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**MILLIKEN CLEAN COAL TECHNOLOGY
DEMONSTRATION PROJECT**

ENVIRONMENTAL MONITORING REPORT

~~**DRAFT**~~

JULY - SEPTEMBER 1996

**NEW YORK STATE ELECTRIC & GAS
CORPORATION**

MASTER

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1.0 DESCRIPTION OF PROJECT STATUS

1.1 PROJECT DESCRIPTION

New York State Electric and Gas Corporation (NYSEG) has installed and is presently operating a high-efficiency flue gas desulfurization (FGD) system to demonstrate innovative emissions control technology and comply with the Clean Air Act Amendments of 1990. The host facility for this demonstration project is NYSEG's Milliken Station, in the Town of Lansing, New York. The primary objective of this project is to demonstrate a retrofit of energy-efficient SO₂ and NO_x control systems with minimal impact on overall plant efficiency.

The demonstration project has added a forced oxidation, formic acid-enhanced wet limestone FGD system, which is expected to reduce SO₂ emissions by at least 90 percent. NYSEG also made combustion modifications to each boiler and plans to demonstrate selective non-catalytic reduction (SNCR) technology on unit 1, which will reduce NO_x emissions. Goals of the proposed demonstration include up to 98 percent SO₂ removal efficiency while burning high-sulfur coal, 30 percent NO_x reductions through combustion modifications, additional NO_x reductions using SNCR technology, production of marketable commercial-grade gypsum and calcium chloride by-products to minimize solid waste disposal, and zero wastewater discharge.

Major components of the emissions reduction systems include a cocurrent-countercurrent Saarberg-Hölter Umwelttechnik GmbH (S-H-U) FGD system with Stebbins tile-lined split absorber, combustion modifications in combination with improved boiler control and demonstration of NO_xOUT[®] SNCR, demonstration of a more efficient heat pipe air preheater and improvements to the existing electrostatic precipitators (ESP). In addition, new limestone and gypsum storage and processing facilities will be required to prepare limestone slurry and refine FGD system by-products.

A complete discussion of the proposed project's environmental impacts, and of the Federal, State and local laws that apply to the proposed project, is provided in Section 5 of Environmental Information Volume: Milliken Station Clean Coal Technology Demonstration Project.

This quarterly environmental monitoring report has been developed in support of NYSEG's requirements to the U.S. Department of Energy (DOE) for project funding through the Clean Coal Technology (CCT) Program. It provides a comprehensive description of the environmental monitoring programs that have occurred during this quarter as a response to permitting agencies' requirements (compliance monitoring), and other environmental aspects of the project for the purpose of demonstrating these technologies.

1.2 PROJECT STATUS

The new LNCFS-3 burners on both boilers are fully tuned and operating. NO_x emissions have been significantly reduced while minimizing the amount of unburned carbon contained in the flyash. At full boiler load (145-150 mw), there was good agreement between measured and predicted NO_x emissions and LOI at various economizer O₂ levels and various mill classifier speed settings. At reduced boiler loads (120 & 90 mw), measured NO_x and LOI levels were lower than predicted. The final report entitled, "Unit 1 LNCFS Level 3 and Unit 2 Baseline Diagnostic Test Program Results" was distributed in April to the cofunders for final review and comment. The final report is expected to be issued to EPRI for publication by the end of October.

The Heat Pipe Air Heater performance testing occurred during the week of May 13, 1996. Tests were performed at base load and low load conditions. A draft report has been prepared and has been issued internally for review. The data presented in this report indicates marginal performance of the heat pipe relative to design exit temperatures. A week long outage is scheduled for October 11, 1996 to clean and inspect the heat pipe. Performance testing has been scheduled during the first week in November 1996, to assess the efficiency recovery of the heat pipe after fouling.

During this quarter, both of Milliken Units were fully scrubbed and operational. Comments on the low sulfur report were received from SHU. The comments are presently being incorporated into the text. It was decided to use design flow for recycle slurry since actual flows can not be accurately measured. The design coal FGD testing which began on May 13, 1996 has been delayed due to a significant drop in the sulfur content of the fuel. Production forecasts indicate that the drop in sulfur will continue well into the third quarter of 1996. NYSEG worked with CONSOL to identify a substitute coal with a higher sulfur content and eventually came up with a blended product. A test burn of a 50/50 blend of washed and unwashed Blacksville Coal began on July 22, 1996. The test burn resulted in no obvious problems in the operation of the plant and the sulfur content of the fuel increased to 2.5%. The design coal tests resumed on August 19, 1996 following the PISCES Air Toxics Tests which occurred during the first two weeks of August. Pluggage of some of the recycle slurry spray nozzles on Unit 2 FGD system resulted in the discontinuance of the design coal test on September 9, 1996. FGD design coal testing is expected to resume on October 21, 1996, following a week long FGD outage to repair and clean nozzles.

Table 1.2-1 summarizes the status of the projects associated with the Milliken Clean Coal Technology Demonstration Program.

TABLE 1.2-1: PROJECT ACTIVITY SUMMARY

Milliken By-Product Utilization	Gypsum Marketability Study Complete Calcium Chloride Report Submitted to EPRI Flyash Marketability Study - Data being assembled
Training Simulation Models for Boiler Nox Emissions & Control	Simulator developed to train personnel in low Nox emission control nearly finished, site acceptance test was completed June 1996. System going through final check out.
Chemical Emissions Measurement	Baseline air toxics measurements have been completed report issued (data to be used in risk assessment evaluation).
CRT Based FGD Simulator	FGD simulator has been completed, presently upgrading FGD simulator to include as-built conditions.
Validation of BYU 3D Combustion Model	A preliminary report was received which presents a data comparison of the model with actual boiler conditions.
Ambient Air Quality Monitoring	Ambient air quality monitoring program is scheduled for completion December 1996. To date no exceedances of the National Ambient Air Quality Standards have documented.
Stebbins Tile Test Facility	Continue operating the test module at Kintigh. Module down during this period for recirculation pump repair and Kintigh scrubber module maintenance.
Hybrid SNCR/SCR Project	Investigating the feasibility of transferring the project to GPU's Seward Station
Selective Non-Catalytic Reduction	Determining if SNCR can be transferred to GPU's Seward Station, which is similar to Milliken and has system already installed.
DUCSYS Risk Assessment	NYSEG has reviewed hazard matrix report and has requested Power Gen to issue final report.
Flame View Camera	Finalization of report will complete this tailored collaboration activity with EPRI.
Innovative Waste Liners	NYSEG will be submitting a case study for NYSEG's Kintigh Station solid waste disposal liner installation.

Materials of Construction	Video documenting construction completed; outage reports, materials inspections, equipment maintenance and pictures are being compiled for future assessment and generation of a final report.
ESP Upgrade Evaluation	ESPERT Report delayed due to problems with model execution, draft report expected to be completed by the end of the next quarter. The ESP baseline and upgrade performance reports are being combined into one report.
FGD Process Evaluation	Design coal test interrupted due to pluggage of absorber nozzles, testing will resume October 21, 1996 after a week long scrubber outage.
Mist Eliminator (wet stack) Testing	The mist eliminator testing is scheduled for October 1996.
Water Toxics Treatment & Characterization	Warranty testing completed, inlet heavy metal concentrations were established and will serve as a baseline for future work. The remainder of the testing is scheduled for completion during 1997.
Heat Pipe Air Heater Evaluation	The heat pipe will be inspected during the Unit 2 October outage, performance testing of the system is scheduled for the first week in November 1996.
Post-Retrofit "TRUE" Evaluation	The risk assessment evaluation for emissions is scheduled for to be completed this year, the data to be used for the evaluation was obtained during the first two weeks in August.
Air Toxics & Emissions Characterization	The field sampling for this program was accomplished during the first two weeks in August 1996, additional mercury speciation testing was completed during the emission characterization testing.
Land and Water Quality Studies	Evaluation of liquid and solid wastes to include leaching and physical, chemical and mineralogical composition, program anticipated to begin by the end of this year.
LNCFS-3 Evaluation	The final report entitled, "Unit 1 LNCFS Level 3 and the Unit 2 Baseline Diagnostic Test Program Results" was distributed to cofunders for final review.
Establishing Vegetative Buffers on Poor Sites	All Plantings have been established. An inventory and assessment of plant vigor will be completed later this summer
Milliken Multi-Media Program	A technical brochure covering the project is presently being developed, the plants conference room has been redesigned to better accommodate tours.

1.3 OPERATING CONDITIONS

Both of Milliken's units were operating during this period. Both scrubber modules were operating during this quarter.

The project is presently evaluating the operation of the brine concentrator. A sampling and analysis program to characterize process chemistry in support of brine concentrator operation has been formalized. The brine concentrator continued to have operational problems and has been temporarily shut down. The chloride concentration in the scrubber system is being maintained at design concentrations by discharging the brine feed water into the Process Waste Reclamation Facility.

Availability and monthly load for both of Milliken's Units are listed in Tables 1.3-1 and 1.3-2.

TABLE 1.3-1 MILLIKEN STATION NET GENERATION (KWH)			
	July	August	September
Unit 1	77,904,049	80,960,634	80,118,908
Unit 2	81,401,559	86,477,374	84,166,028
TOTAL	159,305,608	167,438,008	164,284,936

TABLE 1.3.-2 MILLIKEN STATION AVAILABILITY			
	July	August	September
Unit 1	100%	100%	100%
Unit 2	100%	100%	100%
TOTAL	100%	100%	100%

2.0 SUMMARY OF ENVIRONMENTAL AND HEALTH MONITORING DATA

2.1 AIR QUALITY

The air quality section summarizes the operating emissions at the stack and for the local ambient air monitoring network. The data is presented in tabular form and represents data collected during this quarter.

2.1.1 Emissions Monitoring

New continuous emission monitoring systems (CEMS) were installed at Milliken Station, replacing the existing certified systems on the old brick chimneys. The new CEMS are located on the FGD stack and bypass which is located approximately 66 feet from the top of the 375 foot stack. Certification test data was presented in three Certification Reports dated January 1995, February 1995, and July 1995 for the Milliken Station FGD bypass, Unit 2 stack and Unit 1 stack, respectively. CEM certification tests were completed in accordance with the methods and procedures specified in 40 CFR Part 75.

During this quarter the FGD CEMS were fully operational and certified. Both units exhausted flue gas through the scrubber and out the FGD stack flues. Tables listing SO₂, NO_x, CO₂ and flue gas flow by hour for each day of the quarter are located in Appendix A.

2.1.2 Ambient Air Monitoring

All air quality parameters exceeded program data capture goals for the third quarter of 1996 except for the September PM₁₀ and TSP data at the east station. In addition, weather related problems caused loss of data below 90% at the Sodar 400 meter level for all parameters throughout this quarter except for the month of September. Internal and NYSDEC quarterly audit reports and monthly data reports are available for these systems.

2.1.2.1 North Monitoring Site

The highest hourly average SO₂ concentration measured during this quarter at the north site occurred during the month of September. The highest hourly SO₂ concentration for September was 70 ppb with a peak 3-hour running average of 40 ppb (8% of AAQS) and a peak 24 hour running average of 13 ppb (9% of AAQS). The hourly SO₂ average for September was 5 ppb (annual AAQS = 30 ppb). The highest hourly average SO₂ concentration measured during July and August, respectively, was 28 ppb and 35 ppb with a peak 3-hour running average of 20 ppb (4% of AAQS) and 21 ppb (4% of AAQS). The peak 24 hour running average for July and August, was 8 ppb (6% of AAQS) and 7 ppb (5% of AAQS) with an hourly SO₂ average for each month at 4 ppb (annual AAQS = 30 ppb).

The highest hourly average NO₂ was 33 ppb occurring in July and the highest concentration of NO_x was 78 ppb occurring in the month of September. The highest monthly hourly average for NO₂ at the north site occurred in July with a reading of 5 ppb. The highest monthly hourly average for NO_x occurred in July and August with 6 ppb (annual AAQS for NO₂ is 50 ppb).

The highest hourly average ozone concentration for this quarter occurred in July with a reading of 84 ppb (70% of AAQS), the highest monthly hourly average also occurred in July as well as August at 39 ppb. The highest 24 hour PM₁₀ concentration occurred during August was 41.6 ug/m³ (28% of AAQS). The highest 24-hour total suspended particulate concentration also occurred in August was 45.9 ug/m³ (31% of the secondary AAQS)

2.1.2.2 East Monitoring Site

The highest hourly average SO₂ concentration measured during this quarter at the east site occurred during the month of September. The highest hourly SO₂ concentration for September was 110 ppb with a peak 3-hour running average of 58 ppb (12% of AAQS) and a peak 24 hour running average of 12 ppb (9% of AAQS). The hourly SO₂ average for was 4 ppb (annual AAQS = 30 ppb). The highest hourly average SO₂ concentration measured during July and August, respectively, was 23 ppb and 40 ppb with a peak 3-hour running average of 14 ppb (3% of AAQS) and 20 ppb (4% of AAQS). The peak 24 hour running average for July was 5 ppb (4 % of AAQS) and for August was 6 ppb (4% of AAQS) with an hourly SO₂ average for July and August at 3 ppb (annual AAQS = 30 ppb).

During this quarter, the east site highest hourly average for NO₂ occurred in August and highest hourly average for NO_x occurred during the month of September with readings of 33 ppb and 48 ppb, respectively. The highest monthly hourly average for the east site occurred in August with 5 ppb for NO₂ and 6 ppb for NO_x (annual AAQS for NO₂ is 50 ppb).

The highest 24 hour PM₁₀ concentration at the east site occurred during August was 40.2 ug/m³ (27% of AAQS). The highest 24-hour total suspended particulate concentration also occurred during the month of August was 46.5 ug/m³ (31% of the secondary AAQS).

2.1.2.3 South Monitoring Site

The highest hourly average SO₂ concentration measured during this quarter at the south site was during the month of September. The highest hourly SO₂ concentration for September was 65 ppb with a peak 3-hour running average of 47 ppb (9% of AAQS) and a peak 24 hour running average of 12 ppb (9% of AAQS). The hourly SO₂ average for September was 4 ppb (annual AAQS = 30 ppb). The highest hourly average SO₂ concentration measured during July and August, respectively, were 48 ppb and 36 ppb with a peak 3-hour running average of 32 ppb (6% of AAQS) and 29 ppb (6% of AAQS).

AMBIENT AIR QUALITY MONITORING DATA
3RD QUARTER 1996

North Site

Parameter	July	August	Sept.
	ppb	ppb	ppb
SO ₂ - max. hourly average	28	35	70
SO ₂ - max. 3 hour average	20	21	40
	8	7	13
SO ₂ - monthly average	4	4	5
NO ₂ - max. hourly average	33	29	31
NO _x - max. hourly average	48	76	78
NO ₂ - monthly average	5	4	4
NO _x - monthly average	6	6	5
Ozone - max. hourly average	84	75	72
Ozone - monthly average	39	39	28
	ug/m3	ug/m3	ug/m3
PM 10 - max. value	24.3	41.6	21.6
TSP - max. value	29.3	45.9	28

East Site

Parameter	July	August	Sept.
	ppb	ppb	ppb
SO ₂ - max. hourly average	23	40	110
SO ₂ - max. 3 hour average	14	20	58
SO ₂ - max. 24 hour average	5	6	12
SO ₂ - monthly average	3	3	4
NO ₂ - max. hourly average	26	33	27
NO _x - max. hourly average	41	44	48
NO ₂ - monthly average	4	5	4
NO _x - monthly average	5	6	5
	ug/m3	ug/m3	ug/m3
PM 10 - max. value	26	40.2	20.2
TSP - max. value	30.4	46.5	30

South Site

Parameter	July	August	Sept.
	ppb	ppb	ppb
SO ₂ - max. hourly average	48	36	65
SO ₂ - max. 3 hour average	32(6)	29(6)	47(9)
SO ₂ - max. 24 hour average	10(7)	7(5)	12(9)
SO ₂ - monthly average	4	4	4
NO ₂ - max. hourly average	26	36	23
NO _x - max. hourly average	59	74	75
NO ₂ - monthly average	4	4	3
NO _x - monthly average	5	5	4
	ug/m3	ug/m3	ug/m3
PM 10 - max. value	25.4	40.2	18.2
TSP - max. value	28.3	46	27.2

The peak 24 hour running average for July was 10 ppb (7% of AAQS) and for August was 7 ppb (5% of AAQS), respectively with an hourly SO₂ average for each month at 4 ppb (annual AAQS = 30 ppb).

The highest hourly average concentration measured during this quarter at the south site for NO₂ occurred in August and NO_x occurred in September with 36 ppb and 75 ppb, respectively. The highest monthly hourly average for the south site occurred in July and August with 4 ppb for NO₂ and 5 ppb for NO_x (annual AAQS for NO₂ is 50 ppb).

The highest 24 hour PM₁₀ concentration occurred during August was 40.2 ug/m³ (27 % of AAQS). The highest 24 hour total suspended particulate concentration occurred during the month of August was 46 ug/m³ (31 % of the secondary AAQS).

2.2 WATER QUALITY

This section summarizes the operation of the various waste water treatment and sampling programs at Milliken Station. The station operates a Coal Pile Runoff and Maintenance Cleaning Waste Water Treatment Facility which discharges into the Process Waste Reclamation Facility (PWRF). The PWRF treated water is either reused as process water in the FGD system or is discharged via the circulating water discharge to Cayuga Lake. The FGD system has its own waste water treatment system which treats the brine concentrator feed water for solids and heavy metals. The treated brine feedwater is designed to be concentrated in the brine concentrator which produces a 35% calcium chloride brine and a distillate. At this time the brine feedwater is being discharge to the lake via the circulating water system under an interim permit granted by the NYSDEC.

2.2.1 WASTE WATER TREATMENT

Major station elements that generate wastewater include cooling water systems, boiler blowdown, demineralizer backwashes, sump pump discharges and sanitary sewage. The majority of wastewater from Milliken (214 MGD) is non-contact cooling water, discharged to Cayuga Lake in accordance with NYSEG's existing State Pollution Discharge Elimination System Permit (SPDES #0001333). The remainder of the wastewater stream (2.27 MGD) is composed of regeneration wastes, boiler blowdown, sanitary wastes, area washes, yard and roof drainage, and drainage from the coal storage pile and ash landfill. Sanitary waste is discharged through a separate system which includes a septic tank, sand filter and chlorinator.

All facility wastewater discharges, including the effluent from the coal pile runoff and maintenance cleaning wastewater treatment system receives final treatment via the PWRF system which uses API separators and gravity sand filtration prior to discharge. Solids from the coal pile basin, facility lift station, API separator and waste water treatment are neutralized, clarified and dewatered. Chemical cleaning of the boilers is performed on a

six-year cycle. During the chemical cleanings, wastewater from this process is transported off-site for treatment prior to disposal by a licensed vendor. Chemical cleaning of boilers did not occur during this quarter.

Coal-pile runoff and maintenance cleaning wastewater is treated and discharged to PWRF system in accordance with NYSEG's SPDES permit (#0001333). During this quarter the coal pile runoff treatment system operated for two weeks. The coal pile runoff treatment system operated during the first week in August and one week in September. All of the discharges were in compliance and are listed in Table 2.2.1-1. Process water from plant drains, yard and roof drains and auxiliary equipment cooling is collected and treated in the Process Water Reclamation Facility (PWRF) which is discharged to Cayuga Lake in accordance with NYSEG's SPDES permit (#0001333). PWRF discharges during this quarter were in compliance with the discharge permit and are summarized in Table 2.2.1-2.

Table 2.2.1-1

MILLIKEN STATION
Coal Pile Runoff and Maintenance Cleaning Water Effluent
Third Quarter 1996

Parameters	Units	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	
Aluminum, total	mg/l	NR	NR	NR	NR	0.87	NR	NR	NR	NR	NR	1.81	NR	NR	
Arsenic, total	mg/l	NR	NR	NR	NR	<0.002	NR	NR	NR	NR	NR	<0.002	NR	NR	
chromium, total	mg/l	NR	NR	NR	NR	<0.02	NR	NR	NR	NR	NR	<0.01	NR	NR	
Copper, total	mg/l	NR	NR	NR	NR	<0.02	NR	NR	NR	NR	NR	0.012	NR	NR	
Iron, total	mg/l	NR	NR	NR	NR	0.15	NR	NR	NR	NR	NR	0.051	NR	NR	
Lead, total	mg/l	NR	NR	NR	NR	<0.005	NR	NR	NR	NR	NR	0.002	NR	NR	
Mercury, total	mg/l	NR	NR	NR	NR	<0.0002	NR	NR	NR	NR	NR	<0.0002	NR	NR	
Nickel, total	mg/l	NR	NR	NR	NR	<0.04	NR	NR	NR	NR	NR	<0.02	NR	NR	
Zinc, total	mg/l	NR	NR	NR	NR	<0.02	NR	NR	NR	NR	NR	0.055	NR	NR	
pH	S.U.	NR	NR	NR	NR	8.3	NR	NR	NR	NR	NR	8.6	NR	NR	
Flow, average	gal/day	10,000										70,000			

NR - Denotes system is not running

Table 2.2.1-2

MILLIKEN STATION

Process Water Reclamation Facility Effluent

Third Quarter 1996

Parameter	Units	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
TSS	mg/l	<4.0	<4.0	<4.0	<4.0	3.0	2.0	<1.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Oil and Grease	mg/l	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Aluminum, total	mg/l	0.29	0.41	0.27	0.40	0.30	0.37	0.28	0.30	0.32	0.20	0.22	0.22	0.14
pH	S.U.	8.4	8.2	8.2	8.4	8.2	8.21	8.09	8.05	8.3	8.1	8.2	8.2	8.2
Flow, average	gal/day	3,821,774												
Chlorine, residual	mg/l	0.08												
		4,433,323												
		0.1												
		4,981,967												
		0												

Leachate and surface water runoff from Milliken landfill is currently collected in a 3.8 million gallon sedimentation basin designed to hold runoff from a 10-year, 24-hour storm event. After sedimentation, water is discharged to Cayuga Lake in accordance with the landfill's SPDES permit (#0108553). When a discharge requires additional solids removal to meet permit limits, the basin effluent can be routed to a bottom ash filter. The sedimentation pond had one discharge this quarter which occurred during the period July 25 - August 14. The discharge water quality complied with all discharge permit limitations and is summarized in Table 2.2.1-3.

There were six noncompliances filed with the New York State Department of Environmental Conservation during this quarter.

Table 2.2.1-3

MILLIKEN ASH DISPOSAL FACILITY

Sedimentation Pond Effluent

Parameter	Results	Units
Flow	88,374	gal/day
Aluminum, total	<0.20	mg/l
Arsenic, total	0.065	mg/l
Cadmium, recoverable	0	mg/l
Iron, total	0.023	mg/l
Manganese, total	<0.020	mg/l
Mercury, total	*	mg/l
Nickel, recoverable	*	mg/l
Oil and Grease	<5.0	mg/l
Total Suspended Solids	<4.0	mg/l
Zinc, recoverable	<0.020	mg/l
pH	8.1	S.U

* - Annual sampling requirement - not sampled during this collection.

2.2.2 Stormwater Runoff

The U.S. EPA has issued new storm water management regulations (40 CFR 122-124) which establish National Pollutant Discharge Elimination System (NPDES) permit application requirements for storm water discharges associated with industrial activity. These regulations are enforced by the NYSDEC through the SPDES permitting process. The NYSDEC has issued, through the Division of Water Technical and Operations Guidance Series (5.1.8), the Storm Water Management Guidelines for New Development. This document provides procedures for development to ensure that runoff during and after construction is not substantially altered from pre-development conditions. Since the proposed project disturbed greater than five acres of land, NYSEG applied for a Storm Water SPDES Permit.

A construction plan was submitted to the NYSDEC which specified erosion control measures to be used during construction. The objective of the plan include:

- segregation of rainfall runoff flowing over disturbed areas from runoff flowing over areas not disturbed by construction activities,
- collection of runoff from disturbed areas in a controlled manner,
- manage runoff and rainfall that collects in excavation sites,
- minimize sediment loading of runoff from disturbed areas and water pumped from excavations; to ensure that effluent from those areas conforms with New York State Guidelines for Urban Erosion and Sediment Control.

During this quarter all permanent stormwater control systems are functioning. Limestone storage and FGD sedimentation basins are in place and are working according to design. Project final grading and paving work began during this quarter and is scheduled to be completed during this construction season. Upon completion of the final grading and paving, stormwater from the FGD project will be monitored in accordance with the SPDES Permit (#0001333).

2.2.3 Groundwater Monitoring

NYSEG maintains seven groundwater monitoring wells upgradient of the ash disposal facility, ten wells downgradient of the facility, and five wells within the boundaries of the ash disposal facility for the purpose of monitoring groundwater quality in accordance with the provisions of the Solid Waste Management Facility (SWMF) operating permit and Milliken SPDES permits. The NYSDEC has modified the landfill's permits to allow disposal of FGD system wastewater treatment sludge and unmarketable by-products. Fluoride was added to the existing monitoring program for baseline monitoring. Table 2.2.3-1 lists the groundwater monitoring parameters.

TABLE 2.2.3-1**Solid Waste Management Facility Groundwater Monitoring**

Groundwater Parameters	Form	Units	Frequency*
aluminum	total & dissolved	mg/l	quarterly
alkalinity		mg/l	quarterly
arsenic	total & dissolved	mg/l	quarterly
cadmium	total & dissolved	mg/l	quarterly
iron	total & dissolved	mg/l	quarterly
hardness		mg/l	quarterly
mercury	total & dissolved	mg/l	quarterly
magnesium	total & dissolved	mg/l	quarterly
manganese	total & dissolved	mg/l	quarterly
lead	total & dissolved	mg/l	quarterly
pH			quarterly
selenium	total & dissolved	mg/l	quarterly
sulfate		mg/l	quarterly
dis. solids	total	mg/l	quarterly
turbidity		mg/l	quarterly
zinc	total & dissolved	mg/l	quarterly
fluoride		mg/l	quarterly

Groundwater monitoring continued as specified in the SPDES and 360 Permits for the Solid Waste Disposal Area.. Groundwater monitoring data is listed in Appendix B.

2.3 SOLID WASTE

This section summarizes the operation of the solid waste program at Milliken Station. Milliken Station operates a solid waste disposal area east of the plant which encompasses approximately 41 acres. The disposal area began operation in 1978 and accepted primarily combustion byproducts from Milliken Station which included fly ash, bottom ash and pyrite rejects. In addition the facility received sludges and sediments from maintenance cleaning wastes from Milliken Station.

Extensions to the landfill were made in 1978, 1979, 1982, 1984, 1986 and 1990. Currently only the 1986 and 1990 extensions are active. The active portion of the landfill utilizes a modified composite liner consisting of a low permeability soil liner, a leak detection system, a synthetic liner and a leachate collection system. The closed portions of the waste disposal area utilized a low permeability soil liner design meeting the effective regulatory requirements with leachate collection and a low permeability cap covered by top soil as a final cover.

The 1984, 1986 and 1990 extensions are hydraulically and operationally separate from the previous extensions to the waste disposal area.

2.3.1 Disposal

During this quarter approximately 690 tons of coal ash, 0 tons of gypsum and 531 tons of waste water treatment sludges were landfilled at Milliken's waste disposal area. Total disposal during this quarter was 1221 tons.

2.3.2 Marketing

During this quarter the total tonnage of marketable flyash, bottom ash and gypsum produced at Milliken Station was 27,190; 1,527 and 23,815 respectively. All of the bottom ash and some gypsum (104 tons) were stockpiled at the solid waste disposal area while the flyash was immediately sold to be used in concrete mixes.

NYSEG is sending gypsum to a Canadian customer, gypsum sales contracts are in place for wall board manufacturing and cement production.

The bottom ash is typically stockpiled to be used on roads as an anti-skid material during the winter months. The use of bottom ash is a seasonal operation which is sold to local municipalities and towns.

2.4 ADDITIONAL ENVIRONMENTAL PROGRAMS

This section describes special studies or evaluations required by the permits issued for the Milliken Clean Coal Technology Demonstration Project. These activities include resource enhancement programs, noise evaluations and restoration programs.

2.4.1 SHORELINE VEGETATIVE BUFFERS

A study was initiated during the second quarter to evaluate the potential for establishing woody plants along the shoreline in front of Milliken Station. Plantings were established using several seedling species using different planting methods and bed preparation. The

plants will be evaluated 12 months following the original planting. Seedlings and unrooted cuttings were obtained from several sources totaling 28 different types of trees. All of the rooted stock and some of the cuttings were planted during May 21-23, 1996. The remainder of the cuttings were planted during this quarter after the lake levels drop to their summer level.

3.0 CHARACTERIZATION OF ANY UNREGULATED SUBSTANCES

3.1 LIQUID

The only new liquid substance generated as a result of this project is the calcium chloride brine. A request for determination of beneficial use was granted by the NYSDEC for direct application of the brine as a road de-icer and dust suppressant. The concentrated brine results from the FGD blowdown which is treated for solids, heavy metals and then

TABLE 3.1-1

Expected Chemical Composition of Calcium Chloride Salt

Chemical Composition	Percentage by Weight
Calcium Chloride (CaCl ₂)	57
Magnesium Chloride (MgCl ₂)	28
Sodium Chloride (NaC)	8
Other alkali chlorides	2
Inerts	5

concentrated in a evaporator. Table 3.1-1 provides the anticipated chemical constituents of the calcium chloride salt. The brine analysis has been well within the expected composition.

3.2 SOLID

NYSEG has been involved in an extensive testing and research program to evaluate FGD produced gypsum and its market potential. NYSEG conducted forced oxidation FGD testing at the Electric Power Research Institute (EPRI) High Sulfur Test Center (HSTC) located at NYSEG's Kintigh Station. ORTECH International, recognized in the wallboard industry as a reputable testing firm, conducted a literature survey and preliminary market analysis as well as analyzing gypsum produced at the HSTC. Results of ORTECH's literature survey and NYSEG's inspection of European FGD systems have shown that gypsum has the highest market potential as a saleable by-product as a raw material for the production of wallboard and cement. This information was used to generate an EPRI Report, "The Gypsum Industry and Flue Gas Desulfurization (FGD) Gypsum Utilization: A Utility Guide" which was published in February 1994 (EPRI Report TR-103652).

Gypsum properties will be similar to gypsum samples generated in 1991 at the HSTC. Those samples were produced from tests simulating forced oxidation of the Kintigh Station FGD system. Physical characteristics of the gypsum produced at Kintigh are listed in Table 3.2-1. Chemical characteristics of various synthetically produced gypsum by products and natural gypsum are listed in Table 3.2-2. Market evaluations of gypsum have indicated a high purity of CaSO₄. The gypsum also meets wall board specification requirements which include; chlorides, carbonate and moisture.

3.3 GASEOUS

No unregulated gaseous materials will be produced as a result of the Milliken Clean Coal Technology Demonstration Project.

TABLE 3.2-1

TYPICAL GYPSUM PROPERTIES*

PROPERTY	EXPECTED VALUE
PH	8.0 8.2
MOISTURE CONTENT (G MOISTURE/100 G DRY SOLID)	7.4 - 8.5
PERMEABILITY COEFFICIENT (CM/SEC)	0.000080 - 0.00010
UNCONFINED COMPRESSIVE STRENGTH (PSI)	11
GYPSUM (%)	95.5 - 97.4
CACO₃ (5)	1.0 - 3.8
*BASED ON RESULTS FROM KINTIGH STATION SIMULATIONS.	

**TABLE 3.2-2
ANALYSIS OF VARIOUS BY-PRODUCTS AND NATURALLY OCCURRING GYPSUM**

	EUROPEAN BY- PRODUCT GYPSUM	SYNTHETIC GYPSUM		U.S. UTILITY BY- PRODUCT	PILOT PLANT BY- PRODUCT	NATURALLY OCCURRING	
		1	2			1	2
MAJOR ELEMENTS (WT %)							
CAO	30 - 32.6	32.05	34.17	32.48	33.93	31.45	32.05
SO ₃	42 - 46.5	45.53	43.64	42.41	43.69	43.78	43.60
MGO	0.01 - 0.06	9.06	0.07	0.05	0.28	0.22	1.12
SLO	--	0.01	0.03	--	--	0.04	0.36
AL ₂ O ₃	0.1 - 0.50	0.05	0.13	0.02	0.05	0.55	0.22
FE ₂ O ₃	0.01 - 0.13	0.07	0.09	0.06	0.15	0.24	0.07
SLO ₂	0.17 - 0.65	1.35	0.75	0.58	<0.485	2.41	0.66
MNO	--	<0.01	0.01	--	--	0.03	<0.01
P ₂ O ₅	--	<0.01	<0.01	<0.017	<0.019	0.01	<0.01
K ₂ O	0.02 - 0.12	<0.01	0.03	<0.035	<0.039	0.10	0.05
F	--	0.02	1.49	--	--	<0.01	<0.01
TRACE ELEMENTS (PPM)							
AG	--	--	--	<1.00	<4.0	--	--
AS	<1	<5.0	<5.0	<1.00	1.41	1.4	1.0
BA	--	--	--	1.72	1.48	--	--
CD	<0.2	<1.0	<1.0	<1.00	0.10	<0.2	<0.02
CR	--	3.0	10.0	1.88	3.76	5.0	<5.0
CU	--	3.0	3.0	1.40	4.17	3.0	6.0
HG	0.5 - 1.1	<1.0	<1.0	--	--	<0.2	<0.2
MN	--	--	--	2.52	12.2	--	--
PB	3 - 6	<1.0	<1.0	<1.00	0.26	2.0	2.0
SE	--	<5.0	<5.0	9.46	2.05	<0.2	<0.2
ZN	7 - 13	2.0	2.0	<1.0	16.3	6.0	4.0
F	30 - 950	475	321	678	--	<20.0	105.0
REFEREN CE	1	2	2	3	4	2	2

4.0 PROJECTS PERMIT STATUS

4.1 AIR QUALITY

The Milliken CCTD project is presently operating under a Permit to Construct. The permit to construct allows NYSEG to make the modifications to the existing boiler as well as construct the FGD system. The Permit was issued August 14, 1992 and details emission limits, testing requirements, compliance certification and record keeping and reporting. Since the permit was authored prior to promulgating the regulations pertaining to the Clean Air Act Amendments of 1990 (42 U.S.C., section 7401), a request was made to the NYSDEC on October 5, 1994 to revise the Permit to Construct to conform with the new regulations, specifically 40 CFR Part 75. NYSDEC submitted a draft Permit to Construct on December 16, 1994 and issued the revised Permit to Construct on March 14, 1995. The Permit to Construct now coincides with the Clean Air Act Amendments which streamlines the reporting procedure.

Milliken has completed all emissions start up activities, including certification and relative accuracy testing of the CEMS and stack testing for certification of emissions compliance, NYSEG filed for a Permit to Operate on January 19, 1996. NYSEG took exception to two conditions in the existing Permit to Construct:

- ▶ 4 hour limit on burning coal and oil simultaneously; oil is often used during low load operation for flame stabilization.
- ▶ coal alone will not be fired without the scrubber operating; future sulfur removal after the demonstration period will be market driven (i.e. it may be cheaper to purchase sulfur allowances).

The NYSDEC is presently reviewing our permit application.

4.2 WATER QUALITY

Milliken Stations SPDES permit (#0001333) was modified to allow the addition of the FGD system. Since the FGD system was designed for zero waste water discharge, no additional discharge points or parameters were added to the permit.

Milliken's SPDES permit was renewed by the NYSDEC on November 11, 1994. Changes to the permit included:

- The addition of a total residual chlorine of 2.0 mg/l was added to the PWRP system to allow for continuous treatment of plant service water systems for zebra mussel control.
- A new outfall 001D has been added for the new soot blowing air compressor required for the heat pipe. No monitoring is required at this outfall.

- A behavioral deterrent assessment is required for mitigation of the effects of impingement and entrainment caused by the circulating water system. Milliken's SPDES Permit expires November 11, 1999.

4.3 SOLID WASTE

This facility is permitted under part 360 of the NYS Code of Rules and Regulations and has been issued a 360 Solid Waste Permit No. 5032-00069/00003-9 which was modified to allow disposal of unmarketable flue gas desulfurization (FGD) by-products and flue gas desulfurization waste water treatment sludge, in addition to materials previously authorized by this permit, mainly, bottom ash, flyash, waste water treatment sludge, and maintenance cleaning solids.

The above reference permit modification required the following conditions:

- Thirty days prior to disposal of any gypsum, calcium chloride or FGD wastewater treatment sludge, the permittee shall demonstrate to the satisfaction of NYSDEC the compatibility of the liner with these wastes.
- Prior to disposing of any gypsum, calcium chloride or FGD wastewater treatment sludge, the permittee shall certify to NYSDEC that the liner system is functioning as designed. A method of certification must be submitted to NYSDEC for approval within 30 days after issuance of this permit modification.
- Fluoride shall be added to the list of parameters in Special Condition 6 for which groundwater quality shall be monitored.

All of the above conditions have been satisfied, the NYSDEC will allow any of the project related wastes specified in the permit modification to be disposed at Milliken Station's Ash Disposal Facility.

The above referenced permit is presently being reviewed by NYSDEC for renewal. The permit expiration date was October 10, 1994, however the permit remains in effect in accordance with Section 401.2 of the Standard Administrative Procedures Act.

5.0 PROBLEM AREAS

No problem areas have been identified concerning environmental regulations or permit conditions due to the operation and performance of the equipment being demonstrated under the CCTD at Milliken Station. Six noncompliances were filed with the New York State Department of Environmental Conservation during this quarter. The noncompliances are listed in Table 5.0-1.

**TABLE 5.0-1 SUMMARY OF NONCOMPLIANCES
MILLIKEN STATION
THIRD QUARTER 1996**

DATE	OUTFALL	DESCRIPTION	CORRECTIVE ACTION
7/04/96	001A Sanitary Waste Treatment	Total residual chlorine (TRC) was 6.8 ppm. TRC is believed to be elevated due to timing of the sample collection in the collection chamber.	Evaluate and possibly change sample location.
7/12/96	001A Sanitary Waste Treatment	Fecal Coliform concentration was greater than 2000. High value was believed to be caused by a mechanical disturbance in the sand filter bed by scrapers.	Limit disturbance of sand filter bed to necessary maintenance activities, continue to monitor and evaluate discharge.
7/15/96	001C Waste Water Treatment	Waste water treatment (WWT) was discharged without being sampled. WWT plant was run to prevent an overflow. Sampling personnel arrived on 1/17 to collect sample but WWT was shut down.	Train plant personnel to collect samples as a backup for field services.
7/24/96	001C Waste Water Treatment	WWT plant was discharged without being sampled. Treatment plant was run for only 3 hours.	Train plant personnel to collect samples as a backup for field services.

DATE	OUTFALL	DESCRIPTION	CORRECTIVE ACTION
8/8/96	001A Sanitary Waste Treatment	Fecal coliform concentration greater than 2000. Exceedance is believed to be caused by insufficient contact time between chlorine and water before sample is taken.	Evaluate alternate sampling location down stream of current location.
8/12/96	001C Waste Water Treatment	WWT plant was discharged without being sampled. WWT was operated to prevent overflow. Sampling personnel arrived to collect sample but the WWT plant was not running.	Train plant personnel to collect samples as a backup for field services.

6.0 DETAILS OF SAMPLING AND ANALYTICAL PROCEDURES

This section contains a list of sampling and analytical procedures that will be used to sample and analyze solid, slurry, liquid, and flue gas streams. Sampling and analytical methods are those recommended by the American Society for Testing and Materials (ASTM), Environmental Protection Agency (EPA), the American Public Health Association, and the Electric Power Research Institute (EPRI).

In the following procedures, Major Ash Elements analysis includes Na₂O, K₂O, CaO, Fe₂O₃, TiO₂, P₂O₅, SiO₂, Al₂O₃, and SO₃. Trace Elements analysis includes As, Be, Cd, Co, Cr, Cu, F, Hg, Mo, Ni, Pb, Sb, Se, Sn, and Zn.

6.1 ANALYTICAL PROCEDURES FOR COAL ANALYSIS

6.1.1 Proximate Analysis - Moisture, Volatile Matter, Fixed Carbon, Ash

ASTM D 5142-90 Proximate Analysis of the Analysis Sample of Coal and Coke by Instrumental Procedures

Moisture, volatile matter, fixed carbon, and ash are determined by establishing the loss in mass of a test specimen under rigidly controlled conditions of temperature, time, atmosphere, and specimen mass.

All samples are analyzed in duplicate. Duplicate results must meet ASTM criteria for repeatability. A quality control sample is analyzed along with each batch of test specimens. Results for the control sample must be within established limits for the parameters being measured or the results for the entire set of test specimens are rejected and the test procedure is repeated. The laboratory participates in interlaboratory round robin programs on a monthly basis which provides external quality assessment of laboratory data and performance.

6.1.2 Ultimate Analysis

6.1.2.1 Carbon, Hydrogen, Nitrogen

ASTM (6th draft of a proposed standard method) Instrumental Determination of Carbon, Hydrogen, and Nitrogen in Laboratory Samples of Coal and Coke

Carbon, hydrogen, and nitrogen are determined concurrently in a single instrumental procedure. The procedure provides for combustion and conversion of the subject elements in an oxygen stream in their entirety to carbon dioxide, water vapor, and nitrogen oxides. Carbon dioxide and water vapor are determined by infrared detection; nitrogen oxides are reduced to nitrogen and determined by thermal conductivity.

The instrument is calibrated daily by analyzing, as samples, National Institute for Standards and Technology (NIST) Standard Reference Material 1632b. All samples are analyzed in duplicate. Duplicate results must meet ASTM criteria for repeatability. A quality control sample is analyzed at least once for every ten samples analyzed. The results for the control sample must be within established limits for the parameters being measured or the test results obtained up to the last acceptable analyses of the control sample are rejected. The laboratory NYSEG will use participates in interlaboratory round robin programs on a monthly basis which provide external quality assessment of data and performance.

6.1.2.2 Sulfur

ASTM D 4239-85 Method C Sulfur in the Analysis Sample of Coal and Coke Using High Temperature Tube Furnace Combustion with Infrared Absorption Detection

A known mass of the test specimen is burned at high temperature in a stream of oxygen. Sulfur in the test specimen is completely converted to sulfur dioxide which is measured by an infrared absorption detector.

The equipment is calibrated or has proper calibration verified daily by analyzing as samples, NIST Certified Coal Standard Reference Materials 2682, 2683a, 2684a, 2685, or 2692. All test specimens are analyzed in duplicate. Duplicate results must meet ASTM criteria for repeatability. A quality control sample is analyzed at least once during each hour the equipment is in operation. The result for the control sample must be within established limits or the results for the test specimens analyzed up to the last acceptable analysis of the control sample are rejected. External quality assessment of sulfur data and laboratory performance is provided by monthly participation in interlaboratory round robin programs.

6.1.2.3 Oxygen

The percentage of oxygen in a dried sample is calculated as follows:

$$\% \text{ Oxygen} = 100 - (\% \text{ ash} + \% \text{ carbon} + \% \text{ hydrogen} + \% \text{ nitrogen} + \% \text{ sulfur})$$

If the chlorine concentration in the sample was determined, the following calculation will apply:

$$\% \text{ Oxygen} = 100 - (\% \text{ ash} + \% \text{ carbon} + \% \text{ hydrogen} + \% \text{ nitrogen} + \% \text{ sulfur} + \% \text{ chlorine})$$

Accuracy and precision are a function of all the analytical results used in the calculation.

6.1.3 Higher Heating Value

ASTM D 1989 - 91 Gross Calorific Value of Coal and Coke by Microprocessor Controlled Isoperibol Calorimeters

The heating value of the test specimen is determined by burning a known mass under controlled conditions, in an atmosphere of oxygen, using a microprocessor-controlled isoperibol calorimeter. The system is calibrated by burning certified benzoic acid. Results are expressed in British thermal units per pound (Btu/lb).

Verification of proper calibration is established daily by analyzing benzoic acid. All samples are analyzed in duplicate and results must agree within ASTM limits. Monthly round robin participation provides external data quality assessment.

6.1.4 Sulfur Forms

ASTM D 2492-90 Standard Test Method for Forms of Sulfur in Coal

The test specimen is boiled in dilute hydrochloric acid to solubilize all non-pyritic iron and then filtered. Filtrate is retained for subsequent sulfate sulfur analysis. The residue is boiled in dilute nitric acid to oxidize pyritic iron to the ferric state. After filtering, iron concentration in the filtrate is determined and pyritic sulfur is calculated as a stoichiometric combination with the iron using a gravimetric factor.

All samples are analyzed in duplicate and results must agree within ASTM repeatability limits. Quality control samples are not stable with respect to pyritic and sulfate sulfur concentrations and are not used as part of a quality assurance program for this method. Round-robin participation provides external data quality assessment.

6.1.5 Chlorine

The LECO CL 350 is a microprocessor-controlled instrument which determines the chlorine concentration in coal. The test specimen is burned at 1350°C in a stream of oxygen. Chlorine is converted to gaseous hydrochloric acid and collected in a trap. The hydrochloric acid is subsequently rinsed into a vessel where chloride concentration is measured by a specific ion electrode. Results are automatically adjusted for calibration and sample mass and are displayed and printed as percent chlorine.

The instrument is calibrated by analyzing, as samples, NIST Reference Material 1632b or other reference coals that have traceability to other nationally or internationally recognized certifying organizations. Duplicate analyses are performed on each sample. Duplicate results must agree within the repeatability limits of **ASTM D 4208-88**. Round robin participation on a monthly basis provides external assessment of data quality.

6.1.6 Ash Fusion

ASTM D 1857-87 Fusability of Coal and Coke Ash

Specially prepared coal ash is formed into triangular pyramids which are heated at a specified rate in controlled, mildly reducing or oxidizing atmospheres. The temperature at which the ash pyramids are observed to attain and pass through defined stages of fusing and flow is recorded.

Gold and nickel wire of certified purity are analyzed at least once a week to check the calibration of the thermocouple and the adequacy of the reducing gas. Duplicate analyses must agree within ASTM limits. Monthly round robin participation provides external assessment of data quality.

6.1.7 Major Ash Elements

A sample of 60 mesh coal is ashed according to the method outlined in **ASTM D3682-78**. The resulting ash is pressure-digested using hydrochloric, hydrofluoric and nitric acids.

The concentrations of ten major ash elements are determined by inductively coupled plasma-atomic emission spectroscopy (ICP-AES). All samples are digested and analyzed in duplicate. Duplicate analyses must meet the repeatability limits listed in **ASTM D3682-78**. A mass balance of 97.5-101.5 weight percent must be obtained for the ten elemental oxides. Samples not meeting this requirement are redigested and reanalyzed.

NIST fly ash 1633a is used to calibrate the ICP-AES. The calibration is checked with a secondary coal ash standard. The calibration is reassessed every eight samples by analyzing a quality control standard. The instrument is recalibrated as required.

6.1.8 Trace Elements (All but Hg, F and Se)

A sample of 60 mesh coal is ashed according to the method outlined in **ASTM D3683-78**. The resulting ash is passed through a 100 mesh screen and is subjected to an open-beaker hydrochloric, hydrofluoric and nitric acid digestion. Blanks are prepared and analyzed to verify that the contribution of background elements is insignificant.

The elemental concentrations are determined by inductively coupled plasma-mass spectrometry (ICP-MS) except where interferences exist. ICP-AES can normally be used to determine those elements that experience interference in ICP-MS. All samples are digested and analyzed in duplicate. The repeatability of duplicate analyses must be at least 15% (relative) at concentrations that are greater than or equal to 1 ppm and at least 20% (relative) for concentrations between 0.5 and 1 ppm. Samples not meeting this requirement are redigested and reanalyzed.

A multi-element standard prepared from commercial single element standards is used to calibrate the ICP-MS. The calibration is checked with NIST water 1643c. The accuracy of the digestion and analysis is assessed by analyzing NIST fly ash 1633a, NIST 1632b, Community Bureau of Reference (Commission of the European Communities) coal standard BCR 40 and/or South African Reference (SARM) coal 20. The calibration is reassessed every six samples by analyzing a quality control standard. The instrument is recalibrated as required.

6.1.9 Mercury

A 60 mesh sample is burned in a sealed container. The evolved mercury vapor is amalgamated on a gold wire. After the pyrolysis is complete, the gold wire is heated and the evolved mercury is detected by an atomic absorption spectrometer.

A known concentration of vapor-phase mercury is used to calibrate the instrument. The calibration is validated by analyzing NIST 1630 and/or SARM 35.

6.1.10 Fluorine and Selenium

A 60 mesh sample is placed into a 1150°C tube furnace. Humidified air is passed over the sample and is condensed using a Graham condenser. The condensate, which contains volatile fluoride and selenium species, is trapped in a weak base scrubber solution. An aliquot of the scrubber solution is immediately acidified with nitric acid and is concentrated two fold before the selenium is determined by ICP-MS. The fluoride is determined by ion chromatography.

The ion chromatograph is calibrated with commercial aqueous fluoride standards. The accuracy of the preparation and determination is verified by preparing and analyzing BCR 40 with each set of samples.

Commercial selenium standards are used to calibrate the ICP-MS. The accuracy of the preparation and the determination is verified by preparing and analyzing NIST coal 1632b with each set of standards. A quality control sample is used to recheck the calibration after the analysis of every eight samples. The instrument is recalibrated as required.

6.2 ANALYTICAL PROCEDURES FOR LIMESTONE ANALYSIS

6.2.1 Moisture

ASTM C 25-81 sec. 79-84

Free moisture by definition is the amount of water and any other volatile matter that can be expelled from the analysis sample by drying to constant weight at 115-120°C.

6.2.2 Loss on Ignition

ASTM C 25-81 sec. 74-78

The loss on ignition, expressed as percent of the initial "as received" sample, is obtained after ignition of the test specimen at 1000°C to constant weight. The loss in weight is due to release of free moisture, waters of hydration, carbon dioxide, sulfur dioxide and volatile pyrolytic products of any organic material that may be present.

6.2.3 Carbonate

Carbonate is determined using a Coulometrics Inc. Model 5011 instrument. A sample of NBS 88a, dolomitic limestone with a carbonate content of 63.5 wt %, is analyzed with each set of samples. If the measured value differs by more than 1.0 wt % from the known value, remedial action is taken. All carbonate determinations are made in duplicate with individual values reported. For samples with a non-homogeneous distribution of carbonate, as indicated by duplicates that do not agree within 1 wt %, the sample is run in triplicate and the average of the three determinations is reported.

6.2.4 Total Insoluble Matter

Total insoluble matter is determined by the procedure described in ASTM C 25. This procedure involves a two stage digestion in hydrochloric acid solution. Samples are run in duplicate to provide quality control.

6.2.5 Acid Neutralization

Acid neutralization is determined by digesting the sample in an excess of standardized hydrochloric acid solution and back titrating the excess acid with standardized sodium hydroxide solution to pH 7.0. A pH meter is used for end point detection. Samples are run in duplicate and the result reported as the average of the two determinations. This procedure follows the Neutralization Potential test published in EPA-600/2-78-054, "Field and Laboratory Methods Applicable To Overburdens and Minesoils."

6.2.6 Particle Size

A Malvern 2600C particle size analyzer is used to determine the particle size. The sample is dispersed in acetone and the particle size distribution in the range 1.9-188 microns is determined using laser diffraction. The instrument is based on physical properties and requires no calibration. A quality control standard is analyzed daily to monitor instrument operation.

6.2.7 Major Elements

A 100 mesh sample is pressure-digested using hydrochloric, hydrofluoric and nitric acids. Elemental analysis is completed using an inductively coupled plasma-atomic emission spectrometer (ICP-AES). Total sulfur results can be obtained by dividing the SO₃ results by 2.5. NIST fly ash 2691 is used to calibrate the ICP-AES. The calibration is checked with NIST Portland Cement 633. The calibration is reassessed every eight samples by analyzing a quality control standard. The instrument is recalibrated as required.

6.2.8 Trace Elements (all but Hg, F and Se)

The sample is passed through a 100 mesh screen and is subjected to a open-beaker hydrochloric, hydrofluoric and nitric acid digestion.

A multielement standard that is prepared from commercial single element standards is used to calibrate the ICP-MS. The calibration is checked with NIST water 1643c. The accuracy of the digestion and analysis is assessed by analyzing NIST fly ash 2691, NIST dolomitic limestone 88b or NIST Portland Cement 633. The calibration is reassessed every six samples by analyzing a quality control standard. The instrument is recalibrated as required.

Quality control follows the description outlined under coal analysis, Section A1.1.8.

6.2.9 Mercury

Analysis and quality control follow the description outlined under coal analysis, Section A1.1.9.

6.2.10 Fluorine and Selenium

Preparation of samples for fluoride and selenium determinations proceeds as indicated under the coal analysis, Section A1.1.10, except that NIST fly ash 1633a is prepared and analyzed with the samples to verify the ICP-MS selenium calibration.

6.2.11 Chloride

The sample is leached with water and the chloride concentration is determined with an ion chromatograph (IC). The IC is calibrated with a commercial standard. A commercial quality control standard is analyzed before and after each set of samples. If the concentration of the standard is not within .5% of the known value, the IC is recalibrated and the samples are reanalyzed.

6.3 ANALYTICAL PROCEDURES FOR ANALYSIS OF GYPSUM, SOLID WASTE SLUDGE, AND BLOWDOWN TREATMENT CHEMICALS

6.3.1 Free Moisture

ASTM C471-76 sec. 5

Free moisture by definition is the amount of water that can be expelled from the sample by drying it at 45°C for a period of 2 hours.

6.3.2 Combined Water (Crystal Water)

ASTM C471-76 sec. 6

Combined water is expressed as the loss in weight of a portion of the residue from the free moisture test (ASTM C471-76 sec. 5) after drying it to constant weight at 215-230°C.

6.3.3 Sulfate and Sulfite

Sulfate and sulfite are extracted with a weak solution of formaldehyde. The formaldehyde is used to inhibit the oxidation of the sulfite ion. A commercial sulfate standard is combined with a potassium sulfite standard that is freshly prepared in formaldehyde. Serial dilutions of this standard are used to calibrate the ion chromatograph. The calibration is verified using a solution that is prepared for this purpose.

6.3.4 Chloride

The sample is leached with water and the chloride concentration is determined with an ion chromatograph (IC). The calibration and quality control procedures follow the description outlined under limestone analysis, Section 6.2.11.

6.3.5 Carbonate

Analysis and quality control follow the description outlined under limestone analysis, Section A1.2.3.

6.3.6 Particle Size

Analysis and quality control follow the description outlined under limestone analysis, Section 6.2.6.

6.3.7 Formic Acid

Formic acid is determined by ion chromatography. It is separated from other components via ion exchange or ion exclusion depending on the concentration of the other components, particularly chloride and fluoride. The ion chromatograph is calibrated with a commercial formic acid standard and the calibration is validated with an appropriate quality control standard.

6.3.8 Ammonia

This method is applicable to solid samples containing absorbed or reacted ammonium compounds. The ammonium salts are acid extracted and the resulting ammonia ion is measured by ion chromatography.

Extraction

Samples are prepared by a one-hour extraction with 1M HCl solution. The extract solution is filtered and diluted to a prescribed volume.

Analysis

Samples and standards are analyzed by an ion chromatograph following standard procedures outlined by Dionox. Total ammonia is calculated based on the measured aliquot concentration and adjusting for liquid volume and sample weight.

6.3.9 pH

The pH of solid samples will be measuring paste pH as described in **EPA-600/2-78-054**. The procedure entails the addition of a minimal amount of distilled water to wet the solid and measuring the pH without stirring the paste that forms. A combination electrode and digital pH meter will be used to measure the pH. The meter will be calibrated using two purchased pH buffers. The calibration is verified by measuring a third buffer. Measured values for the buffers must agree with the known values within 0.05 pH units or remedial action is taken.

6.3.10 Major Elements

A 100 mesh sample of gypsum or sludge is oxidized with hydrogen peroxide to convert any sulfite to sulfate prior to acid digestion of the sample. Analysis and quality control follow the description outlined under limestone analysis, Section A1.2.7. Total sulfur results are obtained by dividing the SO₃ results by 2.5.

6.3.11 Trace Elements (All but Hg, F, Se)

Analysis and quality control follow the description outlined under limestone analysis, Section A1.2.8.

6.3.12 Mercury

Analysis and quality control follow the description outlined under coal analysis, Section A1.1.9.

6.4 ANALYTICAL PROCEDURES FOR CALCIUM CHLORIDE

6.4.1 Chloride

Analysis and quality control follow the description outlined under limestone analysis, Section A1.2.11.

6.4.2 Carbonate

Analysis and quality control follow the description outlined under limestone analysis, Section 6.2.3.

6.4.3 Crystal Water

A method must be chosen.

6.4.4 pH

Analysis and quality control follow the description under gypsum and solid waste sludge analysis, Section A1.3.9.

6.4.5 Formic Acid

Formic acid is determined by ion chromatography. It is separated from other components via ion exchange or ion exclusion depending on the concentration of the other components, particularly chloride and fluoride. The ion chromatograph is calibrated with a commercial formic acid standard and the calibration is validated with an appropriate quality control standard.

6.4.6 Ammonia

This method is applicable to liquid samples containing absorbed or reacted ammonium compounds.

Sample Preparation

If necessary, Kjeldahl digestion into 1 M HCl solution. The solution is diluted to a prescribed volume.

Analysis

Samples and standards are analyzed by an ion chromatograph following standard procedures outlined by Dionox. Total ammonia is calculated based on the measured aliquot concentration and adjusting for liquid volume.

6.4.7 Major Elements

A 100 mesh sample of gypsum or sludge is oxidized with hydrogen peroxide to convert any sulfite to sulfate prior to acid digestion of the sample. Analysis and quality control follow the description outlined under limestone analysis, Section A1.2.7. Total sulfur results are obtained by dividing the SO₃ results by 2.5.

6.4.8 Trace Elements (all but Hg, F and Se)

Analysis and quality control follow the description outlined under limestone analysis, Section A1.2.8.

6.4.9 Mercury

Analysis and quality control follow the description outlined under coal analysis, Section A1.1.9.

6.4.10 Fluorine and Selenium

Preparation of samples for fluoride and selenium determinations proceeds as indicated under the coal analysis, Section A1.1.10, except that NIST fly ash 1633a is prepared and analyzed with the samples to verify the ICP-MS selenium calibration. The high chloride concentrations in the calcium chloride product may necessitate fluoride methods development.

6.5 ANALYTICAL PROCEDURES FOR ESP ASH AND BOILER BOTTOM ASH

6.5.1 Moisture, carbon, sulfur, and chlorine

These are determined using the same procedures outlined for coal analysis, Sections A1.1.1, A1.1.2, and A1.1.5. Appropriate standards of a similar matrix and analyte level are used for instrument calibration and as quality control samples whenever possible.

6.5.2 Particle Size

Analysis and quality control follow the description outlined under limestone analysis, Section A1.2.6.

6.5.3 Chloride

The sample is leached with water and the chloride concentration is determined with an ion chromatograph (IC). The IC is calibrated with a commercial standard. Calibration and quality control follow the description outlined under limestone analysis, Section A1.2.11.

6.5.4 Ammonia

This method is applicable to solid samples containing absorbed or reacted ammonium compounds. The ammonium salts are acid extracted and the resulting ammonia ion is measured by ion chromatography.

Extraction Analysis

Samples and standards are analyzed by an ion chromatograph following standard procedures outlined by Dionox. total ammonia is calculated based on the measured aliquot concentration and adjusting for liquid volume and sample weight.

6.5.5 Major Ash Elements

A 100 mesh sample is pressure-digested using hydrochloric, hydrofluoric and nitric acids. The concentrations of ten major ash elements are determined by inductively coupled plasma-atomic emission spectroscopy (ICP-AES). Total sulfur results can be obtained by dividing the SO₃ results by 2.5. All samples are digested and analyzed in duplicate. Duplicate analyses must meet the repeatability limits listed in ASTM D3682-78. A mass balance of 97.5-101.5 weight percent must be obtained for the ten elemental oxides. Samples not meeting this requirement are redigested and reanalyzed.

NIST fly ash 1633a is used to calibrate the ICP-AES. The calibration is checked with a secondary coal ash standard. The calibration is reassessed every eight samples by analyzing a quality control standard. The instrument is recalibrated as required.

6.5.6 Trace Elements (All but Hg, F and Se)

The sample is passed through a 100 mesh screen and is subjected to a open-beaker hydrochloric, hydrofluoric and nitric acid digestion.

A multielement standard that is prepared from commercial single element standards is used to calibrate the ICP-MS. The calibration is checked with NIST water 1643c. The accuracy of the digestion and analysis is assessed by analyzing NIST fly ash 2691, NIST dolomitic limestone 88b or NIST Portland Cement 633. The calibration is reassessed every six samples by analyzing a quality control standard. The instrument is recalibrated as required.

Quality control follows the description outlined under coal analysis, Section A1.1.8.

6.5.7 Mercury

Analysis and quality control follow the description outlined under coal analysis, Section A1.1.9. The calibration is validated by analyzing NIST fly ash 1633a.

6.5.8 Fluorine and Selenium

Preparation of samples for fluoride and selenium analyses proceeds as indicated under the coal analysis, Section A1.1.10, except that NIST fly ash 1633a is prepared and analyzed with the samples to verify the ICP-MS selenium calibration.

6.6 WATER QUALITY MEASUREMENTS

Water quality measurements should be made on-site at the time of sample collection (except where recognized sample preservation techniques are available) because many of the chemical reactions involved are acid-base reactions involving precipitation or dissolution of solids; these reactions often are not at equilibrium or are at equilibrium only at process temperatures. The solid portion of the slurry samples may or may not be included in the analysis; this will be decided before the start of the test program. Water quality measurements will be made using the following procedures.

6.6.1 pH

The pH of aqueous solutions is determined using a combination pH electrode (Corning Glass Works #476531) and an automated pH meter (Fisher Scientific Computer Aided Titrimeter). The pH meter is calibrated using purchased pH 4.00 and pH 10.00 buffer solutions. The calibration is verified using purchased pH 4.63 and pH 7.00 buffer solutions. Calibration is considered acceptable if measured values for each of the buffers agree with the certified values within 0.05 pH units. All pH readings are made at room temperature corrected to 25°C. Samples are moderately stirred and the electrode is equilibrated for two minutes before the pH reading is recorded.

The pH of slurries and the paste pH of solids are determined using a combination pH electrode and a digital pH meter (Fisher Scientific #925). Calibration and temperature

compensation are as explained above except for high pH samples where a pH 7.00 buffer solution and a lime slurry (pH 12.5) are used for calibration and pH 10.00 buffer solution is used to verify the calibration. Slurry samples with a moderate pH are stirred and the electrode is equilibrated for two minutes before the pH reading is recorded. Slurry samples with high pH values, (pH > 10.5), are measured without stirring to minimize the absorption of carbon dioxide from the atmosphere. Multiple exposures of the electrode to sample aliquots will be used if sample volume permits. Paste pH values for solid materials such as gypsum and calcium chloride will be determined as set forth in EPA publication **EPA-600/2-78-054**. In this procedure, a minimal amount of distilled water is added to the solid to wet it and the pH is measured without stirring the paste that forms.

6.6.2 Alkalinity

Alkalinity is determined by titrating an aliquot of the sample to a pH of 4.5 with 0.02 N sulfuric acid. An automated titration system is used for the titration. An aliquot of a purchased standard is titrated with each set of samples. If the result obtained for the standard differs by more than 5 mg/L from the known value (225 mg/L as calcium carbonate) remedial action is taken. The titration is terminated when the end point persists for one minute.

6.6.3 Acidity

Acidity is determined on the same sample aliquot used for the alkalinity determination. A measured excess of 0.02 N sulfuric acid solution and several drops of 20% hydrogen peroxide are added to the alkalinity sample. The sample is brought to a boil on a hot plate to oxidize metals and sulfite and drive off carbonate. The sample is cooled to room temperature and titrated with 0.02 N sodium hydroxide solution to a pH of 8.3 using the automated titrator. The value reported as acidity is the net value calculated by subtracting the alkalinity from the measured acidity as outlined in **APHA Standard Method 402**. A standard (225 mg/L acidity as calcium carbonate) is titrated with each set of samples. If the value measured for the standard differs by more than 5 mg/L from the known value, remedial action is taken.

6.6.4 Specific Gravity

Specific gravity is measured by **EPRI FGD Method 10** (in **FGD Chemistry and Analytical Methods Handbook, Volume 2: Chemical and Physical Test Methods**). In this method, a 100 mL volumetric flask is filled with sample and weighed. The weight of sample in the flask is compared to the weight of deionized water that the flask holds at the same temperature. Each sample is run in triplicate and the specific gravity of the sample is reported as the average of the three values.

6.6.5 Weight % Solids

Weight percent solids content is determined using **APHA Standard Method 209 C, "Total Nonfilterable Residue Dried at 103-105°C"**. **EPRI FGD Method 13** may serve as an alternate method.

6.6.6 Total Suspended Solids

Suspended solids content is determined using **APHA Standard Method 209**, as described above. A prepared suspended solids standard (16.1 mg/L) and a deionized water blank are run with each set of samples.

6.6.7 Total Dissolved Solids

Total dissolved solids content is determined using **EPRI FGD Method 11**. A purchased standard (500 mg/L) and a deionized water blank are run with each set of samples.

6.6.8 Hardness

Hardness is calculated from measured calcium and magnesium values using **APHA Standard Method 314 A**. Quality control is the same as described in Section A1.6.13.

6.6.9 Sulfate/Sulfite

Samples for sulfate and sulfite analysis are preserved on-site with formaldehyde solution and analyzed by ion chromatography.

A commercial sulfate standard is combined with a potassium sulfite standard that is freshly prepared in formaldehyde. Serial dilutions of this standard are used to calibrate the ion chromatograph. The calibration is verified using a solution that is prepared for this purpose.

6.6.10 Chloride

Samples for chloride analysis do not require sample preservation. They are analyzed by titration with mercuric nitrate solution to a diphenyl carbazone end point. The normality of the titrant is verified daily by running a purchased chloride standard. Ion chromatography may serve as an alternative method.

6.6.11 Urea/Ammonia

The urea/ammonia content of aqueous streams is determined by measuring total kjeldahl nitrogen as described in **APHA Standard Methods 420A and 417A**. The ammonia content of the digested and distilled sample will be measured by ion specific electrode.

6.6.12 Formic Acid

Formic acid is determined by ion chromatography. It is separated from other components via ion exchange or ion exclusion depending on the concentration of the other components, particularly chloride and fluoride. The ion chromatograph is calibrated with a commercial formic acid standard and the calibration is validated with an appropriate quality control standard.

6.6.13 Major Elements

Samples for metal analysis are preserved with concentrated nitric acid or are filtered and preserved at the time of sample collection. The samples are digested using the EPA procedure for total recoverable metals and analyzed by ICP-AES for aluminum, calcium, iron, manganese, magnesium, potassium, sodium and sulfur.

A commercial multi-element standard is used to calibrate the ICP-AES. The calibration is verified using an Analytical Products Group, Inc., round robin standard and NIST water 3171. The calibration is verified every eight samples by analyzing a quality control standard. If the measured values differ from the known concentrations by more than 3% relative, the instrument is recalibrated.

Samples that do not contain appreciable concentrations of suspended solids undergo two additional quality control tests. First, an electroneutrality balance is calculated from the total major anions and cations in the sample. Second, the total ion concentration is compared to the concentration of total dissolved solids.

6.6.14 Trace Elements (All but Hg and F)

Water samples are digested according to **EPA Method 4.1.3, "Methods for Chemical Analysis of Water and Wastes"**. Elemental concentrations are determined using an ICP-MS.

All samples are digested and analyzed in duplicate. The repeatability of duplicate analyses must be at least 15% (relative) at concentrations that are greater than or equal to 1 ppm and at least 20% (relative) for concentrations between 0.5 and 1 ppm. Samples not meeting this requirement are redigested and reanalyzed.

A multielement standard that is prepared from commercial single element standards is used to calibrate the ICP-MS. The calibration is checked with NIST water 1643c or an appropriate EPA standard water. The calibration is verified every six samples by analyzing a quality control standard. The instrument is recalibrated as required.

6.6.15 Mercury

Water samples are acidified and the mercury is determined using cold vapor-atomic absorption spectroscopy. The atomic absorption spectrometer is calibrated with a commercial mercury standard. The calibration is verified using NIST water 1643b. The calibration is reassessed periodically by analyzing a quality control standard. The instrument is recalibrated as required. All samples are spiked with 20 ppb of mercury and reanalyzed. Spike recovery must be within ± 2 ppb or the sample is diluted and reanalyzed.

6.6.16 Fluoride

The fluoride is determined by ion chromatography. The ion chromatograph is calibrated with commercial aqueous fluoride standards. The accuracy of the calibration is verified by analyzing an Analytical Products Group, Inc. standard.

6.7 STACK AND GASEOUS STREAM SAMPLING METHODS

Where applicable, manual sampling of process streams will be conducted with validated EPA methodology as outlined in the Code of Federal Regulations (CFR-40). In cases where no EPA methodology exist, a combination of EPA draft methods, EPA recommended methods, or alternative methods currently practiced by reputable sampling companies will be used. A brief review of specific methods follows.

6.7.1 Particulate Grain Loading

Particulate grain loading in the flue gas ducts is determined as described in EPA Method 5 and/or EPA Method 17. Method 5 utilizes a heated out-of-stack filter while Method 17 incorporates a high capacity in-stack filter. Both sampling methods isokinetically extract particulate matter from the source which is captured on a glass fiber filter at 248 °F (Method 5) or at stack temperature (Method 17). The particulate sampling methods incorporate the additional EPA methods described as follows:

- EPA Method 1 -** Determination of sampling ports and the number and location of the individual sampling points,
- EPA Method 2 -** Determination of volumetric flow rate including pitot tube calibration,
- EPA Method 3 -** Determination of flue gas CO₂, O₂, molecular weight, and excess air,

EPA Method 4 - Determination of flue gas moisture content,

EPA Method 6 - Determination of SO₂ concentration.

6.7.2 In Situ Particle Size Distribution

6.7.2.1 Series Cyclone Sampler

In situ particle size distribution is measured in high dust loading areas using a five-stage, series cyclone assembly designed by Southern Research Institute (SRI). This device inertially separates particles into six size fractions from 0.75 to 15 µm diameter. The sampling procedure, developed by SRI for the California Air Resource Board (CARB), uses a sampling train similar to EPA Method 5 or EPA Method 17.

6.7.2.2 Cascade Impactor

In situ particle size distribution is measured in light dust loading areas using a seven-stage cascade impactor designed by Southern Research Institute. This device, which inertially separates particles into eight size fractions from 0.75 to 15 µm diameter, is equipped with a right angle preseparator to ensure proper orientation of the gas flow entering the impactor. The impactor assembly will be heated if water condensation within the impactor is observed. The sampling procedure, developed by SRI for the California Air Resource Board (CARB), uses a sampling train similar to EPA Method 5 or EPA Method 17.

6.7.3 Multi-Metal Measurements

The process streams are sampled and analyzed for trace metals as described in the recently approved EPA method for the "Determination of Metals Emissions in Exhaust Gases from Hazardous Waste Incinerators and Similar Sources". This method is similar to EPA Method 5 except the sampling probe, including the nozzle, is constructed completely of glass. After the particulates are removed, the gas passes through a series of impingers containing reagents for volatile metal collection. The particular trace metals/elements of concern are: As, Be, Cd, Co, Cr, Cu, F, Hg, Mn, Mo, Ni, Pb, Sb, Se, Sn, & Zn. In addition to these trace metals, this train will also provide a particulate concentration for Na, K, Ca, Mg, Fe, Ti, P, Si, & Al. The ability of this sampling train to collect some volatile metal compounds (e.g. Hg) is uncertain, and a more reliable sampling method specific for these species is under development.

6.7.4 Sulfur Trioxide (SO₃) (Acid Condensation Method)

SO₃ (H₂SO₄ mist) and SO₂ in flue gas are measured using an EPA "Miniature Acid Condensation System", modified by CONSOL Inc. Flue gas is pulled through a quartz wool filter plug in a heated quartz probe (~500°F) into a glass condenser packed with

glass wool. The condenser is in a 140 °F circulating water bath; SO₃ is selectively removed from the gas stream by condensation at this temperature. The gas exiting the condenser is pulled through impingers containing a 3% H₂O₂ solution which oxidizes the SO₂ to sulfate. The probe, quartz wool filter, and condenser are rinsed after sampling with an isopropyl alcohol/distilled water solution. The SO₃ is determined from the sulfate content of the probe, filter and condenser rinsings. SO₂ is determined from the sulfate in the impingers. Sulfate is determined with a BaCl₂ titration to a thorin endpoint as described in EPA Method 6.

6.7.5 Hydrogen Chloride (HCl) and Chlorine (Cl₂)

HCl and free Cl₂ emissions are measured using **EPA Method 0050**. The sample is isokinetically collected, which is necessary for sampling downstream of wet scrubbers where chloride containing water droplets might be present. The sampling components are similar to the EPA Method 5 particulate sampling train with the exception of the impinger reagents. This system uses two dilute sulfuric acid impingers which selectively remove the HCl, followed by two dilute NaOH impingers which remove any free Cl₂ present in the gas stream. The Cl⁻ ions are then determined by ion chromatography.

6.7.6 Formic Acid (Methanoic Acid)

Formic acid measurements are obtained using a sampling train similar to the EPA Method 5 particulate sampling train. This method is modified by inserting a dilute NaOH impinger upstream of the H₂O₂ impingers. Formic acid readily reacts with NaOH to form soluble sodium formate which is analyzed by ion chromatography.

6.7.7 Ammonia (NH₃)/Urea

At the economizer exit flue gas temperatures, unreacted urea is assumed to decompose to NH₃. NH₃ measurements are obtained by extracting a single-point flue gas sample through a heated probe and filter into an impinger train. The first two impingers are filled with a dilute acid which converts the NH₃ to a soluble salt. After recovery of the impinger solutions, the NH₄⁺ ions are determined by ion chromatography or by an ion specific electrode.

6.7.8 Nitrous Oxide (N₂O)

There is no current standard method for N₂O measurement in flue gas. Two methods under development are being considered. **EPA Procedure 45** involves the in situ extraction of flue gas into a tedlar bag for later analysis via gas chromatography. EPRI and the University of California at Irvine are developing a direct "sample to analyzer" interface. The analysis method will be chosen when more details of the two procedures become available.

6.7.9 Air Toxic Measurement Methods

There are no EPA standard methods for measuring air toxics in flue gas. The Electric Power Research Institute has developed a sampling and analytical protocol, called PISCES, to measure air toxics in coal-fired, power plant flue gas. The PISCES protocol will be used to determine the emission rate of inorganic trace elements, polyaromatic hydrocarbons, semi-volatile organics, acid gases, and volatile organics. A complete description of the PISCES sampling and analytical methods is contained in "Generic Sampling & Analytical Plan for Field Testing," EPRI Project RP 3177-1, August, 1990.

6.7.10 Continuous Emissions Monitoring System

The continuous emissions monitoring (CEM) system consists of analyzers for sulfur dioxide (SO₂), nitrogen oxides (NO_x) and carbon dioxide (CO₂) and a computer for data acquisition. These CEM system components, plus plans for daily calibration, initial system certification and periodic audits are described below.

The SO₂ monitor is a Monitor Labs Model 8850 pulsed-fluorescent analyzer operated in the 0-10 ppm range. The effective measurement range, taking into account the sample dilution provided by the sample acquisition system, is 0-2,000 ppm. In the model 8850 analyzer, the sample is drawn through a reaction chamber illuminated by a mechanically chopped ultraviolet (UV) light beam. SO₂ molecules in the sample absorb the UV and fluoresce. The fluorescent emission is collected by a photomultiplier tube and converted to an electrical signal proportional to the concentration of SO₂ in the sample.

The NO_x monitor is a Monitor Labs Model 8840 chemiluminescent analyzer operated in the 0-5 ppm range. The effective measurement range, taking into account the sample dilution provided by the sample acquisition system, is 0-1,000 ppm. The model 8840 is a dual-channel instrument that continuously monitors both NO and NO_x concentrations in the sample stream. In the analyzer's NO_x channel, the sample stream is drawn through an NO₂-to-NO converter and then into a reaction chamber. Since the NO₂ in this gas stream has been converted to NO, the NO concentration entering the reaction chamber is equal to the total NO_x concentration in the original sample. In the reaction chamber, the sample is mixed with a high concentration of ozone and the consequent reaction oxidizes the NO to NO₂ and emits light energy at an intensity proportional to the NO concentration in the reaction chamber. This energy is collected by a photomultiplier tube and converted to an electrical signal. The NO channel operates in the same way, with the exception that no conversion of NO₂ to NO takes place prior to analysis, so the concentration of NO entering the reaction chamber is equal to the concentration of NO in the original sample. The NO₂ concentration in the sample is determined as the difference between the NO and NO_x channel output signals.

The CO₂ monitor is a Fuji Model 3300 non-dispersive infrared analyzer operated in the 0-20 percent range. Measurement of CO₂ concentration in the Fuji 3300 is based on the absorption of infrared energy in the characteristic wavelength band by CO₂ molecules. The sample stream is drawn through a chamber illuminated by a chopped infrared beam. Opposite the beam from the light source is a detector consisting of two sealed CO₂-filled chambers separated by a microflow sensor. The two chambers are oriented such that the incident light beam passes first through one, and then through the other. Since energy is absorbed by the CO₂ in the front chamber, the beam is attenuated before reaching the second chamber. This causes the two chambers to be differentially pressurized and created a slight flow through the microflow sensor. Attenuation of the beam by CO₂ in the sample affects the intensity of the beam reaching the front cell, and consequently affects the degree of differential pressurization. This combined with the chopping of the beam creates an oscillation of flow through the micro flow sensor with a fixed frequency and an amplitude proportional to the amount of CO₂ in the sample.

Each analyzer undergoes an automatic zero and span check once every 24 hours. The calibration cycle is initiated and controlled by the CEM rack controller and a series of solenoid valves. span gases pass through the sample probe and the complete sample acquisition and dilution system.

Data from the output signals of the respective analyzers are collected, reduced to 15-minute averages and stored on the CEM system computer. Once each day, the facility's mainframe computer interrogates the CEM system computer and downloads the data accumulated since the previous interrogation. All data editing, archiving, calculations and reporting are performed on the mainframe computer. A more complete discussion of data management and reporting is provided in Section 7.0.

The continuous monitoring system will be certified at the outset of the pre-construction monitoring program, in accordance with the provisions of 40 CFR 75 Appendix A. Certification will include a seven-day calibration drift test and relative accuracy test for each of the three parameters. Quarterly audits will be performed for each of the three parameters throughout the preconstruction monitoring program.

7.0 REVIEW OF QA/QC ACTIVITIES

The sampling and analytical procedures described in this section contain specific quality control practices as an integral part of the procedures that will be implemented on this project. This section contains a short summary of the quality assurance program. This program will be followed during the Milliken project test program.

The quality assurance program addresses sample collection and preparation, document control, auditing, analytical testing, record keeping and report preparation. Procedures, personnel, and equipment are carefully monitored and controlled. Highlights of the program follow.

Carefully written analytical and sampling procedures are used. These procedures are reviewed periodically to maintain consistency with industry standards and practices. Professional staff members take an active part in development and testing of new ASTM analysis and sampling procedures.

Personnel selection and training follow documented procedures; personnel are tested upon completion of training.

Analyst performance is monitored using quality control samples, certified standards, blind samples, and duplicate samples.

Round robin programs provide external assessment of laboratory data and performance quality. The lab performance is reviewed by the quality-control coordinator.

Equipment calibration and maintenance are recorded.

A statistical control program verifies that measurements are in statistical control and provides early warning when a method or equipment develops a bias or loses precision.

A sample log is maintained which catalogs the samples by laboratory identification number. Computer generated lab analysis reports insure accurate calculations. Data are reviewed by a professional staff member before release. Official releases are in writing.

7.1 MONITORING PROGRAMS

7.1.1 Continuous Emissions Monitoring

QA/QC for continuous emissions monitoring will begin with certification of each monitoring system to document that it meets appropriate performance specifications.

Certification will be completed prior to beginning monitoring under the acid rain permit, and will consist of the following tests:

- Calibration Error Test - a triplicate three-point calibration check of each pollutant or diluent gas concentration monitor and its sample acquisition and conditioning system using calibration gas.
- Electronic Drift Test - a seven-day test in which flow monitors are subjected to repeated electrical signal challenges to verify their stability.
- Orientation Sensitivity Test - Determination of a gas stream velocity monitor's sensitivity to probe orientation. This test applies only to pitot tubes or equivalent velocity monitors.
- Cycle Time/Response Time Test - Dynamic determination of the time required for a pollutant or diluent gas concentration monitor to respond to a change in pollutant or diluent concentration at the sample probe inlet.
- Relative Accuracy Test Audits - Dynamic comparison of each pollutant or diluent gas concentration or flow monitor to a reference method (e.g., Method 6 for SO₂ or Method 7 for NO_x).

During the monitoring program periodic re-assessments of each monitor's performance will be conducted as follows:

- Quarterly calibration error tests, interference checks (leak check and pressure transducer check) and flow monitor relative accuracy test audits.
- Semiannual relative accuracy test audits of SO₂ and NO_x monitors.
- Annual three-level relative accuracy test audits of flow monitors.

Out-of-Control Periods

If a pollutant gas or flow monitor's agreement with reference method measurements in a relative accuracy test audit is unsatisfactory, that monitor is considered out of control until repair or other corrective action has been carried out and another relative accuracy test audit demonstrates satisfactory performance.

Bias Adjustment Factor

If statistical analysis of the relative accuracy test audit data indicates a bias between a pollutant gas or flow monitor and the corresponding reference method, a bias adjustment factor will be incorporated into the determination of flue gas pollutant concentrations and emission rates or flowrates for that monitor.

7.1.2 Solid, Solid Slurry, and Liquid Sample Analysis QA/QC

At least one known standard is analyzed with each set of samples and samples are analyzed in duplicate. Standards for calibration or quality control are purchased from reputable chemical suppliers. Generally, standards are used as purchased but occasionally are diluted to a range that is appropriate for the analytical procedure and the samples being analyzed. Standardized solutions used for titrations are purchased from reputable suppliers rather than prepared in-house.

CONSOL Inc. participates in several blind round-robin quality assurance programs. These include:

1. Standard Laboratories, Inc., "Interlab" round robin coal program.
2. CT&E Co. round robin coal program for Hardgrove Grindability Index.
3. CONSOL Inc. R&D coal and water round robin programs.
4. Analytical Products Group, Inc., "Environmental Proficiency" testing program for water analysis.

In the CONSOL Inc. coal and water program the unknowns are prepared and distributed by CONSOL personnel not directly involved with the lab. In the other programs the unknowns are prepared and distributed by the outside lab. The laboratory's results are consistently within the control limits recommended by the EPA.

7.1.3 Stack and Flue Gas Sampling and Analysis QA/QC

All sampling equipment is calibrated as described in the EPA quality assurance handbook before and after testing. A comprehensive sampling log documents these calibrations. The following components are included in this inventory:

Pitot Tube Coefficients	Sampling Nozzle Diameters
Dry Test Meter Correction	Temperature Sensors
Wet Test Meter Check	Barometers
Orifice Factor	Differential Pressure Sensors
Electrical Components	Vacuum System
Balance Calibration	Titration Standards

In addition to the calibration inventory, a separate log documents the equipment history, including:

Instrument Type	Part Number
Instrument Description	Corrective Action
Purchase Date	Date of Action
Supplier	Location
Serial Number	Operator

A third log documents the preventative maintenance schedule to insure the equipment is working properly and spot problems at their onset. A final log documents the history of spare parts and consumables.

Field data are collected and recorded on data sheets specific to the sampling objective and retained on file until all the data are reviewed and the project is completed. All related laboratory data (e.g. filter weights, titrations, etc.) are recorded in a bound notebook for permanent storage. All sampling data and calculations are reviewed and verified by two professionals experienced in EPA stack sampling methodology.

8.0 PROGRAM MODIFICATIONS

No modifications have been made to the environmental monitoring program, except for the test schedule slippage which was due to pluggage of the FGD nozzles on Unit 2 and the change in coal sulfur.

9.0 COPIES OF COMPLIANCE REPORTS

This section contains all of the compliance reports submitted to the various regulatory agencies during this period.

9.1 AIR QUALITY

The air quality submission for this quarter included the Monthly Fuel Sulfur Report and Quarterly Data Report which is submitted to the NYSDEC. NO_x emission reporting began in May 1995 and is included in this report.

EPA quarterly reporting of emissions is submitted electronically and is represented by the submittal to the Acid Rain Division which contains a listing of missing data for this quarter.



September 17, 1996

GEMDEC-96-0176
GEM 231 CALL

Mr. Norman F. Boyce, P.E.
New York State Department of
Environmental Conservation
615 Erie Boulevard West
Syracuse, NY 13204-2400

Subject: Coal Sulfur Report - July 1996

Dear Mr. Boyce:

Enclosed for your information are copies of NYSDEC Form 76-15-8, pertaining to fuels consumed at Goudey, Jennison, and Milliken Stations, NYSEG power plants operating in Region 7.

The form entitled "Monthly Summary of Coal Received or Burned by Large User" shows the sulfur content of the coal "as burned" in each unit. This is in accordance with your request.

All analytical work was performed by the independent laboratory facilities of Fuel Engineering Company (Goudey and Milliken) and G&C Coal Analysis Laboratory (Jennison).

If there are any questions, please contact me at 607-762-7196.

Very truly yours,

G.H. Ganoung
Manager, Clean Air Act Compliance

GHG/SAS/scp
Enclosures

An Equal Opportunity Employer

F:\1996\GHG\COAL2.RPT



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 AIR RESOURCES MANAGEMENT PROGRAM
 MONTHLY SUMMARY OF COAL RECEIVED OR BURNED BY LARGE USER

FIRM NAME NEW YORK STATE ELECTRIC & GAS CORPORATION	REPORT FOR MONTH OF JULY	YEAR 96
FACILITY ADDRESS RD #1, LUDLOWVILLE, NY 14862	DATE REPORT SUBMITTED AUGUST 28, 1996	
FACILITY DESCRIPTION MILLIKEN STATION UNIT #1 (BOILER #1)	FACILITY IDENTIFICATION NO 503200	LOCATION FACILITY 0120

COAL EXCEEDING THE MAXIMUM ALLOWABLE SULFUR CONTENT BURNED THIS MONTH

GROSS SAMPLE NO.	LOT SIZE TONS	SULFUR CONTENT LBS S/MIL BTU	ASH CONTENT % WEIGHT	ORIGIN OF COAL	
				NAME OF MINE	STATE
	6675.30	1.76	7.65	WEEK #1	
	7930.41	1.66	7.98	WEEK #2	
	7862.79	1.94	8.90	WEEK #3	
	7039.13	1.93	8.94	WEEK #4	

TOT TONS RECEIVED		
TOTAL TONS RECEIVED OR BURNED THIS MONTH 29,507.58	WEIGHTED AVG SULFUR CONTENT OF TOTAL TONS RECEIVED OR BURNED THIS MONTH 1.82	WEIGHTED AVG ASH CONTENT OF TOTAL TONS RECEIVED OR BURNED THIS MONTH -% BY WT 8.38
TOTAL TONS COAL RECEIVED OR BURNED DURING PAST 3 MONTHS 79,740.75	WEIGHTED AVG SULFUR CONTENT OF COAL RECEIVED DURING PAST 3 MONTHS 1.69	WEIGHTED AVG ASH CONTENT OF TONS RECEIVED OR BURNED DURING PAST 3 MO -% BY WT 7.84

REMARKS:

I HEREBY AFFIRM UNDER PENALTY OF PERJURY THAT TO THE BEST OF MY KNOWLEDGE THE ABOVE INFORMATION IS CORRECT. FALSE STATEMENTS MADE HEREIN ARE PUNISHABLE AS A CLASS A MISDEMEANOR PURSUANT TO SECTION 210.45 OF THE PENAL CODE.

SIGNATURE OF OWNER, OFFICER OR DESIGNEE	NAME D.B. SMITH
TITLE SUPERVISOR - FUEL ENGINEERING	FIRM NAME NEW YORK STATE ELECTRIC & GAS CORP

76-15-8 (1/76)
FORMERLY AIR-152



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
AIR RESOURCES MANAGEMENT PROGRAM

MONTHLY SUMMARY OF COAL RECEIVED OR BURNED BY LARGE USER

FIRM NAME NEW YORK STATE ELECTRIC & GAS CORPORATION				REPORT FOR MONTH OF JULY	YEAR 96
FACILITY ADDRESS RD #1, LUDLOWVILLE, NY 14862				DATE REPORT SUBMITTED AUGUST 28, 1996	
FACILITY DESCRIPTION MILLIKEN STATION UNIT #2 (BOILER #2)				FACILITY IDENTIFICATION NO 503200	FACILITY 0120
COAL EXCEEDING THE MAXIMUM ALLOWABLE SULFUR CONTENT BURNED THIS MONTH					
GROSS SAMPLE NO.	LOT SIZE TONS	SULFUR CONTENT LBS S/MIL BTU	ASH CONTENT % WEIGHT	ORIGIN OF COAL	
				NAME OF MINE	STATE
	6898.67	1.73	7.63	WEEK #1	
	8433.35	1.65	7.98	WEEK #2	
	8093.62	1.96	8.65	WEEK #3	
	6836.61	1.92	8.99	WEEK #4	
TOT TONS RECEIVED					
TOTAL TONS RECEIVED OR BURNED THIS MONTH 30,262.17		WEIGHTED AVG SULFUR CONTENT OF TOTAL TONS RECEIVED OR BURNED THIS MONTH 1.81		WEIGHTED AVG ASH CONTENT OF TOTAL TONS RECEIVED OR BURNED THIS MONTH -% BY WT 8.31	
TOTAL TONS COAL RECEIVED OR BURNED DURING PAST 3 MONTHS 89,386.12		WEIGHTED AVG SULFUR CONTENT OF COAL RECEIVED DURING PAST 3 MONTHS 1.69		WEIGHTED AVG ASH CONTENT OF TONS RECEIVED OR BURNED DURING PAST 3 MO -% BY WT 7.78	
REMARKS:					
I HEREBY AFFIRM UNDER PENALTY OF PERJURY THAT TO THE BEST OF MY KNOWLEDGE THE ABOVE INFORMATION IS CORRECT. FALSE STATEMENTS MADE HEREIN ARE PUNISHABLE AS A CLASS A MISDEMEANOR PURSUANT TO SECTION 210.45 OF THE PENAL CODE.					
SIGNATURE OF OWNER, OFFICER OR DESIGNEE				NAME D.B. SMITH	
TITLE SUPERVISOR - FUEL ENGINEERING				FIRM NAME NEW YORK STATE ELECTRIC & GAS CORP	

76-15-8 (1/76)
FORMERLY AIR-152



November 7, 1996

GEMDEC-96-0234
GEM 231 CALL

Mr. Norman F. Boyce, P.E.
New York State Department of
Environmental Conservation
615 Erie Boulevard West
Syracuse, NY 13204-2400

Subject: Coal Sulfur Report - August 1996

Dear Mr. Boyce:

Enclosed for your information are copies of NYSDEC Form 76-15-8, pertaining to fuels consumed at Goudey, Jennison, and Milliken Stations, NYSEG power plants operating in Region 7.

The form entitled "Monthly Summary of Coal Received or Burned by Large User" shows the sulfur content of the coal "as burned" in each unit. This is in accordance with your request.

All analytical work was performed by the independent laboratory facilities of Fuel Engineering Company (Goudey and Milliken) and G&C Coal Analysis Laboratory (Jennison).

If there are any questions, please contact me at 607-762-7196.

Very truly yours,

G.H. Ganoung
Manager, Clean Air Act Compliance

GHG/SAS/scp
Enclosures



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
AIR RESOURCES MANAGEMENT PROGRAM
MONTHLY SUMMARY OF COAL RECEIVED OR BURNED BY LARGE USER

FIRM NAME NEW YORK STATE ELECTRIC & GAS CORPORATION	REPORT FOR MONTH OF AUGUST	YEAR 96
FACILITY ADDRESS RD #1, LUDLOWVILLE, NY 14862	DATE REPORT SUBMITTED OCTOBER 30, 1996	
FACILITY DESCRIPTION MILLIKEN STATION UNIT #1 (BOILER #1)	FACILITY IDENTIFICATION NO 503200	LOCATION FACILITY 0120

COAL EXCEEDING THE MAXIMUM ALLOWABLE SULFUR CONTENT BURNED THIS MONTH					
GROSS SAMPLE NO.	LOT SIZE TONS	SULFUR CONTENT LBS S/MIL BTU	ASH CONTENT % WEIGHT	ORIGIN OF COAL	
				NAME OF MINE	STATE
	8909.68	1.75	7.81	WEEK #1	
	7556.55	1.78	9.46	WEEK #2	
	8736.24	1.68	10.71	WEEK #3	
	5941.95	1.86	10.20	WEEK #4	

TOTAL TONS RECEIVED OR BURNED THIS MONTH 31,144.36	WEIGHTED AVG SULFUR CONTENT OF TOTAL TONS RECEIVED OR BURNED THIS MONTH 1.76	WEIGHTED AVG ASH CONTENT OF TOTAL TONS RECEIVED OR BURNED THIS MONTH -% BY WT 9.48
TOTAL TONS COAL RECEIVED OR BURNED DURING PAST 3 MONTHS 85,126.19	WEIGHTED AVG SULFUR CONTENT OF COAL RECEIVED DURING PAST 3 MONTHS 1.75	WEIGHTED AVG ASH CONTENT OF TONS RECEIVED OR BURNED DURING PAST 3 MO -% BY WT 8.54

REMARKS:

I HEREBY AFFIRM UNDER PENALTY OF PERJURY THAT TO THE BEST OF MY KNOWLEDGE THE ABOVE INFORMATION IS CORRECT. FALSE STATEMENTS MADE HEREIN ARE PUNISHABLE AS A CLASS A MISDEMEANOR PURSUANT TO SECTION 210.45 OF THE PENAL CODE.

SIGNATURE OF OWNER, OFFICER OR DESIGNEE 	NAME D.B. SMITH
TITLE SUPERVISOR - FUEL ENGINEERING	FIRM NAME NEW YORK STATE ELECTRIC & GAS CORP

76-15-8 (1/76)
FORMERLY AIR-152



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
AIR RESOURCES MANAGEMENT PROGRAM

MONTHLY SUMMARY OF COAL RECEIVED OR BURNED BY LARGE USER

FIRM NAME NEW YORK STATE ELECTRIC & GAS CORPORATION	REPORT FOR MONTH OF AUGUST	YEAR 96
FACILITY ADDRESS RD #1, LUDLOWVILLE, NY 14862	DATE REPORT SUBMITTED OCTOBER 30, 1996	
FACILITY DESCRIPTION MILLIKEN STATION UNIT #2 (BOILER #2)	FACILITY IDENTIFICATION NO LOCATION 503200	FACILITY FACILITY NO 0120

COAL EXCEEDING THE MAXIMUM ALLOWABLE SULFUR CONTENT BURNED THIS MONTH

GROSS SAMPLE NO.	LOT SIZE TONS	SULFUR CONTENT LBS S/MIL BTU	ASH CONTENT % WEIGHT	ORIGIN OF COAL	
				NAME OF MINE	STATE
	9125.74	1.72	7.74	WEEK #1	
	8360.87	1.75	9.83	WEEK #2	
	9309.10	1.70	11.02	WEEK #3	
	6456.45	1.84	9.93	WEEK #4	

TOT TONS RECEIVED

TOTAL TONS RECEIVED OR BURNED THIS MONTH 33,252.09	WEIGHTED AVG SULFUR CONTENT OF TOTAL TONS RECEIVED OR BURNED THIS MONTH 1.75	WEIGHTED AVG ASH CONTENT OF TOTAL TONS RECEIVED OR BURNED THIS MONTH -% BY WT 9.61
---	---	---

TOTAL TONS COAL RECEIVED OR BURNED DURING PAST 3 MONTHS 92,001.56	WEIGHTED AVG SULFUR CONTENT OF COAL RECEIVED DURING PAST 3 MONTHS 1.75	WEIGHTED AVG ASH CONTENT OF TONS RECEIVED OR BURNED DURING PAST 3 MO -% BY WT 8.54
--	---	---

REMARKS:

I HEREBY AFFIRM UNDER PENALTY OF PERJURY THAT TO THE BEST OF MY KNOWLEDGE THE ABOVE INFORMATION IS CORRECT. FALSE STATEMENTS MADE HEREIN ARE PUNISHABLE AS A CLASS A MISDEMEANOR PURSUANT TO SECTION 210.45 OF THE PENAL CODE.

SIGNATURE OF OWNER, OFFICER OR DESIGNEE

NAME

TITLE

D.B. SMITH

SUPERVISOR - FUEL ENGINEERING

FIRM NAME

NEW YORK STATE ELECTRIC & GAS CORP

76-15-8 (1/76)
FORMERLY AIR-152



November 7, 1996

GEMDEC-96-0237
GEM 231 CALL

Mr. Norman F. Boyce, P.E.
New York State Department of
Environmental Conservation
615 Erie Boulevard West
Syracuse, NY 13204-2400

Subject: Coal Sulfur Report - September 1996

Dear Mr. Boyce:

Enclosed for your information are copies of NYSDEC Form 76-15-8, pertaining to fuels consumed at Goudey, Jennison, and Milliken Stations, NYSEG power plants operating in Region 7.

The form entitled "Monthly Summary of Coal Received or Burned by Large User" shows the sulfur content of the coal "as burned" in each unit. This is in accordance with your request.

All analytical work was performed by the independent laboratory facilities of Fuel Engineering Company (Goudey and Milliken) and G&C Coal Analysis Laboratory (Jennison).

If there are any questions, please contact me at 607-762-7196.

Very truly yours,

G.H. Ganoung
Manager, Clean Air Act Compliance

GHG/SAS/scp
Enclosures

An Equal Opportunity Employer



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
AIR RESOURCES MANAGEMENT PROGRAM

MONTHLY SUMMARY OF COAL RECEIVED OR BURNED BY LARGE USER

FIRM NAME NEW YORK STATE ELECTRIC & GAS CORPORATION	REPORT FOR MONTH OF SEPTEMBER	YEAR 96
FACILITY ADDRESS RD #1, LUDLOWVILLE, NY 14862	DATE REPORT SUBMITTED OCTOBER 30, 1996	
FACILITY DESCRIPTION MILLIKEN STATION UNIT #1 (BOILER #1)	FACILITY IDENTIFICATION NO LOCATION 503200	FACILITY FACILITY 0120

COAL EXCEEDING THE MAXIMUM ALLOWABLE SULFUR CONTENT BURNED THIS MONTH

GROSS SAMPLE NO.	LOT SIZE TONS	SULFUR CONTENT LBS S/MIL BTU	ASH CONTENT % WEIGHT	ORIGIN OF COAL	
				NAME OF MINE	STATE
	8714.43	2.27	11.28	WEEK #1	
	8373.04	2.24	10.70	WEEK #2	
	7165.39	2.25	9.32	WEEK #3	
	7758.07	2.20	13.86	WEEK #4	

TOT TONS RECEIVED

TOTAL TONS RECEIVED OR BURNED THIS MONTH
32,010.87

WEIGHTED AVG SULFUR CONTENT OF TOTAL TONS RECEIVED OR BURNED THIS MONTH
2.24

WEIGHTED AVG ASH CONTENT OF TOTAL TONS RECEIVED OR BURNED THIS MONTH -% BY WT
11.32

TOTAL TONS COAL RECEIVED OR BURNED DURING PAST 3 MONTHS
92,662.75

WEIGHTED AVG SULFUR CONTENT OF COAL RECEIVED DURING PAST 3 MONTHS
1.94

WEIGHTED AVG ASH CONTENT OF TONS RECEIVED OR BURNED DURING PAST 3 MO -% BY WT
9.74

REMARKS:

I HEREBY AFFIRM UNDER PENALTY OF PERJURY THAT TO THE BEST OF MY KNOWLEDGE THE ABOVE INFORMATION IS CORRECT. FALSE STATEMENTS MADE HEREIN ARE PUNISHABLE AS A CLASS A MISDEMEANOR PURSUANT TO SECTION 210.45 OF THE PENAL CODE.

SIGNATURE OF OWNER, OFFICER OR DESIGNEE

NAME

D. B. Smith

D.B. SMITH

TITLE

FIRM NAME

SUPERVISOR - FUEL ENGINEERING

NEW YORK STATE ELECTRIC & GAS CORP

76-15-8 (1/76)
FORMERLY AIR-152



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
AIR RESOURCES MANAGEMENT PROGRAM

MONTHLY SUMMARY OF COAL RECEIVED OR BURNED BY LARGE USER

FIRM NAME NEW YORK STATE ELECTRIC & GAS CORPORATION	REPORT FOR MONTH OF SEPTEMBER	YEAR 96
FACILITY ADDRESS RD #1, LUDLOWVILLE, NY 14862	DATE REPORT SUBMITTED OCTOBER 30, 1996	
FACILITY DESCRIPTION MILLIKEN STATION UNIT #2 (BOILER #2)	FACILITY IDENTIFICATION NO LOCATION	FACILITY FACILITY
	503200	0120

COAL EXCEEDING THE MAXIMUM ALLOWABLE SULFUR CONTENT BURNED THIS MONTH

GROSS SAMPLE NO.	LOT SIZE TONS	SULFUR CONTENT LBS S/MIL BTU	ASH CONTENT % WEIGHT	ORIGIN OF COAL	
				NAME OF MINE	STATE
	8235.39	2.28	11.57	WEEK #1	
	9165.24	2.29	11.18	WEEK #2	
	7927.91	2.32	9.49	WEEK #3	
	8609.70	2.04	13.47	WEEK #4	

TOT TONS RECEIVED

TOTAL TONS RECEIVED OR BURNED THIS MONTH 33,938.19	WEIGHTED AVG SULFUR CONTENT OF TOTAL TONS RECEIVED OR BURNED THIS MONTH 2.24	WEIGHTED AVG ASH CONTENT OF TOTAL TONS RECEIVED OR BURNED THIS MONTH -% BY WT 11.46
TOTAL TONS COAL RECEIVED OR BURNED DURING PAST 3 MONTHS 97,452.37	WEIGHTED AVG SULFUR CONTENT OF COAL RECEIVED DURING PAST 3 MONTHS 1.92	WEIGHTED AVG ASH CONTENT OF TONS RECEIVED OR BURNED DURING PAST 3 MO -% BY WT 9.79

REMARKS:

I HEREBY AFFIRM UNDER PENALTY OF PERJURY THAT TO THE BEST OF MY KNOWLEDGE THE ABOVE INFORMATION IS CORRECT. FALSE STATEMENTS MADE HEREIN ARE PUNISHABLE AS A CLASS A MISDEMEANOR PURSUANT TO SECTION 210.45 OF THE PENAL CODE.

SIGNATURE OF OWNER, OFFICER OR DESIGNEE

NAME

D.B. SMITH

TITLE

SUPERVISOR - FUEL ENGINEERING

FIRM NAME

NEW YORK STATE ELECTRIC & GAS CORP

76-15-8 (1/76)
FORMERLY AIR-152



October 30, 1996

GEMDEC-96-0225
GEM 232 CMIL

Mr. Norman F. Boyce, P.E.
New York State Department of
Environmental Conservation
Region 7
615 Erie Boulevard West
Syracuse, NY 13204-2400

Subject: Milliken Station - Quarterly Data Report
July 1 - September 30, 1996

Dear Mr. Boyce:

Pursuant to the Milliken Station Air Permit to Construct Special Condition IV.1.h.i, New York State Electric & Gas Corporation (NYSEG) hereby submits this quarterly report of excess emissions.

The attached tables detail periods when reported SO₂ and/or NO_x emissions or emission rates exceeded the limits contained in the Permit to Construct. All data used for this report has been collected according to the procedures in 40 CFR 75. Data is calculated and reported in the following manner:

1. SO_{2(lb/MMBtu)} - Bias-adjusted SO_{2(ppm)} and CO₂ values as reported to EPA are combined according to the following formula:

$$SO_{2(lb/MMBtu)} = SO_{2(ppm)} \times 1.660 \times 10^{-7} \times 1800 \times \frac{100}{CO_{2(\%)}}$$

2. SO_{2(lb/hr)} - Bias-adjusted SO_{2(lb/hr)} value as reported to EPA.
3. NO_{x(lb/MMBtu)} - Bias-adjusted NO_{x(lb/MMBtu)} value as reported to EPA.
4. NO_{x(lb/hr)} - Bias-adjusted NO_{x(ppm)} and flow values are combined according to the following formula:

$$NO_{x(lb/hr)} = NO_{x(ppm)} \times 1.194 \times 10^{-7} \times flow_{(scfh)}$$

Please contact Mr. Andrew Chadwick of my staff at 607-762-8628 with any questions.

Very truly yours,

G.H. Ganoung
Manager, Clean Air Act Compliance

GHG/AMC/scp
Attachments
An Equal Opportunity Employer

New York State Electric & Gas Corporation
 Milliken Station - Excess Emission Report
 July 1 - September 30, 1996

Pollutant	EP #NEW01 (Unit 1 FGD Stack)		EP #NEW02 (Unit 2 FGD Stack)		(Bypass Stack)	
	Limit	Excess Emissions	Limit	Excess Emissions	Limit	Excess Emissions
SO ₂	5.0 lb/MMBtu ¹	No Exceedances	5.0 lb/MMBtu ¹	No Exceedances	5.0 lb/MMBtu ¹	No Exceedances
	7420 lb/hr ¹	No Exceedances	7585 lb/hr ¹	No Exceedances		No Exceedances
	3.8 lb/MMBtu ²	No Exceedances	3.8 lb/MMBtu ²	No Exceedances	3.8 lb/MMBtu ²	No Exceedances
	5640 lb/hr ²	No Exceedances	5765 lb/hr ²	No Exceedances		No Exceedances
	3.4 lb/MMBtu ³	No Exceedances	3.4 lb/MMBtu ³	No Exceedances	3.4 lb/MMBtu ³	No Exceedances
	5045 lb/hr ³	No Exceedances	5160 lb/hr ³	No Exceedances		No Exceedances

Notes:

1. Hourly average.
2. Rolling 3-month average.
3. Rolling 12-month average.

Pollutant	EP #NEW01 (Unit 1 FGD Stack)		EP #NEW02 (Unit 2 FGD Stack)		(Bypass Stack)	
	Limit	Excess Emissions	Limit	Excess Emissions	Limit	Excess Emissions
NO _x	0.7 lb/MMBtu	No Exceedances	0.7 lb/MMBtu	No Exceedances	0.7 lb/MMBtu	No Exceedances
	1040 lb/hr	No Exceedances	1060 lb/hr	No Exceedances		No Exceedances

MILLIKEN UNIT 1 COAL WEIGHT AVERAGES FOR JUL 96

DAY	TOT MOI	VOL	PCAR	ASH	BTU/LB	SUL	#/MBTU	GRIND	ASH SOFT	FSI	WEIGHT FACTOR	TONS
1	5.90	36.71	49.81	7.58	13017.	2.22	1.71	0.00	0.00	0.00	2429.00	0.00
2	5.96	36.62	49.88	7.54	13000.	2.27	1.75	0.00	0.00	0.00	2629.00	0.00
3	5.12	36.35	50.90	7.63	13211.	2.31	1.75	0.00	0.00	0.00	2265.20	0.00
4	5.70	36.16	50.48	7.66	13029.	2.30	1.77	0.00	0.00	0.00	2103.60	0.00
5	6.14	35.80	50.59	7.47	13025.	2.30	1.77	0.00	0.00	0.00	2109.10	0.00
6	5.69	36.45	50.05	7.81	12990.	2.34	1.80	0.00	0.00	0.00	2315.00	0.00
7	6.16	36.48	49.49	7.87	12968.	2.36	1.82	0.00	0.00	0.00	2596.00	0.00
8	6.03	35.86	50.52	7.59	13027.	2.30	1.77	0.00	0.00	0.00	2814.20	0.00
9	6.09	35.88	50.53	7.50	13032.	1.99	1.53	0.00	0.00	0.00	2782.00	0.00
10	5.84	36.08	50.25	7.83	12977.	1.99	1.53	0.00	0.00	0.00	2197.80	0.00
11	5.58	36.39	50.29	7.74	13075.	2.06	1.58	0.00	0.00	0.00	2734.40	0.00
12	5.02	36.60	50.44	7.94	13163.	2.19	1.66	0.00	0.00	0.00	3106.80	0.00
13	4.91	37.28	49.77	8.04	13122.	2.36	1.80	0.00	0.00	0.00	2713.20	0.00
14	5.23	36.09	50.42	8.26	13022.	2.17	1.67	0.00	0.00	0.00	3261.80	0.00
15	5.49	36.55	50.14	7.82	13029.	2.18	1.67	0.00	0.00	0.00	2924.40	0.00
16	5.20	36.95	49.29	8.56	13073.	2.45	1.87	0.00	0.00	0.00	3162.20	0.00
17	5.79	36.86	49.33	8.02	13072.	2.47	1.89	0.00	0.00	0.00	3230.80	0.00
18	5.17	37.34	50.03	7.46	13160.	2.38	1.81	0.00	0.00	0.00	3354.70	0.00
19	5.17	37.17	50.19	7.47	13204.	2.47	1.87	0.00	0.00	0.00	2731.60	0.00
20	5.24	37.36	49.67	7.73	13162.	2.52	1.91	0.00	0.00	0.00	2147.70	0.00
21	5.21	36.11	50.68	8.00	13123.	2.42	1.84	0.00	0.00	0.00	2363.90	0.00
22	5.99	35.67	48.75	9.59	12773.	2.68	2.10	0.00	0.00	0.00	2928.30	0.00
23	6.52	34.72	47.31	11.45	12363.	2.72	2.20	0.00	0.00	0.00	2974.90	0.00
24	6.58	34.69	47.62	11.11	12401.	2.44	1.97	0.00	0.00	0.00	2955.60	0.00
25	6.09	35.15	48.09	10.67	12518.	2.50	2.00	0.00	0.00	0.00	3230.90	0.00
26	5.38	36.39	49.13	9.10	12802.	2.57	2.01	0.00	0.00	0.00	3232.80	0.00
27	5.25	36.76	48.29	9.70	12805.	2.68	2.09	0.00	0.00	0.00	2117.20	0.00
28	4.77	37.03	48.98	9.22	12942.	2.56	1.98	0.00	0.00	0.00	2670.80	0.00
29	4.75	36.53	49.39	9.33	12863.	2.68	2.08	0.00	0.00	0.00	2716.00	0.00
30	5.83	36.34	50.06	7.77	13001.	2.38	1.83	0.00	0.00	0.00	3303.40	0.00
31	5.78	36.42	50.70	7.10	13149.	2.16	1.64	0.00	0.00	0.00	3039.80	0.00

WEIGHT AVERAGES

5.60	36.34	49.68	8.38	12965.	2.37	1.82	0.00	0.00	0.00	0.00	85141.87	29507.58
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COAL WEIGHT AVERAGES DONE QUARTERLY FOR THE MONTH

5.85	36.31	50.20	7.65	13031.	2.29	1.76	0.00	0.00	0.00	19261.09	6675.30
5.40	36.49	50.14	7.98	13064.	2.18	1.66	0.00	0.00	0.00	22882.59	7930.41
5.74	36.22	49.15	8.90	12896.	2.51	1.94	0.00	0.00	0.00	22687.49	7862.79
5.45	36.33	49.28	8.94	12868.	2.49	1.93	0.00	0.00	0.00	20310.89	7039.13

	JUN	MAY	APR	MAR	FEB	JAN	DEC	NOV	OCT	SEP	AUG
PAST 11 MONTHS OF #SUL/MBTU-->	1.68	1.57	1.34	1.62	1.48	1.54	1.82	1.19	1.52	1.54	1.59

TRIMONTHLY WT.AVES.	6.05	36.21	49.89	7.84	13002.	2.21	1.69	0.00	0.00	0.00	232192.69	79740.75
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12 MON. RUNNING AVES.	5.89	36.15	50.03	7.94	13035.	2.05	1.57	0.00	0.00	0.00	1033376.37	362051.00
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MILLIKEN UNIT 2 COAL WEIGHT AVERAGES FOR JUL 96

DAY	TOT MOI	VOL	FCAR	ASH	BTU/LB	SUL	#/MBTU	GRIND	ASH SOFT	PSI	WEIGHT FACTOR	TONS
1	5.39	37.10	49.99	7.52	13118.	2.21	1.68	0.00	0.00	0.00	2748.40	0.00
2	5.39	36.62	50.44	7.55	13112.	2.36	1.80	0.00	0.00	0.00	2927.50	0.00
3	4.77	36.21	51.20	7.82	13098.	2.28	1.74	0.00	0.00	0.00	2530.60	0.00
4	5.81	35.96	50.64	7.59	13081.	2.28	1.74	0.00	0.00	0.00	2219.40	0.00
5	6.13	36.15	50.06	7.66	12976.	2.23	1.72	0.00	0.00	0.00	2163.60	0.00
6	5.48	36.44	50.35	7.73	13031.	2.44	1.87	0.00	0.00	0.00	1966.80	0.00
7	5.91	36.93	49.52	7.64	12994.	2.33	1.79	0.00	0.00	0.00	2329.70	0.00
8	6.00	37.01	49.40	7.59	13001.	2.12	1.63	0.00	0.00	0.00	3099.60	0.00
9	5.60	37.10	49.56	7.74	13052.	2.03	1.56	0.00	0.00	0.00	2788.80	0.00
10	6.18	35.86	49.98	7.98	12935.	1.90	1.47	0.00	0.00	0.00	2739.70	0.00
11	5.69	36.86	49.78	7.67	13083.	1.97	1.51	0.00	0.00	0.00	2877.80	0.00
12	4.37	36.74	50.66	8.23	13159.	2.23	1.69	0.00	0.00	0.00	3085.80	0.00
13	3.99	37.08	50.91	8.02	13204.	2.31	1.75	0.00	0.00	0.00	2936.60	0.00
14	5.67	35.97	50.25	8.11	12994.	2.14	1.65	0.00	0.00	0.00	3471.20	0.00
15	5.31	35.79	50.93	7.97	13073.	2.23	1.71	0.00	0.00	0.00	3257.00	0.00
16	5.74	38.37	47.82	8.07	13057.	2.43	1.86	0.00	0.00	0.00	3274.70	0.00
17	5.01	36.72	50.01	8.26	13161.	2.52	1.91	0.00	0.00	0.00	3431.20	0.00
18	4.79	37.22	50.25	7.74	13148.	2.41	1.83	0.00	0.00	0.00	3390.80	0.00
19	4.62	38.00	50.03	7.35	13301.	2.47	1.86	0.00	0.00	0.00	3137.00	0.00
20	4.70	37.38	50.58	7.34	13245.	2.47	1.86	0.00	0.00	0.00	2075.40	0.00
21	5.15	36.13	50.59	8.13	13112.	2.41	1.84	0.00	0.00	0.00	2177.80	0.00
22	5.55	36.07	50.28	8.10	13019.	2.49	1.91	0.00	0.00	0.00	3037.00	0.00
23	6.32	34.67	47.99	11.02	12502.	2.93	2.34	0.00	0.00	0.00	3174.80	0.00
24	5.77	35.26	48.16	10.81	12584.	2.69	2.14	0.00	0.00	0.00	3023.40	0.00
25	5.52	36.14	48.16	10.18	12681.	2.57	2.03	0.00	0.00	0.00	3565.00	0.00
26	4.81	37.08	49.14	8.97	12978.	2.50	1.93	0.00	0.00	0.00	3296.20	0.00
27	4.87	36.82	48.66	9.65	12853.	2.63	2.05	0.00	0.00	0.00	2110.80	0.00
28	4.93	36.91	47.97	10.19	12805.	2.57	2.01	0.00	0.00	0.00	2756.80	0.00
29	5.00	37.85	48.16	8.99	12929.	2.54	1.96	0.00	0.00	0.00	2790.20	0.00
30	5.58	36.80	50.01	7.61	13113.	2.40	1.83	0.00	0.00	0.00	2802.40	0.00
31	5.16	38.39	49.50	6.95	13255.	2.21	1.67	0.00	0.00	0.00	2484.40	0.00

*WEIGHT AVERAGES** 5.33 36.69 49.67 8.31 13016. 2.36 1.81 0.00 0.00 0.00 87670.12 30262.17

COAL WEIGHT AVERAGES DONE QUARTERLY FOR THE MONTH

5.60	36.59	50.18	7.63	13054.	2.27	1.73	0.00	0.00	0.00	19985.59	6898.67
5.32	36.72	49.98	7.98	13070.	2.16	1.65	0.00	0.00	0.00	24431.59	8433.35
5.26	36.42	49.67	8.65	12999.	2.55	1.96	0.00	0.00	0.00	23447.39	8093.62
5.14	37.09	48.78	8.99	12934.	2.49	1.92	0.00	0.00	0.00	19805.79	6836.61

PAST 11 MONTHS OF #SUL/MBTU--> JUN 1.71 MAY 1.56 APR 1.33 MAR 1.82 FEB 1.46 JAN 1.54 DEC 1.83 NOV 1.18 OCT 1.47 SEP 1.47 AUG 1.59

MONTHLY WT.AVES. 6.02 36.28 49.92 7.78 13029. 2.21 1.69 0.00 0.00 0.00 258966.44 89386.12

MON. RUNNING AVES. 5.97 36.16 50.09 7.78 13045. 2.04 1.56 0.00 0.00 0.00 1049768.00 364850.69

MILLIKEN UNIT 1 COAL WEIGHT AVERAGES FOR AUG 96

DAY	TOT MOI	VOL	FCAR	ASH	BTU/LB	SUL	#/MBTU	GRIND	ASH SOFT	FSI	WEIGHT FACTOR	TONS
1	5.87	36.72	50.37	7.04	13110.	2.15	1.64	0.00	0.00	0.00	2929.40	0.00
2	6.51	36.38	49.80	7.31	13052.	2.35	1.80	0.00	0.00	0.00	2772.80	0.00
3	7.36	36.48	49.02	7.14	12955.	2.09	1.61	0.00	0.00	0.00	2663.80	0.00
4	6.68	36.75	49.32	7.25	13029.	2.22	1.70	0.00	0.00	0.00	2988.40	0.00
5	7.13	36.71	48.98	7.18	12931.	2.22	1.72	0.00	0.00	0.00	3134.20	0.00
6	5.93	36.57	49.87	7.63	13063.	2.31	1.77	0.00	0.00	0.00	3417.20	0.00
7	5.70	36.50	49.10	8.70	12990.	2.35	1.81	0.00	0.00	0.00	3408.90	0.00
8	5.39	36.10	48.60	9.91	12808.	2.56	2.00	0.00	0.00	0.00	3225.20	0.00
9	5.66	36.70	48.04	9.60	12818.	2.30	1.79	0.00	0.00	0.00	2524.40	0.00
10	6.67	35.46	48.33	9.54	12686.	2.32	1.83	0.00	0.00	0.00	1983.60	0.00
11	6.38	35.32	47.67	10.63	12531.	2.43	1.94	0.00	0.00	0.00	1899.20	0.00
12	6.89	35.41	47.19	10.51	12417.	2.91	2.34	0.00	0.00	0.00	2479.80	0.00
13	6.71	35.56	49.16	8.57	12849.	2.15	1.67	0.00	0.00	0.00	2844.20	0.00
14	7.00	36.72	48.83	7.45	12987.	2.14	1.65	0.00	0.00	0.00	3121.00	0.00
15	6.71	36.01	49.29	7.99	12833.	2.10	1.64	0.00	0.00	0.00	2856.80	0.00
16	6.12	34.18	47.76	11.94	12280.	1.98	1.61	0.00	0.00	0.00	3104.00	0.00
17	5.40	34.65	48.32	11.63	12468.	2.00	1.60	0.00	0.00	0.00	2494.60	0.00
18	6.06	35.03	48.38	10.53	12529.	1.93	1.54	0.00	0.00	0.00	2589.80	0.00
19	5.89	35.36	48.01	10.74	12618.	2.01	1.59	0.00	0.00	0.00	3274.40	0.00
20	5.81	34.66	48.52	11.01	12574.	2.06	1.64	0.00	0.00	0.00	3525.20	0.00
21	5.20	34.78	48.17	11.85	12473.	2.23	1.79	0.00	0.00	0.00	3456.60	0.00
22	5.43	35.06	48.77	10.74	12618.	2.31	1.83	0.00	0.00	0.00	3415.20	0.00
23	6.31	34.91	48.73	10.05	12557.	2.22	1.77	0.00	0.00	0.00	3069.60	0.00
24	5.68	35.66	50.15	8.51	12954.	2.16	1.67	0.00	0.00	0.00	2236.80	0.00
25	6.13	35.36	49.43	9.08	12802.	2.15	1.68	0.00	0.00	0.00	1903.60	0.00
26	5.60	36.23	48.86	9.31	12871.	2.16	1.68	0.00	0.00	0.00	2537.20	0.00
27	5.51	35.45	48.93	10.11	12707.	2.17	1.71	0.00	0.00	0.00	3226.40	0.00
28	5.05	35.90	50.19	8.86	12980.	2.23	1.72	0.00	0.00	0.00	2971.40	0.00
29	5.65	35.77	48.47	10.11	12691.	2.55	2.01	0.00	0.00	0.00	2898.00	0.00
30	4.05	35.55	49.50	10.90	12744.	2.69	2.11	0.00	0.00	0.00	274.10	0.00
31	4.67	35.18	46.55	13.60	12244.	2.97	2.43	0.00	0.00	0.00	2555.20	0.00

***WEIGHT AVERAGES**

6.01	35.72	48.78	9.48	12751.	2.25	1.76	0.00	0.00	0.00	0.00	85780.75	31144.36
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COAL WEIGHT AVERAGES DONE QUARTERLY FOR THE MONTH

6.29	36.52	49.37	7.81	12991.	2.28	1.75	0.00	0.00	0.00	0.00	24539.89	8909.68
6.53	35.68	48.33	9.46	12683.	2.26	1.78	0.00	0.00	0.00	0.00	20812.99	7556.55
5.72	34.99	48.58	10.71	12589.	2.12	1.68	0.00	0.00	0.00	0.00	24062.19	8736.24
5.38	35.66	48.76	10.20	12719.	2.37	1.86	0.00	0.00	0.00	0.00	16365.89	5941.95

PAST 11 MONTHS OF #SUL/MBTU-->	JUL	JUN	MAY	APR	MAR	FEB	JAN	DEC	NOV	OCT	SEP
	1.82	1.68	1.57	1.34	1.62	1.48	1.54	1.82	1.19	1.52	1.54

TRIMONTHLY WT.AVES.	5.83	36.17	49.46	8.54	12918.	2.27	1.75	0.00	0.00	0.00	242309.37	85126.19
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12 MON. RUNNING AVES.	5.96	36.12	49.89	8.04	13005.	2.06	1.58	0.00	0.00	0.00	1019916.31	359036.50
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MILLIKEN UNIT 2 COAL WEIGHT AVERAGES FOR AUG 96

DAY	TOT MOI	VOL	FCAR	ASH	BTU/LB	SUL	#/MBTU	GRIND	ASH SOFT	PSI	WEIGHT FACTOR	TONS
1	5.80	37.90	49.33	6.97	13205.	2.15	1.63	0.00	0.00	0.00	2471.50	0.00
2	7.15	36.36	49.41	7.08	12964.	2.10	1.62	0.00	0.00	0.00	2000.00	0.00
3	7.20	36.12	49.38	7.30	12936.	2.09	1.62	0.00	0.00	0.00	2468.80	0.00
4	6.50	37.63	48.96	6.91	13086.	2.08	1.59	0.00	0.00	0.00	3472.20	0.00
5	5.96	36.46	50.50	7.08	13145.	2.17	1.65	0.00	0.00	0.00	3633.40	0.00
6	5.81	36.28	49.92	7.99	12938.	2.48	1.92	0.00	0.00	0.00	3609.00	0.00
7	4.95	37.18	49.43	8.44	13151.	2.43	1.85	0.00	0.00	0.00	3649.60	0.00
8	5.66	35.80	48.98	9.56	12837.	2.41	1.88	0.00	0.00	0.00	3366.80	0.00
9	6.15	35.26	47.71	10.88	12556.	2.29	1.82	0.00	0.00	0.00	2982.60	0.00
10	6.62	34.90	47.77	10.71	12485.	2.30	1.84	0.00	0.00	0.00	1877.80	0.00
11	5.57	35.81	49.19	9.43	12924.	2.18	1.69	0.00	0.00	0.00	1951.30	0.00
12	7.23	35.00	47.76	10.01	12491.	2.53	2.03	0.00	0.00	0.00	3020.60	0.00
13	6.27	36.17	48.61	8.95	12859.	2.35	1.83	0.00	0.00	0.00	3302.30	0.00
14	6.69	35.80	49.83	7.68	12891.	2.13	1.65	0.00	0.00	0.00	2995.00	0.00
15	6.18	35.62	48.79	9.41	12724.	2.07	1.63	0.00	0.00	0.00	3200.10	0.00
16	7.70	33.87	46.72	11.71	12097.	1.93	1.60	0.00	0.00	0.00	3273.80	0.00
17	5.71	34.92	47.88	11.49	12378.	2.61	2.11	0.00	0.00	0.00	2398.80	0.00
18	6.05	34.95	48.77	10.23	12592.	1.96	1.56	0.00	0.00	0.00	2272.00	0.00
19	5.51	35.31	47.51	11.67	12559.	2.01	1.60	0.00	0.00	0.00	3401.50	0.00
20	5.35	35.41	48.29	10.95	12684.	1.99	1.57	0.00	0.00	0.00	3610.10	0.00
21	5.46	34.46	47.80	12.28	12344.	2.12	1.72	0.00	0.00	0.00	3672.40	0.00
22	5.01	35.34	48.42	11.23	12639.	2.12	1.68	0.00	0.00	0.00	3584.80	0.00
23	6.05	35.22	48.47	10.26	12646.	2.25	1.78	0.00	0.00	0.00	3559.40	0.00
24	6.17	35.00	49.29	9.54	12719.	2.20	1.73	0.00	0.00	0.00	2668.00	0.00
25	5.73	35.48	49.07	9.72	12757.	2.19	1.72	0.00	0.00	0.00	1862.10	0.00
26	5.64	35.12	49.27	9.97	12725.	2.25	1.77	0.00	0.00	0.00	2685.40	0.00
27	5.66	35.32	48.94	10.08	12680.	2.16	1.70	0.00	0.00	0.00	354.70	0.00
28	5.44	35.48	50.16	8.92	12880.	2.13	1.65	0.00	0.00	0.00	3445.60	0.00
29	4.30	36.18	50.36	9.16	12970.	2.26	1.74	0.00	0.00	0.00	3363.90	0.00
30	5.01	35.24	49.03	10.72	12693.	2.64	2.08	0.00	0.00	0.00	3234.20	0.00
31	4.73	36.45	47.41	11.41	12645.	2.78	2.20	0.00	0.00	0.00	2509.00	0.00
WEIGHT AVERAGES**	5.88	35.70	48.81	9.61	12753.	2.23	1.75	0.00	0.00	0.00	89896.44	33252.09

COAL WEIGHT AVERAGES DONE QUARTERLY FOR THE MONTH

6.03	36.72	49.51	7.74	13036.	2.25	1.72	0.00	0.00	0.00	24671.29	9125.74
6.60	35.30	48.27	9.83	12619.	2.21	1.75	0.00	0.00	0.00	22603.48	8360.87
5.62	35.09	48.27	11.02	12572.	2.14	1.70	0.00	0.00	0.00	25166.99	9309.10
5.10	35.65	49.32	9.93	12788.	2.36	1.84	0.00	0.00	0.00	17454.89	6456.45

PAST 11 MONTHS OF #SUL/MBTU-->	JUL	JUN	MAY	APR	MAR	FEB	JAN	DEC	NOV	OCT	SEP
	1.81	1.71	1.56	1.33	1.82	1.46	1.54	1.83	1.18	1.47	1.47

T...MONTHLY WT.AVES. 5.63 36.32 49.52 8.54 12952. 2.27 1.75 0.00 0.00 0.00 260322.87 92001.56

1 MON. RUNNING AVES. 6.05 36.12 49.94 7.89 13011. 2.05 1.57 0.00 0.00 0.00 1039389.87 363301.44

MILLIKEN UNIT 1 COAL WEIGHT AVERAGES FOR SEP 96

DAY	TOT MOI	VOL	FCAR	ASH	BTU/LB	SUL	#/MBTU	GRIND	ASH SOFT	PSI	WEIGHT FACTOR	TONS
1	4.53	35.33	48.09	12.05	12519.	2.82	2.25	0.00	0.00	0.00	1978.40	0.00
2	4.68	36.76	47.55	11.01	12650.	2.84	2.25	0.00	0.00	0.00	1951.20	0.00
3	4.63	35.71	48.38	11.28	12656.	2.95	2.33	0.00	0.00	0.00	2551.20	0.00
4	5.51	37.27	45.23	11.99	12404.	2.91	2.35	0.00	0.00	0.00	3577.80	0.00
5	5.82	35.07	47.02	12.09	12375.	3.19	2.58	0.00	0.00	0.00	3703.40	0.00
6	5.60	37.49	45.93	10.98	12564.	2.92	2.32	0.00	0.00	0.00	3448.00	0.00
7	6.12	34.96	48.09	10.83	12531.	2.74	2.19	0.00	0.00	0.00	3511.00	0.00
8	6.54	35.11	48.32	10.03	12568.	2.42	1.93	0.00	0.00	0.00	3054.40	0.00
9	6.40	35.57	47.80	10.23	12582.	2.55	2.03	0.00	0.00	0.00	3424.60	0.00
10	6.89	36.87	45.08	11.16	12359.	2.87	2.32	0.00	0.00	0.00	3364.80	0.00
11	7.05	35.95	45.93	11.07	12364.	2.80	2.26	0.00	0.00	0.00	2977.00	0.00
12	6.65	35.60	47.09	10.66	12492.	2.98	2.39	0.00	0.00	0.00	3060.00	0.00
13	6.61	35.02	46.96	11.41	12381.	2.94	2.37	0.00	0.00	0.00	2916.60	0.00
14	7.37	35.12	47.02	10.49	12382.	2.91	2.35	0.00	0.00	0.00	2332.80	0.00
15	7.98	34.59	46.98	10.45	12306.	2.63	2.14	0.00	0.00	0.00	1832.00	0.00
16	7.74	35.57	46.70	9.99	12446.	2.68	2.15	0.00	0.00	0.00	2936.20	0.00
17	7.85	34.53	47.00	10.62	12303.	2.70	2.19	0.00	0.00	0.00	3300.80	0.00
18	7.90	34.81	46.73	10.56	12262.	2.94	2.40	0.00	0.00	0.00	2975.80	0.00
19	7.87	35.78	47.38	8.97	12522.	2.86	2.28	0.00	0.00	0.00	2844.80	0.00
20	8.40	36.55	46.57	8.48	12512.	2.96	2.37	0.00	0.00	0.00	2527.60	0.00
21	7.09	36.65	48.03	8.23	12925.	2.88	2.23	0.00	0.00	0.00	2830.40	0.00
22	7.09	36.11	48.08	8.72	12811.	2.83	2.21	0.00	0.00	0.00	2189.00	0.00
23	7.00	36.06	47.79	9.15	12684.	2.75	2.17	0.00	0.00	0.00	2880.80	0.00
24	5.93	34.41	44.95	14.71	11976.	3.66	3.06	0.00	0.00	0.00	3043.80	0.00
25	5.96	33.62	44.29	16.13	11730.	2.77	2.36	0.00	0.00	0.00	2721.60	0.00
26	7.21	33.98	46.32	12.49	12131.	2.55	2.10	0.00	0.00	0.00	2545.60	0.00
27	5.29	34.67	46.39	13.65	12249.	2.54	2.07	0.00	0.00	0.00	3197.20	0.00
28	5.49	33.91	46.83	13.77	12158.	2.40	1.97	0.00	0.00	0.00	3323.20	0.00
29	6.25	33.98	46.80	12.97	12142.	2.40	1.98	0.00	0.00	0.00	3070.60	0.00
30	6.33	33.95	46.32	13.40	12185.	2.40	1.97	0.00	0.00	0.00	3264.20	0.00

***WEIGHT AVERAGES**

6.51	35.37	46.81	11.32	12399.	2.79	2.24	0.00	0.00	0.00	0.00	87334.56	32010.87
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COAL WEIGHT AVERAGES DONE QUARTERLY FOR THE MONTH

5.55	35.97	47.20	11.28	12519.	2.85	2.27	0.00	0.00	0.00	23775.39	8714.43
7.02	35.62	46.67	10.70	12423.	2.79	2.24	0.00	0.00	0.00	22843.99	8373.04
7.61	35.73	47.35	9.32	12559.	2.84	2.25	0.00	0.00	0.00	19549.19	7165.39
6.03	34.08	46.02	13.86	12089.	2.66	2.20	0.00	0.00	0.00	21166.19	7758.07

PAST 11 MONTHS OF #SUL/MBTU-->	AUG	JUL	JUN	MAY	APR	MAR	FEB	JAN	DEC	NOV	OCT
	1.76	1.82	1.68	1.57	1.34	1.62	1.48	1.54	1.82	1.19	1.52

TRIMONTHLY WT.AVES.	6.05	35.81	48.41	9.74	12703.	2.46	1.94	0.00	0.00	0.00	258257.19	92662.75
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12 MON. RUNNING AVES.	6.06	36.10	49.60	8.24	12955.	2.13	1.64	0.00	0.00	0.00	1014566.00	358370.31
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MILLIKEN UNIT 2 COAL WEIGHT AVERAGES FOR SEP 96

DAY	TOT MOI	VOL	FCAR	ASH	BTU/LB	SUL	#/MBTU	GRIND	ASH SOFT	FSI	WEIGHT FACTOR	TONS
1	4.43	35.86	48.47	11.24	12688.	2.83	2.23	0.00	0.00	0.00	1928.40	0.00
2	4.93	35.12	48.67	11.28	12654.	2.72	2.15	0.00	0.00	0.00	1962.80	0.00
3	5.26	35.78	48.12	10.84	12589.	2.67	2.12	0.00	0.00	0.00	333.10	0.00
4	5.52	35.29	46.42	12.77	12316.	3.26	2.65	0.00	0.00	0.00	3631.80	0.00
5	4.69	35.75	47.54	12.02	12543.	2.97	2.37	0.00	0.00	0.00	3620.00	0.00
6	5.01	35.73	48.19	11.07	12679.	2.89	2.28	0.00	0.00	0.00	3532.20	0.00
7	5.42	35.60	47.67	11.31	12535.	2.59	2.07	0.00	0.00	0.00	2996.20	0.00
8	6.16	34.79	48.09	10.96	12474.	2.72	2.18	0.00	0.00	0.00	3275.40	0.00
9	7.18	35.83	46.35	10.64	12359.	2.69	2.18	0.00	0.00	0.00	3481.30	0.00
10	7.04	36.73	45.08	11.15	12321.	2.69	2.18	0.00	0.00	0.00	3542.80	0.00
11	7.37	35.25	45.77	11.61	12200.	3.07	2.52	0.00	0.00	0.00	3273.60	0.00
12	6.83	35.25	46.31	11.62	12212.	2.86	2.34	0.00	0.00	0.00	3225.60	0.00
13	6.55	34.95	46.84	11.66	12323.	2.75	2.23	0.00	0.00	0.00	3170.40	0.00
14	6.45	35.77	46.99	10.79	12419.	2.83	2.28	0.00	0.00	0.00	2308.00	0.00
15	7.69	34.14	47.37	10.80	12300.	2.78	2.26	0.00	0.00	0.00	1777.20	0.00
16	7.41	34.65	47.03	10.91	12297.	2.99	2.43	0.00	0.00	0.00	2903.70	0.00
17	7.33	35.22	47.10	10.35	12441.	2.97	2.39	0.00	0.00	0.00	3484.40	0.00
18	8.26	33.61	47.49	10.64	12211.	2.96	2.42	0.00	0.00	0.00	3187.20	0.00
19	8.01	36.07	47.06	8.86	12571.	2.70	2.15	0.00	0.00	0.00	2527.80	0.00
20	9.57	35.80	46.16	8.47	12301.	3.14	2.55	0.00	0.00	0.00	2836.40	0.00
21	6.95	36.76	48.40	7.89	13008.	2.88	2.21	0.00	0.00	0.00	2994.60	0.00
22	7.34	35.88	47.32	9.46	12573.	2.81	2.23	0.00	0.00	0.00	2515.20	0.00
23	7.14	35.57	46.88	10.41	12304.	2.85	2.32	0.00	0.00	0.00	2939.80	0.00
24	5.89	34.69	46.12	13.30	12134.	2.81	2.32	0.00	0.00	0.00	3397.00	0.00
25	6.20	34.75	44.52	14.53	11991.	2.68	2.24	0.00	0.00	0.00	2661.20	0.00
26	7.78	33.97	46.67	11.58	12218.	2.41	1.97	0.00	0.00	0.00	2647.80	0.00
27	5.69	34.26	47.13	12.92	12157.	2.38	1.96	0.00	0.00	0.00	3371.20	0.00
28	5.46	34.11	46.40	14.03	12128.	2.38	1.96	0.00	0.00	0.00	3475.00	0.00
29	5.87	34.00	46.06	14.07	11988.	2.36	1.97	0.00	0.00	0.00	3117.00	0.00
30	6.88	34.20	45.25	13.67	12040.	2.38	1.98	0.00	0.00	0.00	3577.90	0.00

WEIGHT AVERAGES

6.57	35.16	46.82	11.46	12348.	2.77	2.24	0.00	0.00	0.00	87694.81	33938.19
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COAL WEIGHT AVERAGES DONE QUARTERLY FOR THE MONTH

5.22	35.45	47.76	11.57	12539.	2.87	2.28	0.00	0.00	0.00	21279.89	8235.39
7.05	35.41	46.36	11.18	12300.	2.83	2.29	0.00	0.00	0.00	23682.59	9165.24
7.79	35.51	47.21	9.49	12481.	2.90	2.32	0.00	0.00	0.00	20485.39	7927.91
6.21	34.28	46.04	13.47	12094.	2.48	2.04	0.00	0.00	0.00	22247.09	8609.70

P	11 MONTHS OF #SUL/MBTU-->	AUG	JUL	JUN	MAY	APR	MAR	FEB	JAN	DEC	NOV	OCT
		1.75	1.81	1.71	1.56	1.33	1.82	1.46	1.54	1.83	1.18	1.47

T.	MONTHLY WT.AVES.	5.92	35.85	48.44	9.79	12706.	2.45	1.92	0.00	0.00	0.00	265261.37	97452.37
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17	MON. RUNNING AVES.	6.11	36.06	49.65	8.18	12953.	2.11	1.62	0.00	0.00	0.00	1076926.00	380005.44
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NEW YORK STATE ELECTRIC & GAS

Daily Heat Input

Date	Goudey 7 Heat Input (MMBtu)	Goudey 8 Heat Input (MMBtu)	Greenidge 3 Heat Input (MMBtu)	Greenidge 4 Heat Input (MMBtu)	Hickling 1 Heat Input (MMBtu)	Hickling 2 Heat Input (MMBtu)	Jennison 1 Heat Input (MMBtu)	Jennison 2 Heat Input (MMBtu)	Milliken 1 Heat Input (MMBtu)	Milliken 2 Heat Input (MMBtu)	Kintigh 1 Heat Input (MMBtu)
07/01/96	11,246.7	16,173.0	2,590.3	13,970.9	0.0	7,986.7	9,068.1	4,972.1	26,218.9	29,784.0	109,056.7
07/02/96	12,034.7	17,359.2	2,986.2	18,376.2	0.0	8,976.0	7,867.8	4,407.9	28,660.8	32,106.8	108,457.7
07/03/96	5,549.1	14,968.8	1,694.9	13,783.8	0.0	8,131.0	6,961.4	4,452.6	24,678.7	27,073.0	96,678.5
07/04/96	0.0	15,482.1	0.0	14,775.3	0.0	7,824.7	5,995.1	3,862.1	23,146.7	24,798.4	95,734.7
07/05/96	0.0	14,711.2	0.0	14,038.9	0.0	8,457.4	6,579.0	4,488.4	23,142.7	23,571.3	89,747.8
07/06/96	0.0	14,098.0	0.0	13,886.6	0.0	7,488.5	4,286.7	3,389.7	25,903.1	21,908.0	78,376.7
07/07/96	4,076.1	17,865.3	427.3	16,740.7	0.0	8,957.5	6,600.1	4,039.8	29,521.1	26,174.2	84,945.4
07/08/96	11,577.2	17,238.2	5,780.9	21,309.3	0.0	9,130.6	6,873.4	4,195.3	30,271.2	33,366.4	121,027.1
07/09/96	12,885.0	16,799.2	6,450.7	17,627.7	0.0	9,780.3	7,236.8	5,611.2	30,113.1	30,707.6	98,333.7
07/10/96	10,136.8	17,392.9	5,237.9	15,278.6	0.0	6,043.3	6,353.8	4,793.0	24,643.9	30,166.7	90,443.1
07/11/96	10,817.1	17,699.0	6,466.2	14,603.2	0.0	5,544.1	8,098.3	4,713.6	30,266.5	32,041.8	76,502.2
07/12/96	8,955.7	17,956.9	4,882.4	16,856.0	0.0	6,000.7	9,067.5	5,506.2	33,605.3	34,199.4	98,428.9
07/13/96	2,484.8	16,665.4	4,620.5	16,094.1	0.0	5,959.7	10,473.8	6,102.5	30,080.2	32,151.9	118,925.3
07/14/96	8,073.6	18,950.5	4,646.4	20,635.3	0.0	6,450.1	11,087.4	5,955.2	35,793.5	38,034.7	141,603.7
07/15/96	9,816.5	18,165.1	5,376.1	18,842.2	0.0	10,748.9	11,055.3	9,337.0	32,033.3	35,605.9	117,870.8
07/16/96	8,996.3	18,071.8	5,921.7	18,546.3	0.0	11,970.8	10,572.7	9,802.9	35,296.1	36,889.4	108,610.9
07/17/96	13,827.1	17,500.7	6,700.0	21,139.1	0.0	10,886.1	9,730.0	9,954.6	36,436.2	38,647.8	132,797.7
07/18/96	11,091.1	16,495.5	6,282.9	21,007.5	0.0	9,827.6	9,083.9	8,946.7	37,061.6	37,046.0	125,125.6
07/19/96	14,432.0	18,081.7	6,509.8	18,590.7	0.0	9,963.7	9,114.4	8,332.8	30,018.9	34,618.0	120,372.0
07/20/96	11,229.6	15,704.0	3,963.1	13,576.8	0.0	9,606.2	8,793.9	7,872.7	24,270.5	23,444.2	76,936.0
07/21/96	12,119.6	14,960.1	0.0	13,245.6	0.0	9,903.1	7,751.2	8,118.7	26,917.8	24,775.2	90,274.6
07/22/96	13,657.9	16,634.3	0.0	19,800.3	0.0	9,461.5	7,636.7	8,201.8	32,804.8	34,185.7	124,918.4
07/23/96	11,299.6	16,941.6	777.6	20,785.7	0.0	9,763.2	8,250.4	7,912.9	33,700.9	35,550.1	124,759.2
07/24/96	11,647.3	17,989.9	6,617.7	21,857.5	0.0	11,126.9	9,042.5	8,657.2	32,925.2	34,067.7	127,435.1
07/25/96	12,876.4	17,701.1	8,252.2	24,082.4	0.0	11,988.0	10,472.7	8,585.1	35,656.2	39,480.0	141,116.3
07/26/96	11,563.6	17,359.3	7,019.4	18,577.3	0.0	9,798.4	8,816.4	4,422.7	35,276.6	35,845.7	120,424.8
07/27/96	7,430.8	14,768.4	6,117.6	13,660.3	0.0	8,212.8	7,064.7	4,112.8	24,132.1	24,021.9	68,643.1
07/28/96	7,610.9	15,712.2	5,824.4	13,264.6	0.0	9,471.0	7,969.5	3,988.9	30,258.5	31,158.3	89,023.8
07/29/96	10,104.3	14,851.6	6,961.4	14,954.7	0.0	10,076.9	8,531.9	5,047.8	30,395.8	31,056.6	119,131.5
07/30/96	11,540.5	17,561.6	7,004.4	20,954.8	0.0	10,755.7	9,376.1	5,231.4	37,049.4	30,899.9	138,805.4
07/31/96	13,995.0	17,254.7	5,319.6	18,262.1	0.0	8,741.5	8,553.8	2,493.2	33,431.0	27,657.2	119,915.2

NEW YORK STATE ELECTRIC & GAS

Daily Heat Input

Date	Goudey 7 Heat Input (MMBtu)	Goudey 8 Heat Input (MMBtu)	Greenidge 3 Heat Input (MMBtu)	Greenidge 4 Heat Input (MMBtu)	Hickling 1 Heat Input (MMBtu)	Hickling 2 Heat Input (MMBtu)	Jennison 1 Heat Input (MMBtu)	Jennison 2 Heat Input (MMBtu)	Milliken 1 Heat Input (MMBtu)	Milliken 2 Heat Input (MMBtu)	Kintigh 1 Heat Input (MMBtu)
08/01/96	11,014.0	15,716.8	3,450.2	18,767.0	0.0	10,544.1	9,279.3	14.8	32,745.5	27,701.5	91,474.5
08/02/96	12,123.3	16,448.1	0.0	17,400.5	0.0	11,924.6	9,804.1	1,301.0	31,374.0	22,572.1	85,085.1
08/03/96	12,226.0	14,915.1	0.0	14,787.8	0.0	12,034.9	9,759.3	4,241.9	30,502.6	28,737.3	98,189.5
08/04/96	10,989.5	18,625.1	0.0	16,262.1	0.0	12,047.8	9,741.3	4,867.9	33,054.9	38,750.6	120,850.8
08/05/96	14,700.8	18,535.3	0.0	21,237.9	0.0	11,991.8	9,825.5	4,827.6	35,225.6	40,739.0	141,983.3
08/06/96	15,395.3	19,694.7	0.0	23,187.4	0.0	12,269.9	10,052.6	5,193.1	38,057.4	40,056.9	142,561.1
08/07/96	14,996.3	19,604.4	0.0	22,570.7	0.0	11,686.5	9,064.1	4,905.7	37,826.0	40,847.7	141,930.3
08/08/96	14,051.2	18,441.6	0.0	22,307.5	0.0	11,163.0	9,964.2	5,032.0	35,836.5	36,741.6	136,832.2
08/09/96	12,691.1	17,493.9	0.0	15,734.4	0.0	11,430.2	9,036.6	8,515.5	28,050.9	33,437.4	116,936.2
08/10/96	10,514.6	15,170.7	0.0	13,592.6	0.0	6,701.5	5,235.8	5,098.5	23,136.8	21,884.1	69,224.6
08/11/96	7,130.8	13,964.0	0.0	12,953.7	0.0	7,177.2	4,114.6	4,616.6	22,059.1	22,706.3	71,678.0
08/12/96	6,310.5	15,868.7	0.0	17,456.8	0.0	11,235.8	4,710.0	8,485.6	28,873.0	34,835.7	91,921.8
08/13/96	0.0	18,340.1	0.0	20,913.3	0.0	10,756.4	0.0	10,044.3	32,026.8	37,615.7	85,342.1
08/14/96	0.0	17,682.4	0.0	21,560.7	0.0	11,347.8	0.0	8,716.7	35,802.6	34,141.2	110,740.8
08/15/96	0.0	16,627.6	0.0	20,154.7	0.0	10,407.9	0.0	7,423.7	32,939.6	36,807.2	119,998.9
08/16/96	0.0	15,653.0	0.0	18,073.7	0.0	8,867.3	0.0	7,267.3	35,154.2	36,961.0	118,496.4
08/17/96	0.0	14,368.5	0.0	13,235.6	0.0	8,473.8	0.0	4,705.2	28,647.3	27,880.4	68,332.9
08/18/96	1,758.0	14,412.8	0.0	13,041.4	0.0	7,561.0	0.0	5,892.7	30,411.1	26,407.3	77,334.4
08/19/96	11,355.7	17,780.0	0.0	21,263.8	0.0	9,352.5	4,263.6	7,634.7	37,536.5	39,358.4	117,835.6
08/20/96	14,116.1	18,964.3	0.0	22,453.6	0.0	11,371.8	9,575.3	8,440.8	39,846.6	40,962.0	136,008.1
08/21/96	13,900.8	20,202.6	0.0	22,377.6	0.0	12,250.0	8,879.7	9,837.8	39,564.9	41,820.3	134,254.8
08/22/96	13,190.4	17,958.0	0.0	22,452.3	0.0	12,200.9	8,434.1	9,890.0	38,438.7	40,803.8	119,953.2
08/23/96	11,090.7	15,852.7	0.0	20,058.1	0.0	10,037.4	7,518.8	7,828.2	34,638.2	39,857.2	111,768.3
08/24/96	9,100.6	15,630.6	0.0	13,388.6	0.0	7,969.3	6,375.8	5,981.3	25,305.1	30,306.1	63,429.1
08/25/96	8,167.0	13,854.9	0.0	12,304.3	0.0	6,812.9	4,270.1	4,122.2	22,343.3	21,856.1	58,845.1
08/26/96	11,541.6	15,447.7	0.0	19,177.4	0.0	10,526.2	8,078.8	7,547.6	29,645.8	31,232.0	76,823.0
08/27/96	11,753.5	16,430.1	0.0	21,140.9	0.0	10,122.2	8,717.6	7,594.9	36,339.0	40,128.4	97,125.5
08/28/96	11,754.9	16,328.4	0.0	20,404.0	0.0	9,464.8	7,513.7	6,510.7	33,696.5	38,979.1	95,927.2
08/29/96	13,337.3	15,994.7	0.0	21,543.6	0.0	10,355.3	8,081.1	7,636.3	33,098.3	38,587.1	90,822.4
08/30/96	7,422.2	15,229.8	0.0	19,279.2	0.0	9,398.9	5,745.1	6,150.1	31,949.4	37,720.1	98,053.5
08/31/96	0.0	13,393.5	0.0	13,281.9	0.0	4,753.4	0.0	3,397.4	29,554.1	28,968.5	76,458.8

Date	Goudey 7 Heat Input (MMBtu)	Goudey 8 Heat Input (MMBtu)	Greenidge 3 Heat Input (MMBtu)	Greenidge 4 Heat Input (MMBtu)	Hickling 1 Heat Input (MMBtu)	Hickling 2 Heat Input (MMBtu)	Jennison 1 Heat Input (MMBtu)	Jennison 2 Heat Input (MMBtu)	Milliken 1 Heat Input (MMBtu)	Milliken 2 Heat Input (MMBtu)	Kintigh 1 Heat Input (MMBtu)
09/01/96	0.0	13,391.2	0.0	12,606.7	0.0	7,178.4	0.0	4,928.7	24,343.2	23,786.1	62,421.7
09/02/96	0.0	14,459.2	0.0	12,729.2	0.0	7,124.7	0.0	4,154.9	24,354.8	23,999.0	71,980.4
09/03/96	0.0	17,004.8	0.0	22,833.1	0.0	11,168.0	0.0	7,697.2	30,234.4	39,520.1	105,421.9
09/04/96	0.0	18,505.5	0.0	24,317.2	0.0	10,484.2	0.0	7,667.7	41,328.9	41,907.4	136,948.8
09/05/96	0.0	18,610.7	0.0	24,609.7	0.0	10,289.6	0.0	7,687.1	42,598.4	41,560.3	139,440.3
09/06/96	0.0	17,582.7	0.0	22,261.3	0.0	9,517.7	0.0	7,856.8	40,117.0	40,515.1	138,646.4
09/07/96	0.0	18,118.6	0.0	23,283.8	0.0	10,568.6	0.0	7,799.5	39,692.8	33,775.2	145,613.3
09/08/96	0.0	15,162.0	0.0	16,846.4	0.0	10,645.2	0.0	7,886.4	35,194.0	38,041.7	129,765.9
09/09/96	0.0	17,432.3	0.0	21,725.7	0.0	11,134.5	0.0	8,032.5	39,656.9	40,332.7	134,816.7
09/10/96	0.0	17,815.0	0.0	22,504.3	0.0	10,898.3	0.0	7,931.4	38,685.3	40,673.0	144,114.1
09/11/96	0.0	16,524.2	0.0	20,982.2	0.0	10,577.5	0.0	7,024.8	34,668.5	37,950.9	123,652.3
09/12/96	0.0	16,152.4	0.0	20,923.4	0.0	10,532.3	0.0	6,574.1	35,715.0	37,646.4	128,711.6
09/13/96	0.0	15,349.2	0.0	16,020.9	0.0	10,356.3	0.0	5,996.9	33,783.6	36,689.0	108,210.1
09/14/96	0.0	13,046.1	0.0	12,929.5	0.0	7,209.2	0.0	4,412.0	27,072.2	26,757.2	74,975.5
09/15/96	0.0	11,036.7	0.0	12,737.6	0.0	4,922.3	0.0	3,318.9	21,123.3	20,489.7	55,823.4
09/16/96	1,901.3	16,490.5	0.0	14,797.1	0.0	9,395.7	0.0	6,182.1	35,069.6	34,812.3	106,496.7
09/17/96	0.0	17,312.9	0.0	14,647.2	0.0	11,672.8	0.0	7,644.9	39,151.9	41,350.2	132,799.4
09/18/96	0.0	15,924.1	0.0	15,084.1	0.0	12,559.0	0.0	7,871.5	34,377.7	36,719.3	113,036.0
09/19/96	0.0	16,000.4	0.0	14,048.6	0.0	12,235.1	0.0	7,662.2	32,024.0	28,594.6	119,172.3
09/20/96	0.0	14,038.5	0.0	14,101.9	0.0	11,040.0	0.0	7,346.2	27,651.3	31,145.4	90,669.0
09/21/96	0.0	16,493.3	0.0	16,508.9	0.0	10,751.6	0.0	7,325.0	31,490.4	33,234.7	121,989.8
09/22/96	0.0	13,887.3	0.0	13,702.8	0.0	9,420.8	0.0	6,414.2	24,358.1	27,876.3	83,808.9
09/23/96	0.0	17,324.5	0.0	19,814.3	0.0	10,388.8	0.0	7,030.3	32,531.3	33,571.5	122,436.6
09/24/96	0.0	17,782.6	0.0	22,894.7	0.0	10,599.0	0.0	7,044.2	33,002.4	36,795.4	136,384.2
09/25/96	0.0	16,167.5	0.0	20,448.4	0.0	10,712.6	0.0	7,088.6	29,902.3	29,359.8	134,016.3
09/26/96	0.0	16,896.6	0.0	14,436.5	0.0	10,115.7	0.0	6,834.4	28,412.6	29,492.6	98,400.6
09/27/96	0.0	17,890.8	0.0	21,668.8	0.0	10,864.2	0.0	7,881.0	34,470.7	36,350.9	145,347.8
09/28/96	0.0	17,949.8	0.0	19,487.0	0.0	11,495.9	0.0	8,867.9	35,620.5	37,192.5	145,581.9
09/29/96	0.0	15,707.0	0.0	16,905.2	0.0	8,608.4	0.0	6,958.5	33,558.6	34,045.5	105,515.8
09/30/96	0.0	17,542.2	0.0	19,305.7	0.0	10,239.3	0.0	7,962.5	35,858.4	39,438.5	127,761.5

9.2 WATER QUALITY

The Water quality submissions include the Discharge Quarterly Report for the Solid Waste Disposal Facility (SPDES Permit 0108553), Milliken Station Waste Water Treatment and Operational Discharges (SPDES Permit 0001333) and Circulating Cooling Water Daily Operational Data.



August 23, 1996

GEMDEC-96-0160
GEM-124-AMIL

SPDES Compliance Information Section
Division of Water
NYSDEC
50 Wolf Road - Room 340
Albany, New York 12233-3506

Subject: Milliken Ash Disposal Site - SPDES Permit No. 0108553

Dear Sir or Madam:

Enclosed is the Discharge Monitoring Report (DMR) for the Milliken Ash Disposal Site for the quarterly period of May 1, 1996 through July 31, 1996. There were two batch discharges of the sedimentation pond during this period.

In accordance with the Milliken Ash Disposal Site 360 (Solid Waste) Permit No. 7-5032-00069/00003-0, the quarterly results of the groundwater monitoring are attached.

A table delineating exceedances of the New York State Groundwater Quality Standards (GWS) is also attached.

If you have any questions concerning this submittal, please contact Ms. Susan Wolf at (607) 762-8736.

Sincerely,

Peter A. Batrowny
Staff Environmental Specialist

PAB\SLWscp
Enclosures

cc: NYSDEC, Region 7, Division of Water
L. Gross - NYSDEC, Region 7
Tompkins County Health Department
G. Totman - Town of Lansing

An Equal Opportunity Employer

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)
 (17-19)
 PERMIT NUMBER NY0108553
 DISCHARGE NUMBER 001 Q
 MONITORING PERIOD
 YEAR MO DAY TO
 96 05 01 TO 96 07 31
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)
 *** NO DISCHARGE ***
 NOTE: Read instructions before completing this form.

Form Approved
 COMMAND. DISCHARGE
 Approval 12/15/95-05-31-98

ASH DISPOSAL SED
 (SUBR 07)
 F - FINAL
 MINOR

QUANTITY OR LOADING (46-53)
 QUANTITY OR CONCENTRATION (54-61)
 QUANTITY OR CONCENTRATION (54-61)

PERMIT UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1316. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 6 years.)

TELEPHONE (607) 762-7500
 AREA CODE NUMBER
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
 Retha L. Babson

DATE 96 08 21
 COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 If there were 2 batch of discharges from this site for the period
 MONITORING OF SULFATE AND TOTAL DISSOLVED SOLIDS REQUIRED ONLY IF GYPSUM AND/OR SALT BYPRODUCTS FROM THE
 CLEAN COAL TECHNOLOGY PROJECT ARE LANDFILLED AT THIS SITE. IF NOT REQUIRED DURING THE MONITORING PERIOD,
 ENTER "NONE" IN PLACE OF A MEASUREMENT.

ENTER FACILITY ID IN PLACE OF A MEASUREMENT
 EPA Form 3320-1 (08-95) Previous editions may be used.

PARAMETER (32-37)	QUANTITY OR LOADING (46-53)		QUANTITY OR CONCENTRATION (54-61)		UNITS	NO. OF EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
	AVERAGE	MAXIMUM	MINIMUM	AVERAGE				
FLOW RATE	95462	102043	*****	*****	(07)	0	1/batch	caulk
00056 EFFLUENT GROSS VALUE	REPORT DAILY AV	REPORT DAILY MX	*****	*****	GPD	0	1/batch	MEASRD
PH	*****	*****	*****	*****		0	1/batch	GRAB
00400 EFFLUENT GROSS VALUE	*****	*****	*****	*****		0	1/batch	GRAB
SOLIDS, TOTAL SUSPENDED	*****	*****	*****	*****		0	1/batch	COMPOS
00530 EFFLUENT GROSS VALUE	*****	*****	*****	*****		0	1/batch	GRAB
OIL AND GREASE	*****	*****	*****	*****		0	1/batch	GRAB
FREON EXTR-GRAV METH	*****	*****	*****	*****		0	1/batch	GRAB
00556 EFFLUENT GROSS VALUE	*****	*****	*****	*****		0	1/batch	GRAB
SULFATE, TOTAL (AS SU4)	*****	*****	*****	*****		0	1/batch	GRAB
00945 EFFLUENT GROSS VALUE	*****	*****	*****	*****		0	1/batch	GRAB
ARSENIC, TOTAL (AS AS)	*****	*****	*****	*****		0	1/batch	COMPOS
01002 EFFLUENT GROSS VALUE	*****	*****	*****	*****		0	1/batch	COMPOS
IRON, TOTAL (AS FE)	*****	*****	*****	*****		0	1/batch	COMPOS
01045 EFFLUENT GROSS VALUE	*****	*****	*****	*****		0	1/batch	COMPOS
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER J.K. Smith - Vice President Generation TYPED OR PRINTED SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT Retha L. Babson TELEPHONE (607) 762-7500 AREA CODE NUMBER DATE 96 08 21								

PERMITTEE NAME/ADDRESS (Include Facility Name, Location - if Different)
 NAME NYS ELECTRIC & GAS CORP
 ADDRESS MILLIKEN ASH DISPOSAL FACILITY
 PO BOX 5224, CORPORATE DR
 BINGHAMTON NY 13902-5224
 FACILITY NYS ELECTRIC & GAS CORP
 LOCATION
 ATTN: L RAY TUTTLE, SR ENV SPEC

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)
 (2-16)
 NY0108553
 PERMIT NUMBER
 001 Q
 DISCHARGE NUMBER
 MONITORING PERIOD
 YEAR MO DAY YEAR MO DAY
 96 05 01 TO 96 07 31
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

ASH DISPOSAL SED (SUBR 07)
 F - FINAL MINOR
 Form Approved. QM/RNY. 2/15/80 PAGE 1
 Approved 12/18/85 05-31-88

*** NO DISCHARGE ***
 NOTE: Read instructions before completing this form.

PARAMETER (32-37)	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUANTITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
MANGANESE, TOTAL (AS MN)	*****	*****	*****	*****	40.02	(19)	0	1/batch	compos
01055 1 0 0	*****	*****	*****	*****	REPORT DAILY AV	MG/L	0	ONCE/BATCH	compos
EFFLUENT GROSS VALUE	*****	*****	*****	*****	0.05	(19)	0	1/batch	compos
ZINC	*****	*****	*****	*****	REPORT DAILY AV	MG/L	0	ONCE/BATCH	compos
TOTAL RECOVERABLE	*****	*****	*****	*****	40.2	(19)	0	1/batch	compos
01094 1 0 0	*****	*****	*****	*****	REPORT DAILY AV	MG/L	0	ONCE/BATCH	compos
EFFLUENT GROSS VALUE	*****	*****	*****	*****	2085	(19)	0	1/batch	grab
ALUMINUM, TOTAL (AS AL)	*****	*****	*****	*****	REPORT DAILY AV	MG/L	0	ONCE/BATCH	grab
01105 1 0 0	*****	*****	*****	*****	2970	(19)	0	ONCE/BATCH	grab
EFFLUENT GROSS VALUE	*****	*****	*****	*****	REPORT DAILY AV	MG/L	0	ONCE/BATCH	grab
SOLIDS, TOTAL DISSOLVED	*****	*****	*****	*****	5000	(19)	0	ONCE/BATCH	grab
70295 1 0 0	*****	*****	*****	*****	REPORT DAILY AV	MG/L	0	ONCE/BATCH	grab
EFFLUENT GROSS VALUE	*****	*****	*****	*****					
SAMPLE MEASUREMENT									
PERMIT REQUIREMENT									
SAMPLE MEASUREMENT									
PERMIT REQUIREMENT									
SAMPLE MEASUREMENT									
PERMIT REQUIREMENT									
SAMPLE MEASUREMENT									
PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 J.K. Smith - Vice President
 Generation
 TYPED OR PRINTED

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
J.K. Smith

TELEPHONE
 (607) 762-7500

DATE
 96 08 21

AREA CODE NUMBER
 607 762-7500

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment, see 18 U.S.C. § 1001 and 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$70,000 and/or maximum imprisonment of between 6 months and 6 years.)
 I have been 2 batch discharges from this site for the past 100 days. If not required during the monitoring period, monitoring of sulfate and total dissolved solids required only if gypsum and/or salt byproducts from the clean coal technology project are landfilled at this site.

ENTER # 08-9 08-9 08-9 IN PLACE OF A MEASUREMENT
 n 33. 08-9 08-9 08-9

(RE) IS EP... T... HIGH... NOT BE USED.
 04188/960705-1717
 PAGE 2 OF 2

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE
Ground Water Elevations (ft amsl)

<u>Collection Date</u>	<u>Sample Id</u>	<u>Ground Water Elevation</u>	<u>Units</u>	<u>Qualifier</u>
5/8/96	MAGCD-9111	788.72	ft	
6/7/96	MAGCD-9111	787.18	ft	
7/15/96	MAGCD-9111	786.70	ft	
5/7/96	MAGCI-9111	795.96	ft	
6/7/96	MAGCI-9111	793.59	ft	
7/15/96	MAGCI-9111	792.86	ft	
5/6/96	MAGCSH9111	796.70	ft	
6/7/96	MAGCSH9111	793.62	ft	
7/15/96	MAGCSH9111	793.01	ft	
5/6/96	MAGDA-7742	722.48	ft	
6/7/96	MAGDA-7742	722.65	ft	
7/15/96	MAGDA-7742	722.50	ft	
5/7/96	MAGDA-8305	712.21	ft	
6/7/96	MAGDA-8305	711.09	ft	
7/15/96	MAGDA-8305	711.10	ft	
5/7/96	MAGDD-8702	711.03	ft	
6/7/96	MAGDD-8702	710.63	ft	
7/15/96	MAGDD-8702	709.78	ft	
5/7/96	MAGDD-8703	596.30	ft	
6/7/96	MAGDD-8703	596.49	ft	
7/15/96	MAGDD-8703	596.38	ft	
5/6/96	MAGDD-8705	676.98	ft	
6/7/96	MAGDD-8705	677.48	ft	
7/15/96	MAGDD-8705	677.60	ft	
5/7/96	MAGDD-8715	677.02	ft	
6/7/96	MAGDD-8715	674.73	ft	
7/15/96	MAGDD-8715	674.69	ft	
5/7/96	MAGDD-8716	704.84	ft	
6/7/96	MAGDD-8716	700.31	ft	
7/15/96	MAGDD-8716	695.83	ft	
5/6/96	MAGDD-9114	723.45	ft	
6/7/96	MAGDD-9114	718.59	ft	
7/15/96	MAGDD-9114	725.43	ft	
5/7/96	MAGDI-8703	656.02	ft	
6/7/96	MAGDI-8703	653.18	ft	
7/15/96	MAGDI-8703	651.98	ft	
5/7/96	MAGDI-8705	701.42	ft	
6/7/96	MAGDI-8705	700.76	ft	
7/15/96	MAGDI-8705	697.96	ft	
5/7/96	MAGDI-8707	726.75	ft	
6/7/96	MAGDI-8707	728.10	ft	
7/15/96	MAGDI-8707	727.44	ft	

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE
Ground Water Elevations (ft amsl)

<u>Collection Date</u>	<u>Sample Id</u>	<u>Ground Water Elevation</u>	<u>Units</u>	<u>Qualifier</u>
5/7/96	MAGDI-8715	678.42	ft	
6/7/96	MAGDI-8715	676.43	ft	
7/15/96	MAGDI-8715	676.20	ft	
5/7/96	MAGDI-8716	691.65	ft	
6/7/96	MAGDI-8716	691.09	ft	
7/15/96	MAGDI-8716	690.88	ft	
5/7/96	MAGDI-9114	749.28	ft	
6/7/96	MAGDI-9114	747.60	ft	
7/15/96	MAGDI-9114	747.37	ft	
5/7/96	MAGDSH8703	660.52	ft	
6/7/96	MAGDSH8703	655.91	ft	
7/15/96	MAGDSH8703	653.61	ft	
5/7/96	MAGDSH8705	718.10	ft	
6/7/96	MAGDSH8705	715.95	ft	
7/15/96	MAGDSH8705	715.77	ft	
5/7/96	MAGDSH8707	732.55	ft	
6/7/96	MAGDSH8707	729.63	ft	
7/15/96	MAGDSH8707	728.31	ft	
5/6/96	MAGDSH9114	751.60	ft	
6/7/96	MAGDSH9114	748.40	ft	
7/15/96	MAGDSH9114	748.01	ft	
5/7/96	MAGDWSXX01		ft	
6/7/96	MAGDWSXX01		ft	
7/15/96	MAGDWSXX01		ft	
5/6/96	MAGDXX7721	749.31	ft	
6/7/96	MAGDXX7721	749.33	ft	
7/15/96	MAGDXX7721	749.18	ft	
5/6/96	MAGDXX7731	733.07	ft	
6/7/96	MAGDXX7731	732.02	ft	
7/15/96	MAGDXX7731	731.61	ft	
5/6/96	MAGDXX7741	716.01	ft	
6/7/96	MAGDXX7741	714.81	ft	
7/15/96	MAGDXX7741	714.38	ft	
5/6/96	MAGDXX7742	721.47	ft	
6/7/96	MAGDXX7742	721.63	ft	
7/15/96	MAGDXX7742	721.46	ft	
5/7/96	MAGDXX8105	692.86	ft	
6/7/96	MAGDXX8105	689.98	ft	
7/15/96	MAGDXX8105	688.82	ft	
5/7/96	MAGDXX8106	716.10	ft	
6/7/96	MAGDXX8106	714.91	ft	
7/15/96	MAGDXX8106	714.75	ft	
5/7/96	MAGDXX8213	756.91	ft	

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE
Ground Water Elevations (ft amsl)

<u>Collection Date</u>	<u>Sample Id</u>	<u>Ground Water Elevation</u>	<u>Units</u>	<u>Qualifier</u>
6/7/96	MAGDXX8213	755.48	ft	
7/15/96	MAGDXX8213	755.43	ft	
5/7/96	MAGDXX8215	739.97	ft	
6/7/96	MAGDXX8215	738.43	ft	
7/15/96	MAGDXX8215	738.23	ft	
5/8/96	MAGDXX8301	695.01	ft	
6/7/96	MAGDXX8301	692.66	ft	
7/15/96	MAGDXX8301	692.04	ft	
5/7/96	MAGDXX8302	693.79	ft	
6/7/96	MAGDXX8302	692.23	ft	
7/15/96	MAGDXX8302	691.13	ft	
5/7/96	MAGDXX8305	712.07	ft	
6/7/96	MAGDXX8305	710.89	ft	
7/15/96	MAGDXX8305	710.75	ft	
5/6/96	MAGIA-7732	739.90	ft	
6/7/96	MAGIA-7732	740.16	ft	
7/15/96	MAGIA-7732	740.08	ft	
5/6/96	MAGID-8602	807.37	ft	
6/7/96	MAGID-8602	805.98	ft	
7/15/96	MAGID-8602	805.51	ft	
5/6/96	MAGID-8606	805.33	ft	
6/7/96	MAGID-8606	805.33	ft	
7/15/96	MAGID-8606	805.39	ft	
5/6/96	MAGISH8602	815.29	ft	
6/7/96	MAGISH8602	810.24	ft	
7/15/96	MAGISH8602	808.91	ft	
5/6/96	MAGISH8606	801.13	ft	
6/7/96	MAGISH8606	800.98	ft	
7/15/96	MAGISH8606	795.83	ft	
5/6/96	MAGIXX7732	743.98	ft	
6/7/96	MAGIXX7732	744.35	ft	
7/15/96	MAGIXX7732	744.36	ft	
5/6/96	MAGIXX8708	722.17	ft	
6/7/96	MAGIXX8708	722.20	ft	
7/15/96	MAGIXX8708		ft	Dry Well
5/6/96	MAGIXX8709	722.78	ft	
6/7/96	MAGIXX8709	722.99	ft	
7/15/96	MAGIXX8709	722.91	ft	
5/6/96	MAGIXX8711	743.99	ft	
6/7/96	MAGIXX8711	744.26	ft	
7/15/96	MAGIXX8711	744.32	ft	
5/6/96	MAGIXX8712	743.77	ft	
6/7/96	MAGIXX8712	744.87	ft	

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE
Ground Water Elevations (ft amsl)

<u>Collection Date</u>	<u>Sample Id</u>	<u>Ground Water Elevation</u>	<u>Units</u>	<u>Qualifier</u>
7/15/96	MAGIXX8712	744.85	ft	
5/6/96	MAGIXX8713		ft	Dry Well
6/7/96	MAGIXX8713	753.69	ft	
7/15/96	MAGIXX8713	753.96	ft	
5/6/96	MAGUD-8717	757.00	ft	
6/7/96	MAGUD-8717	757.04	ft	
7/15/96	MAGUD-8717	757.09	ft	
5/8/96	MAGUD-9001	808.43	ft	
6/7/96	MAGUD-9001	807.37	ft	
7/15/96	MAGUD-9001	806.88	ft	
5/8/96	MAGUSH9001	810.01	ft	
6/7/96	MAGUSH9001	808.45	ft	
7/15/96	MAGUSH9001	808.03	ft	
5/6/96	MAGUXX7711	796.41	ft	
6/7/96	MAGUXX7711	787.96	ft	
7/15/96	MAGUXX7711	788.33	ft	
5/6/96	MAGUXX7712	805.84	ft	
6/7/96	MAGUXX7712	802.89	ft	
7/15/96	MAGUXX7712	802.59	ft	
5/8/96	MAGUXX8303	805.72	ft	
6/7/96	MAGUXX8303	802.31	ft	
7/15/96	MAGUXX8303	802.04	ft	
5/7/96	MAGUXX8304	812.99	ft	
6/7/96	MAGUXX8304	807.61	ft	
7/15/96	MAGUXX8304	807.31	ft	
5/6/96	MAGUXX8601	820.63	ft	
6/7/96	MAGUXX8601	817.38	ft	
7/15/96	MAGUXX8601	817.09	ft	

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGCD-9111

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/8/96	ARSENIC, DISSOLVED	LT	0.002	mg/l	
5/8/96	MERCURY, DISSOLVED	LT	0.0002	mg/l	
5/8/96	LEAD, DISSOLVED	LT	0.005	mg/l	
5/8/96	SELENIUM, DISSOLVED	LT	0.009	mg/l	
5/8/96	ARSENIC, TOTAL	LT	0.002	mg/l	
5/8/96	MERCURY, TOTAL	LT	0.0002	mg/l	
5/8/96	LEAD, TOTAL		0.028	mg/l	
5/8/96	SELENIUM, TOTAL	LT	0.009	mg/l	
5/8/96	ALUMINUM, DISSOLVED	LT	0.20	mg/l	
5/8/96	CADMIUM, DISSOLVED	LT	0.010	mg/l	
5/8/96	CHROMIUM, DISSOLVED	LT	0.020	mg/l	
5/8/96	COPPER, DISSOLVED	LT	0.020	mg/l	
5/8/96	IRON, DISSOLVED	LT	0.020	mg/l	
5/8/96	MAGNESIUM, DISSOLVED		32.8	mg/l	
5/8/96	MANGENESE, DISSOLVED		0.17	mg/l	
5/8/96	ZINC, DISSOLVED	LT	0.020	mg/l	
5/8/96	CONDUCTIVITY		1010	UMHO/CM	
5/8/96	PH-FIELD		7.9		
5/8/96	TURBIDITY		2.4	NTU	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGCD-9111

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/8/96	ALUMINUM, TOTAL	LT	0.20	mg/l	
5/8/96	CADMIUM, TOTAL	LT	0.010	mg/l	
5/8/96	CHROMIUM, TOTAL	LT	0.020	mg/l	
5/8/96	COPPER, TOTAL	LT	0.020	mg/l	
5/8/96	IRON, TOTAL		0.15	mg/l	
5/8/96	HARDNESS (MG/L AS CaCO3)		346.	mg/l	
5/8/96	MAGNESIUM, TOTAL		30.4	mg/l	
5/8/96	MANGANESE, TOTAL		0.14	mg/l	
5/8/96	ZINC, TOTAL	LT	0.020	mg/l	
5/8/96	ALKALINITY		345.	mg/l	
5/8/96	FLUORIDE	LT	0.2	mg/l	
5/8/96	SULFATE		47	mg/l	
5/8/96	TOTAL DISSOLVED SOLIDS		590	mg/l	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGCI-9111

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ARSENIC, DISSOLVED	LT	0.002	mg/l	
5/7/96	MERCURY, DISSOLVED	LT	0.0002	mg/l	
5/7/96	LEAD, DISSOLVED	LT	0.005	mg/l	
5/7/96	SELENIUM, DISSOLVED	LT	0.009	mg/l	
5/7/96	ARSENIC, TOTAL	LT	0.002	mg/l	
5/7/96	MERCURY, TOTAL	LT	0.0002	mg/l	
5/7/96	LEAD, TOTAL	LT	0.005	mg/l	
5/7/96	SELENIUM, TOTAL	LT	0.009	mg/l	
5/7/96	ALUMINUM, DISSOLVED	LT	0.20	mg/l	
5/7/96	CADMIUM, DISSOLVED	LT	0.010	mg/l	
5/7/96	CHROMIUM, DISSOLVED	LT	0.020	mg/l	
5/7/96	COPPER, DISSOLVED	LT	0.020	mg/l	
5/7/96	IRON, DISSOLVED	LT	0.020	mg/l	
5/7/96	MAGNESIUM, DISSOLVED		37.1	mg/l	
5/7/96	MANGENESE, DISSOLVED		0.065	mg/l	
5/7/96	ZINC, DISSOLVED	LT	0.020	mg/l	
5/7/96	CONDUCTIVITY		735	UMHO/CM	
5/7/96	PH-FIELD		7.5		
5/7/96	TURBIDITY		2.8	NTU	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGCI-9111

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ALUMINUM, TOTAL	LT	0.20	mg/l	
5/7/96	CADMIUM, TOTAL	LT	0.010	mg/l	
5/7/96	CHROMIUM, TOTAL	LT	0.020	mg/l	
5/7/96	COPPER, TOTAL	LT	0.020	mg/l	
5/7/96	IRON, TOTAL		0.36	mg/l	
5/7/96	HARDNESS (MG/L AS CaCO3)		368.	mg/l	
5/7/96	MAGNESIUM, TOTAL		34.7	mg/l	
5/7/96	MANGANESE, TOTAL		0.027	mg/l	
5/7/96	ZINC, TOTAL		0.15	mg/l	
5/7/96	ALKALINITY		321.	mg/l	
5/7/96	FLUORIDE	LT	0.2	mg/l	
5/7/96	SULFATE		71	mg/l	
5/7/96	TOTAL DISSOLVED SOLIDS		420	mg/l	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDA-8305

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ARSENIC, DISSOLVED	LT	0.002	mg/l	
5/7/96	MERCURY, DISSOLVED	LT	0.0002	mg/l	
5/7/96	LEAD, DISSOLVED	LT	0.005	mg/l	
5/7/96	SELENIUM, DISSOLVED		0.064	mg/l	
5/7/96	ARSENIC, TOTAL	LT	0.002	mg/l	
5/7/96	MERCURY, TOTAL	LT	0.0002	mg/l	
5/7/96	LEAD, TOTAL	LT	0.005	mg/l	
5/7/96	SELENIUM, TOTAL		0.038	mg/l	
5/7/96	ALUMINUM, DISSOLVED	LT	0.20	mg/l	
5/7/96	CADMIUM, DISSOLVED	LT	0.010	mg/l	
5/7/96	CHROMIUM, DISSOLVED	LT	0.020	mg/l	
5/7/96	COPPER, DISSOLVED	LT	0.020	mg/l	
5/7/96	IRON, DISSOLVED	LT	0.020	mg/l	
5/7/96	MAGNESIUM, DISSOLVED		130.	mg/l	
5/7/96	MANGENESE, DISSOLVED		0.17	mg/l	
5/7/96	ZINC, DISSOLVED	LT	0.020	mg/l	
5/7/96	CONDUCTIVITY		2770	UMHO/CM	
5/7/96	PH-FIELD		7.3		
5/7/96	TURBIDITY		0.9	NTU	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDA-8305

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ALUMINUM, TOTAL	LT	0.20	mg/l	
5/7/96	CADMIUM, TOTAL	LT	0.010	mg/l	
5/7/96	CHROMIUM, TOTAL	LT	0.020	mg/l	
5/7/96	COPPER, TOTAL	LT	0.020	mg/l	
5/7/96	IRON, TOTAL		0.081	mg/l	
5/7/96	HARDNESS (MG/L AS CaCO3)		1320.	mg/l	
5/7/96	MAGNESIUM, TOTAL		116.	mg/l	
5/7/96	MANGANESE, TOTAL		0.16	mg/l	
5/7/96	ZINC, TOTAL		0.073	mg/l	
5/7/96	ALKALINITY		301.	mg/l	
5/7/96	FLUORIDE	LT	0.2	mg/l	
5/7/96	SULFATE		1300	mg/l	
5/7/96	TOTAL DISSOLVED SOLIDS		2300	mg/l	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDD-8702

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ARSENIC, DISSOLVED	LT	0.002	mg/l	
5/7/96	MERCURY, DISSOLVED	LT	0.0002	mg/l	
5/7/96	LEAD, DISSOLVED	LT	0.005	mg/l	
5/7/96	SELENIUM, DISSOLVED	LT	0.009	mg/l	
5/7/96	ARSENIC, TOTAL	LT	0.002	mg/l	
5/7/96	MERCURY, TOTAL	LT	0.0002	mg/l	
5/7/96	LEAD, TOTAL	LT	0.005	mg/l	
5/7/96	SELENIUM, TOTAL	LT	0.009	mg/l	
5/7/96	ALUMINUM, DISSOLVED	LT	0.20	mg/l	
5/7/96	CADMIUM, DISSOLVED	LT	0.010	mg/l	
5/7/96	CHROMIUM, DISSOLVED	LT	0.020	mg/l	
5/7/96	COPPER, DISSOLVED	LT	0.020	mg/l	
5/7/96	IRON, DISSOLVED	LT	0.020	mg/l	
5/7/96	MAGNESIUM, DISSOLVED		55.7	mg/l	
5/7/96	MANGENESE, DISSOLVED		0.18	mg/l	
5/7/96	ZINC, DISSOLVED	LT	0.020	mg/l	
5/7/96	CONDUCTIVITY		1765	UMHO/CM	
5/7/96	PH-FIELD		7.4		
5/7/96	TURBIDITY		1.4	NTU	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDD-8702

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ALUMINUM, TOTAL	LT	0.20	mg/l	
5/7/96	CADMIUM, TOTAL	LT	0.010	mg/l	
5/7/96	CHROMIUM, TOTAL	LT	0.020	mg/l	
5/7/96	COPPER, TOTAL	LT	0.020	mg/l	
5/7/96	IRON, TOTAL		0.058	mg/l	
5/7/96	HARDNESS (MG/L AS CaCO3)		846.	mg/l	
5/7/96	MAGNESIUM, TOTAL		52.6	mg/l	
5/7/96	MANGANESE, TOTAL		0.17	mg/l	
5/7/96	ZINC, TOTAL		0.055	mg/l	
5/7/96	ALKALINITY		227.	mg/l	
5/7/96	FLUORIDE	LT	0.2	mg/l	
5/7/96	SULFATE		710	mg/l	
5/7/96	TOTAL DISSOLVED SOLIDS		1400	mg/l	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDD-8703

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ARSENIC, DISSOLVED	LT	0.002	mg/l	
5/7/96	MERCURY, DISSOLVED	LT	0.0002	mg/l	
5/7/96	LEAD, DISSOLVED	LT	0.005	mg/l	
5/7/96	SELENIUM, DISSOLVED	LT	0.009	mg/l	
5/7/96	ARSENIC, TOTAL	LT	0.002	mg/l	
5/7/96	MERCURY, TOTAL	LT	0.0002	mg/l	
5/7/96	LEAD, TOTAL	LT	0.005	mg/l	
5/7/96	SELENIUM, TOTAL	LT	0.009	mg/l	
5/7/96	ALUMINUM, DISSOLVED	LT	0.20	mg/l	
5/7/96	CADMIUM, DISSOLVED	LT	0.010	mg/l	
5/7/96	CHROMIUM, DISSOLVED	LT	0.020	mg/l	
5/7/96	COPPER, DISSOLVED	LT	0.020	mg/l	
5/7/96	IRON, DISSOLVED		0.28	mg/l	
5/7/96	MAGNESIUM, DISSOLVED		9.32	mg/l	
5/7/96	MANGENESE, DISSOLVED		0.10	mg/l	
5/7/96	ZINC, DISSOLVED	LT	0.020	mg/l	
5/7/96	CONDUCTIVITY		2700	UMHO/CM	
5/7/96	PH-FIELD		7.7		
5/7/96	TURBIDITY		7.7	NTU	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDD-8703

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ALUMINUM, TOTAL		0.33	mg/l	
5/7/96	CADMIUM, TOTAL	LT	0.010	mg/l	
5/7/96	CHROMIUM, TOTAL	LT	0.020	mg/l	
5/7/96	COPPER, TOTAL	LT	0.020	mg/l	
5/7/96	IRON, TOTAL		0.72	mg/l	
5/7/96	HARDNESS (MG/L AS CaCO3)		118.	mg/l	
5/7/96	MAGNESIUM, TOTAL		8.60	mg/l	
5/7/96	MANGANESE, TOTAL		0.098	mg/l	
5/7/96	ZINC, TOTAL		0.13	mg/l	
5/7/96	ALKALINITY		390.	mg/l	
5/7/96	FLUORIDE		0.26	mg/l	
5/7/96	SULFATE		11	mg/l	
5/7/96	TOTAL DISSOLVED SOLIDS		1400	mg/l	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDD-8705

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/6/96	PH-FIELD				Not enough water at sample location.

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDD-8715

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ARSENIC, DISSOLVED	LT	0.002	mg/l	
5/7/96	MERCURY, DISSOLVED	LT	0.0002	mg/l	
5/7/96	LEAD, DISSOLVED	LT	0.005	mg/l	
5/7/96	SELENIUM, DISSOLVED	LT	0.009	mg/l	
5/7/96	ARSENIC, TOTAL	LT	0.002	mg/l	
5/7/96	MERCURY, TOTAL	LT	0.0002	mg/l	
5/7/96	LEAD, TOTAL	LT	0.005	mg/l	
5/7/96	SELENIUM, TOTAL	LT	0.009	mg/l	
5/7/96	ALUMINUM, DISSOLVED	LT	0.20	mg/l	
5/7/96	CADMIUM, DISSOLVED	LT	0.010	mg/l	
5/7/96	CHROMIUM, DISSOLVED	LT	0.020	mg/l	
5/7/96	COPPER, DISSOLVED	LT	0.020	mg/l	
5/7/96	IRON, DISSOLVED		0.30	mg/l	
5/7/96	MAGNESIUM, DISSOLVED		12.8	mg/l	
5/7/96	MANGENESE, DISSOLVED		0.27	mg/l	
5/7/96	ZINC, DISSOLVED	LT	0.020	mg/l	
5/7/96	CONDUCTIVITY		1025	UMHO/CM	
5/7/96	PH-FIELD		7.3		
5/7/96	TURBIDITY		27.5	NTU	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
 WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDD-8715

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ALUMINUM, TOTAL		0.64	mg/l	
5/7/96	CADMIUM, TOTAL	LT	0.010	mg/l	
5/7/96	CHROMIUM, TOTAL	LT	0.020	mg/l	
5/7/96	COPPER, TOTAL	LT	0.020	mg/l	
5/7/96	IRON, TOTAL		1.26	mg/l	
5/7/96	HARDNESS (MG/L AS CaCO3)		180.	mg/l	
5/7/96	MAGNESIUM, TOTAL		12.6	mg/l	
5/7/96	MANGANESE, TOTAL		0.26	mg/l	
5/7/96	ZINC, TOTAL		0.040	mg/l	
5/7/96	ALKALINITY		499.	mg/l	
5/7/96	FLUORIDE	LT	0.2	mg/l	
5/7/96	SULFATE		26	mg/l	
5/7/96	TOTAL DISSOLVED SOLIDS		580	mg/l	

LT means less than
 GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDD-8716

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ARSENIC, DISSOLVED		0.004	mg/l	
5/7/96	MERCURY, DISSOLVED	LT	0.0002	mg/l	
5/7/96	LEAD, DISSOLVED	LT	0.005	mg/l	
5/7/96	SELENIUM, DISSOLVED	LT	0.009	mg/l	
5/7/96	ARSENIC, TOTAL		0.003	mg/l	
5/7/96	MERCURY, TOTAL	LT	0.0002	mg/l	
5/7/96	LEAD, TOTAL	LT	0.005	mg/l	
5/7/96	SELENIUM, TOTAL	LT	0.009	mg/l	
5/7/96	ALUMINUM, DISSOLVED	LT	0.20	mg/l	
5/7/96	CADMIUM, DISSOLVED	LT	0.010	mg/l	
5/7/96	CHROMIUM, DISSOLVED	LT	0.020	mg/l	
5/7/96	COPPER, DISSOLVED	LT	0.020	mg/l	
5/7/96	IRON, DISSOLVED		0.22	mg/l	
5/7/96	MAGNESIUM, DISSOLVED		29.6	mg/l	
5/7/96	MANGENESE, DISSOLVED		0.25	mg/l	
5/7/96	ZINC, DISSOLVED	LT	0.020	mg/l	
5/7/96	CONDUCTIVITY		625	UMHO/CM	
5/7/96	PH-FIELD		7.7		
5/7/96	TURBIDITY		4.1	NTU	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDD-8716

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ALUMINUM, TOTAL	LT	0.20	mg/l	
5/7/96	CADMIUM, TOTAL	LT	0.010	mg/l	
5/7/96	CHROMIUM, TOTAL	LT	0.020	mg/l	
5/7/96	COPPER, TOTAL	LT	0.020	mg/l	
5/7/96	IRON, TOTAL		0.40	mg/l	
5/7/96	HARDNESS (MG/L AS CaCO3)		268.	mg/l	
5/7/96	MAGNESIUM, TOTAL		27.4	mg/l	
5/7/96	MANGANESE, TOTAL		0.24	mg/l	
5/7/96	ZINC, TOTAL		0.17	mg/l	
5/7/96	ALKALINITY		287.	mg/l	
5/7/96	FLUORIDE	LT	0.2	mg/l	
5/7/96	SULFATE		55	mg/l	
5/7/96	TOTAL DISSOLVED SOLIDS		360	mg/l	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDD-9114

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/6/96	PH-FIELD				Not enough water at sample location.

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDI-8703

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ARSENIC, DISSOLVED	LT	0.002	mg/l	
5/7/96	MERCURY, DISSOLVED	LT	0.0002	mg/l	
5/7/96	LEAD, DISSOLVED	LT	0.005	mg/l	
5/7/96	SELENIUM, DISSOLVED	LT	0.009	mg/l	
5/7/96	ARSENIC, TOTAL	LT	0.002	mg/l	
5/7/96	MERCURY, TOTAL	LT	0.0002	mg/l	
5/7/96	LEAD, TOTAL		0.009	mg/l	
5/7/96	SELENIUM, TOTAL	LT	0.009	mg/l	
5/7/96	ALUMINUM, DISSOLVED	LT	0.20	mg/l	
5/7/96	CADMIUM, DISSOLVED	LT	0.010	mg/l	
5/7/96	CHROMIUM, DISSOLVED	LT	0.020	mg/l	
5/7/96	COPPER, DISSOLVED	LT	0.020	mg/l	
5/7/96	IRON, DISSOLVED	LT	0.020	mg/l	
5/7/96	MAGNESIUM, DISSOLVED		7.33	mg/l	
5/7/96	MANGENESE, DISSOLVED		0.096	mg/l	
5/7/96	ZINC, DISSOLVED	LT	0.020	mg/l	
5/7/96	CONDUCTIVITY		1200	UMHO/CM	
5/7/96	PH-FIELD		7.6		
5/7/96	TURBIDITY		8.7	NTU	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDI-8703

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ALUMINIUM, TOTAL		0.32	mg/l	
5/7/96	CADMIUM, TOTAL	LT	0.010	mg/l	
5/7/96	CHROMIUM, TOTAL	LT	0.020	mg/l	
5/7/96	COPPER, TOTAL	LT	0.020	mg/l	
5/7/96	IRON, TOTAL		0.21	mg/l	
5/7/96	HARDNESS (MG/L AS CaCO3)		99.3	mg/l	
5/7/96	MAGNESIUM, TOTAL		7.08	mg/l	
5/7/96	MANGANESE, TOTAL		0.093	mg/l	
5/7/96	ZINC, TOTAL		0.040	mg/l	
5/7/96	ALKALINITY		549.	mg/l	
5/7/96	FLUORIDE	LT	0.2	mg/l	
5/7/96	SULFATE		81	mg/l	
5/7/96	TOTAL DISSOLVED SOLIDS		740	mg/l	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDI-8705

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ARSENIC, DISSOLVED	LT	0.002	mg/l	
5/7/96	MERCURY, DISSOLVED	LT	0.0002	mg/l	
5/7/96	LEAD, DISSOLVED	LT	0.005	mg/l	
5/7/96	SELENIUM, DISSOLVED	LT	0.009	mg/l	
5/7/96	ARSENIC, TOTAL	LT	0.002	mg/l	
5/7/96	MERCURY, TOTAL	LT	0.0002	mg/l	
5/7/96	LEAD, TOTAL	LT	0.005	mg/l	
5/7/96	SELENIUM, TOTAL	LT	0.009	mg/l	
5/7/96	ALUMINUM, DISSOLVED	LT	0.20	mg/l	
5/7/96	CADMIUM, DISSOLVED	LT	0.010	mg/l	
5/7/96	CHROMIUM, DISSOLVED	LT	0.020	mg/l	
5/7/96	COPPER, DISSOLVED	LT	0.020	mg/l	
5/7/96	IRON, DISSOLVED		1.78	mg/l	
5/7/96	MAGNESIUM, DISSOLVED		51.7	mg/l	
5/7/96	MANGENESE, DISSOLVED		0.14	mg/l	
5/7/96	ZINC, DISSOLVED	LT	0.020	mg/l	
5/7/96	CONDUCTIVITY		1120	UMHO/CM	
5/7/96	PH-FIELD		7.4		
5/7/96	TURBIDITY		28.8	NTU	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDI-8705

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ALUMINUM, TOTAL	LT	0.20	mg/l	
5/7/96	CADMIUM, TOTAL	LT	0.010	mg/l	
5/7/96	CHROMIUM, TOTAL	LT	0.020	mg/l	
5/7/96	COPPER, TOTAL	LT	0.020	mg/l	
5/7/96	IRON, TOTAL		1.89	mg/l	
5/7/96	HARDNESS (MG/L AS CaCO3)		517.	mg/l	
5/7/96	MAGNESIUM, TOTAL		47.9	mg/l	
5/7/96	MANGANESE, TOTAL		0.13	mg/l	
5/7/96	ZINC, TOTAL		0.026	mg/l	
5/7/96	ALKALINITY		306.	mg/l	
5/7/96	FLUORIDE	LT	0.2	mg/l	
5/7/96	SULFATE		72	mg/l	
5/7/96	TOTAL DISSOLVED SOLIDS		620	mg/l	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDI-8707

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ARSENIC, DISSOLVED	LT	0.002	mg/l	
5/7/96	MERCURY, DISSOLVED	LT	0.0002	mg/l	
5/7/96	LEAD, DISSOLVED	LT	0.005	mg/l	
5/7/96	SELENIUM, DISSOLVED	LT	0.009	mg/l	
5/7/96	ARSENIC, TOTAL	LT	0.002	mg/l	
5/7/96	MERCURY, TOTAL	LT	0.0002	mg/l	
5/7/96	LEAD, TOTAL	LT	0.005	mg/l	
5/7/96	SELENIUM, TOTAL	LT	0.009	mg/l	
5/7/96	ALUMINUM, DISSOLVED	LT	0.20	mg/l	
5/7/96	CADMIUM, DISSOLVED	LT	0.010	mg/l	
5/7/96	CHROMIUM, DISSOLVED	LT	0.020	mg/l	
5/7/96	COPPER, DISSOLVED	LT	0.020	mg/l	
5/7/96	IRON, DISSOLVED		0.54	mg/l	
5/7/96	MAGNESIUM, DISSOLVED		28.2	mg/l	
5/7/96	MANGENESE, DISSOLVED		0.14	mg/l	
5/7/96	ZINC, DISSOLVED	LT	0.020	mg/l	
5/7/96	CONDUCTIVITY		790	UMHO/CM	
5/7/96	PH-FIELD		7.6		
5/7/96	TURBIDITY		16.3	NTU	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDI-8707

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ALUMINUM, TOTAL		0.23	mg/l	
5/7/96	CADMIUM, TOTAL	LT	0.010	mg/l	
5/7/96	CHROMIUM, TOTAL	LT	0.020	mg/l	
5/7/96	COPPER, TOTAL	LT	0.020	mg/l	
5/7/96	IRON, TOTAL		0.93	mg/l	
5/7/96	HARDNESS (MGL AS CaCO3)		272.	mg/l	
5/7/96	MAGNESIUM, TOTAL		26.1	mg/l	
5/7/96	MANGANESE, TOTAL		0.13	mg/l	
5/7/96	ZINC, TOTAL		0.047	mg/l	
5/7/96	ALKALINITY		368.	mg/l	
5/7/96	FLUORIDE	LT	0.2	mg/l	
5/7/96	SULFATE		62	mg/l	
5/7/96	TOTAL DISSOLVED SOLIDS		470	mg/l	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDI-8715

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ARSENIC, DISSOLVED	LT	0.002	mg/l	
5/7/96	MERCURY, DISSOLVED	LT	0.0002	mg/l	
5/7/96	LEAD, DISSOLVED	LT	0.005	mg/l	
5/7/96	SELENIUM, DISSOLVED	LT	0.009	mg/l	
5/7/96	ARSENIC, TOTAL	LT	0.002	mg/l	
5/7/96	MERCURY, TOTAL	LT	0.0002	mg/l	
5/7/96	LEAD, TOTAL	LT	0.005	mg/l	
5/7/96	SELENIUM, TOTAL	LT	0.009	mg/l	
5/7/96	ALUMINUM, DISSOLVED	LT	0.20	mg/l	
5/7/96	CADMIUM, DISSOLVED	LT	0.010	mg/l	
5/7/96	CHROMIUM, DISSOLVED	LT	0.020	mg/l	
5/7/96	COPPER, DISSOLVED	LT	0.020	mg/l	
5/7/96	IRON, DISSOLVED		0.15	mg/l	
5/7/96	MAGNESIUM, DISSOLVED		36.4	mg/l	
5/7/96	MANGENESE, DISSOLVED		0.033	mg/l	
5/7/96	ZINC, DISSOLVED	LT	0.020	mg/l	
5/7/96	CONDUCTIVITY		955	UMHO/CM	
5/7/96	PH-FIELD		7.4		
5/7/96	TURBIDITY		9.1	NTU	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDI-8715

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ALUMINUM, TOTAL		0.24	mg/l	
5/7/96	CADMIUM, TOTAL	LT	0.010	mg/l	
5/7/96	CHROMIUM, TOTAL	LT	0.020	mg/l	
5/7/96	COPPER, TOTAL	LT	0.020	mg/l	
5/7/96	IRON, TOTAL		0.54	mg/l	
5/7/96	HARDNESS (MG/L AS CaCO3)		431.	mg/l	
5/7/96	MAGNESIUM, TOTAL		31.9	mg/l	
5/7/96	MANGANESE, TOTAL		0.039	mg/l	
5/7/96	ZINC, TOTAL	LT	0.020	mg/l	
5/7/96	ALKALINITY		321.	mg/l	
5/7/96	FLUORIDE	LT	0.2	mg/l	
5/7/96	SULFATE		44	mg/l	
5/7/96	TOTAL DISSOLVED SOLIDS		8000	mg/l	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDI-8716

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ARSENIC, DISSOLVED	LT	0.002	mg/l	
5/7/96	MERCURY, DISSOLVED	LT	0.0002	mg/l	
5/7/96	LEAD, DISSOLVED	LT	0.005	mg/l	
5/7/96	SELENIUM, DISSOLVED	LT	0.009	mg/l	
5/7/96	ARSENIC, TOTAL	LT	0.002	mg/l	
5/7/96	MERCURY, TOTAL	LT	0.0002	mg/l	
5/7/96	LEAD, TOTAL	LT	0.005	mg/l	
5/7/96	SELENIUM, TOTAL	LT	0.009	mg/l	
5/7/96	ALUMINUM, DISSOLVED	LT	0.20	mg/l	
5/7/96	CADMIUM, DISSOLVED	LT	0.010	mg/l	
5/7/96	CHROMIUM, DISSOLVED	LT	0.020	mg/l	
5/7/96	COPPER, DISSOLVED	LT	0.020	mg/l	
5/7/96	IRON, DISSOLVED		1.93	mg/l	
5/7/96	MAGNESIUM, DISSOLVED		30.1	mg/l	
5/7/96	MANGENESE, DISSOLVED		0.17	mg/l	
5/7/96	ZINC, DISSOLVED	LT	0.020	mg/l	
5/7/96	CONDUCTIVITY		755	UMHO/CM	
5/7/96	PH-FIELD		7.6		
5/7/96	TURBIDITY		56.0	NTU	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDI-8716

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ALUMINUM, TOTAL		1.06	mg/l	
5/7/96	CADMIUM, TOTAL	LT	0.010	mg/l	
5/7/96	CHROMIUM, TOTAL	LT	0.020	mg/l	
5/7/96	COPPER, TOTAL	LT	0.020	mg/l	
5/7/96	IRON, TOTAL		4.12	mg/l	
5/7/96	HARDNESS (MG/L AS CaCO3)		325.	mg/l	
5/7/96	MAGNESIUM, TOTAL		29.5	mg/l	
5/7/96	MANGANESE, TOTAL		0.16	mg/l	
5/7/96	ZINC, TOTAL	LT	0.020	mg/l	
5/7/96	ALKALINITY		359.	mg/l	
5/7/96	FLUORIDE		0.20	mg/l	
5/7/96	SULFATE		63	mg/l	
5/7/96	TOTAL DISSOLVED SOLIDS		430	mg/l	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDI-9114

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ARSENIC, DISSOLVED	LT	0.002	mg/l	
5/7/96	MERCURY, DISSOLVED	LT	0.0002	mg/l	
5/7/96	LEAD, DISSOLVED	LT	0.005	mg/l	
5/7/96	SELENIUM, DISSOLVED	LT	0.009	mg/l	
5/7/96	ARSENIC, TOTAL	LT	0.002	mg/l	
5/7/96	MERCURY, TOTAL	LT	0.0002	mg/l	
5/7/96	LEAD, TOTAL	LT	0.005	mg/l	
5/7/96	SELENIUM, TOTAL	LT	0.009	mg/l	
5/7/96	ALUMINUM, DISSOLVED	LT	0.20	mg/l	
5/7/96	CADMIUM, DISSOLVED	LT	0.010	mg/l	
5/7/96	CHROMIUM, DISSOLVED	LT	0.020	mg/l	
5/7/96	COPPER, DISSOLVED	LT	0.020	mg/l	
5/7/96	IRON, DISSOLVED		0.19	mg/l	
5/7/96	MAGNESIUM, DISSOLVED		44.9	mg/l	
5/7/96	MANGENESE, DISSOLVED		0.070	mg/l	
5/7/96	ZINC, DISSOLVED	LT	0.020	mg/l	
5/7/96	CONDUCTIVITY		910	UMHO/CM	
5/7/96	PH-FIELD		7.5		
5/7/96	TURBIDITY		205	NTU	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDI-9114

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ALUMINUM, TOTAL		0.26	mg/l	
5/7/96	CADMIUM, TOTAL	LT	0.010	mg/l	
5/7/96	CHROMIUM, TOTAL	LT	0.020	mg/l	
5/7/96	COPPER, TOTAL	LT	0.020	mg/l	
5/7/96	IRON, TOTAL		1.05	mg/l	
5/7/96	HARDNESS (MG/L AS CaCO3)		471.	mg/l	
5/7/96	MAGNESIUM, TOTAL		42.3	mg/l	
5/7/96	MANGANESE, TOTAL		0.11	mg/l	
5/7/96	ZINC, TOTAL	LT	0.020	mg/l	
5/7/96	ALKALINITY		338.	mg/l	
5/7/96	FLUORIDE		0.2	mg/l	
5/7/96	SULFATE		160	mg/l	
5/7/96	TOTAL DISSOLVED SOLIDS		540	mg/l	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDSH8703

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ARSENIC, DISSOLVED	LT	0.002	mg/l	
5/7/96	MERCURY, DISSOLVED	LT	0.0002	mg/l	
5/7/96	LEAD, DISSOLVED	LT	0.005	mg/l	
5/7/96	SELENIUM, DISSOLVED	LT	0.009	mg/l	
5/7/96	ARSENIC, TOTAL	LT	0.002	mg/l	
5/7/96	MERCURY, TOTAL	LT	0.0002	mg/l	
5/7/96	LEAD, TOTAL	LT	0.005	mg/l	
5/7/96	SELENIUM, TOTAL	LT	0.009	mg/l	
5/7/96	ALUMINUM, DISSOLVED	LT	0.20	mg/l	
5/7/96	CADMIUM, DISSOLVED	LT	0.010	mg/l	
5/7/96	CHROMIUM, DISSOLVED	LT	0.020	mg/l	
5/7/96	COPPER, DISSOLVED	LT	0.020	mg/l	
5/7/96	IRON, DISSOLVED	LT	0.020	mg/l	
5/7/96	MAGNESIUM, DISSOLVED		21.3	mg/l	
5/7/96	MANGENESE, DISSOLVED	LT	0.020	mg/l	
5/7/96	ZINC, DISSOLVED	LT	0.020	mg/l	
5/7/96	CONDUCTIVITY		605	UMHO/CM	
5/7/96	PH-FIELD		7.3		
5/7/96	TURBIDITY		2.6	NTU	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDSH8703

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ALUMINUM, TOTAL		0.30	mg/l	
5/7/96	CADMIUM, TOTAL	LT	0.010	mg/l	
5/7/96	CHROMIUM, TOTAL	LT	0.020	mg/l	
5/7/96	COPPER, TOTAL	LT	0.020	mg/l	
5/7/96	IRON, TOTAL		0.60	mg/l	
5/7/96	HARDNESS (MG/L AS CaCO3)		305.	mg/l	
5/7/96	MAGNESIUM, TOTAL		20.5	mg/l	
5/7/96	MANGANESE, TOTAL	LT	0.020	mg/l	
5/7/96	ZINC, TOTAL	LT	0.020	mg/l	
5/7/96	ALKALINITY		216.	mg/l	
5/7/96	FLUORIDE	LT	0.2	mg/l	
5/7/96	SULFATE		100	mg/l	
5/7/96	TOTAL DISSOLVED SOLIDS		350	mg/l	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDSH8705

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ARSENIC, DISSOLVED	LT	0.002	mg/l	
5/7/96	MERCURY, DISSOLVED	LT	0.0002	mg/l	
5/7/96	LEAD, DISSOLVED	LT	0.005	mg/l	
5/7/96	SELENIUM, DISSOLVED	LT	0.009	mg/l	
5/7/96	ARSENIC, TOTAL	LT	0.002	mg/l	
5/7/96	MERCURY, TOTAL	LT	0.0002	mg/l	
5/7/96	LEAD, TOTAL	LT	0.005	mg/l	
5/7/96	SELENIUM, TOTAL	LT	0.009	mg/l	
5/7/96	ALUMINUM, DISSOLVED	LT	0.20	mg/l	
5/7/96	CADMIUM, DISSOLVED	LT	0.010	mg/l	
5/7/96	CHROMIUM, DISSOLVED	LT	0.020	mg/l	
5/7/96	COPPER, DISSOLVED	LT	0.020	mg/l	
5/7/96	IRON, DISSOLVED	LT	0.020	mg/l	
5/7/96	MAGNESIUM, DISSOLVED		24.2	mg/l	
5/7/96	MANGENESE, DISSOLVED	LT	0.020	mg/l	
5/7/96	ZINC, DISSOLVED	LT	0.020	mg/l	
5/7/96	CONDUCTIVITY		705	UMHO/CM	
5/7/96	PH-FIELD		7.4		
5/7/96	TURBIDITY		26.7	NTU	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDSH8705

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ALUMINUM, TOTAL		1.32	mg/l	
5/7/96	CADMIUM, TOTAL	LT	0.010	mg/l	
5/7/96	CHROMIUM, TOTAL	LT	0.020	mg/l	
5/7/96	COPPER, TOTAL	LT	0.020	mg/l	
5/7/96	IRON, TOTAL		2.06	mg/l	
5/7/96	HARDNESS (MG/L AS CaCO3)		365.	mg/l	
5/7/96	MAGNESIUM, TOTAL		23.7	mg/l	
5/7/96	MANGANESE, TOTAL		0.028	mg/l	
5/7/96	ZINC, TOTAL		0.032	mg/l	
5/7/96	ALKALINITY		311.	mg/l	
5/7/96	FLUORIDE	LT	0.2	mg/l	
5/7/96	SULFATE		51	mg/l	
5/7/96	TOTAL DISSOLVED SOLIDS		380	mg/l	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDSH8707

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ARSENIC, DISSOLVED	LT	0.002	mg/l	
5/7/96	MERCURY, DISSOLVED	LT	0.0002	mg/l	
5/7/96	LEAD, DISSOLVED	LT	0.005	mg/l	
5/7/96	SELENIUM, DISSOLVED	LT	0.009	mg/l	
5/7/96	ARSENIC, TOTAL		0.004	mg/l	
5/7/96	MERCURY, TOTAL	LT	0.0002	mg/l	
5/7/96	LEAD, TOTAL		0.006	mg/l	
5/7/96	SELENIUM, TOTAL	LT	0.009	mg/l	
5/7/96	ALUMINUM, DISSOLVED	LT	0.20	mg/l	
5/7/96	CADMIUM, DISSOLVED	LT	0.010	mg/l	
5/7/96	CHROMIUM, DISSOLVED	LT	0.020	mg/l	
5/7/96	COPPER, DISSOLVED	LT	0.020	mg/l	
5/7/96	IRON, DISSOLVED	LT	0.020	mg/l	
5/7/96	MAGNESIUM, DISSOLVED		29.4	mg/l	
5/7/96	MANGENESE, DISSOLVED	LT	0.020	mg/l	
5/7/96	ZINC, DISSOLVED	LT	0.020	mg/l	
5/7/96	CONDUCTIVITY		620	UMHO/CM	
5/7/96	PH-FIELD		7.6		
5/7/96	TURBIDITY		57.8	NTU	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDSH8707

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ALUMINUM, TOTAL		4.25	mg/l	
5/7/96	CADMIUM, TOTAL	LT	0.010	mg/l	
5/7/96	CHROMIUM, TOTAL	LT	0.020	mg/l	
5/7/96	COPPER, TOTAL	LT	0.020	mg/l	
5/7/96	IRON, TOTAL		6.79	mg/l	
5/7/96	HARDNESS (MGL AS CaCO3)		337.	mg/l	
5/7/96	MAGNESIUM, TOTAL		28.8	mg/l	
5/7/96	MANGANESE, TOTAL		0.084	mg/l	
5/7/96	ZINC, TOTAL		0.094	mg/l	
5/7/96	ALKALINITY		296.	mg/l	
5/7/96	FLUORIDE	LT	0.2	mg/l	
5/7/96	SULFATE		69	mg/l	
5/7/96	TOTAL DISSOLVED SOLIDS		330	mg/l	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDWSXX01

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ARSENIC, DISSOLVED	LT	0.002	mg/l	
5/7/96	MERCURY, DISSOLVED	LT	0.0002	mg/l	
5/7/96	LEAD, DISSOLVED	LT	0.005	mg/l	
5/7/96	SELENIUM, DISSOLVED	LT	0.009	mg/l	
5/7/96	ARSENIC, TOTAL	LT	0.002	mg/l	
5/7/96	MERCURY, TOTAL	LT	0.0002	mg/l	
5/7/96	LEAD, TOTAL	LT	0.005	mg/l	
5/7/96	SELENIUM, TOTAL	LT	0.009	mg/l	
5/7/96	ALUMINUM, DISSOLVED	LT	0.20	mg/l	
5/7/96	CADMIUM, DISSOLVED	LT	0.010	mg/l	
5/7/96	CHROMIUM, DISSOLVED	LT	0.020	mg/l	
5/7/96	COPPER, DISSOLVED	LT	0.020	mg/l	
5/7/96	IRON, DISSOLVED		0.11	mg/l	
5/7/96	MAGNESIUM, DISSOLVED		38.7	mg/l	
5/7/96	MANGENESE, DISSOLVED		0.057	mg/l	
5/7/96	ZINC, DISSOLVED		0.031	mg/l	
5/7/96	CONDUCTIVITY		920	UMHO/CM	
5/7/96	PH-FIELD		7.2		
5/7/96	TURBIDITY		14.0	NTU	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDWSXX01

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ALUMINUM, TOTAL		0.25	mg/l	
5/7/96	CADMIUM, TOTAL	LT	0.010	mg/l	
5/7/96	CHROMIUM, TOTAL	LT	0.020	mg/l	
5/7/96	COPPER, TOTAL	LT	0.020	mg/l	
5/7/96	IRON, TOTAL		1.48	mg/l	
5/7/96	HARDNESS (MG/L AS CaCO3)		446.	mg/l	
5/7/96	MAGNESIUM, TOTAL		36.1	mg/l	
5/7/96	MANGANESE, TOTAL		0.060	mg/l	
5/7/96	ZINC, TOTAL		0.063	mg/l	
5/7/96	ALKALINITY		341.	mg/l	
5/7/96	FLUORIDE	LT	0.2	mg/l	
5/7/96	SULFATE		77	mg/l	
5/7/96	TOTAL DISSOLVED SOLIDS		520	mg/l	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDXX7721

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/6/96	ARSENIC, DISSOLVED	LT	0.002	mg/l	
5/6/96	MERCURY, DISSOLVED	LT	0.0002	mg/l	
5/6/96	LEAD, DISSOLVED	LT	0.005	mg/l	
5/6/96	SELENIUM, DISSOLVED	LT	0.009	mg/l	
5/6/96	ARSENIC, TOTAL	LT	0.002	mg/l	
5/6/96	MERCURY, TOTAL	LT	0.0002	mg/l	
5/6/96	LEAD, TOTAL	LT	0.005	mg/l	
5/6/96	SELENIUM, TOTAL	LT	0.009	mg/l	
5/6/96	ALUMINUM, DISSOLVED	LT	0.20	mg/l	
5/6/96	CADMIUM, DISSOLVED	LT	0.010	mg/l	
5/6/96	CHROMIUM, DISSOLVED	LT	0.020	mg/l	
5/6/96	COPPER, DISSOLVED	LT	0.020	mg/l	
5/6/96	IRON, DISSOLVED		0.089	mg/l	
5/6/96	MAGNESIUM, DISSOLVED		36.2	mg/l	
5/6/96	MANGENESE, DISSOLVED		0.12	mg/l	
5/6/96	ZINC, DISSOLVED	LT	0.020	mg/l	
5/6/96	CONDUCTIVITY		820	UMHO/CM	
5/6/96	PH-FIELD		7.3		
5/6/96	TURBIDITY		22.2	NTU	

LT means less than

GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDXX7721

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/6/96	ALUMINUM, TOTAL		0.71	mg/l	
5/6/96	CADMIUM, TOTAL	LT	0.010	mg/l	
5/6/96	CHROMIUM, TOTAL	LT	0.020	mg/l	
5/6/96	COPPER, TOTAL	LT	0.020	mg/l	
5/6/96	IRON, TOTAL		1.39	mg/l	
5/6/96	HARDNESS (MG/L AS CaCO3)		403.	mg/l	
5/6/96	MAGNESIUM, TOTAL		34.2	mg/l	
5/6/96	MANGANESE, TOTAL		0.13	mg/l	
5/6/96	ZINC, TOTAL		0.021	mg/l	
5/6/96	ALKALINITY		262.	mg/l	
5/6/96	FLUORIDE	LT	0.2	mg/l	
5/6/96	SULFATE		100	mg/l	
5/6/96	TOTAL DISSOLVED SOLIDS		510	mg/l	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDXX7731

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/6/96	ARSENIC, DISSOLVED	LT	0.002	mg/l	
5/6/96	MERCURY, DISSOLVED	LT	0.0002	mg/l	
5/6/96	LEAD, DISSOLVED	LT	0.005	mg/l	
5/6/96	SELENIUM, DISSOLVED	LT	0.009	mg/l	
5/6/96	ARSENIC, TOTAL	LT	0.002	mg/l	
5/6/96	MERCURY, TOTAL	LT	0.0002	mg/l	
5/6/96	LEAD, TOTAL	LT	0.005	mg/l	
5/6/96	SELENIUM, TOTAL	LT	0.009	mg/l	
5/6/96	ALUMINUM, DISSOLVED	LT	0.20	mg/l	
5/6/96	CADMIUM, DISSOLVED	LT	0.010	mg/l	
5/6/96	CHROMIUM, DISSOLVED	LT	0.020	mg/l	
5/6/96	COPPER, DISSOLVED	LT	0.020	mg/l	
5/6/96	IRON, DISSOLVED		2.03	mg/l	
5/6/96	MAGNESIUM, DISSOLVED		80.1	mg/l	
5/6/96	MANGENESE, DISSOLVED		0.15	mg/l	
5/6/96	ZINC, DISSOLVED	LT	0.020	mg/l	
5/6/96	CONDUCTIVITY		1450	UMHO/CM	
5/6/96	PH-FIELD		7.3		
5/6/96	TURBIDITY		4.5	NTU	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDXX7731

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/6/96	ALUMINUM, TOTAL		0.22	mg/l	
5/6/96	CADMIUM, TOTAL	LT	0.010	mg/l	
5/6/96	CHROMIUM, TOTAL	LT	0.020	mg/l	
5/6/96	COPPER, TOTAL	LT	0.020	mg/l	
5/6/96	IRON, TOTAL		2.39	mg/l	
5/6/96	HARDNESS (MG/L AS CaCO3)		802.	mg/l	
5/6/96	MAGNESIUM, TOTAL		75.3	mg/l	
5/6/96	MANGANESE, TOTAL		0.15	mg/l	
5/6/96	ZINC, TOTAL	LT	0.020	mg/l	
5/6/96	ALKALINITY		322.	mg/l	
5/6/96	FLUORIDE	LT	0.2	mg/l	
5/6/96	SULFATE		530	mg/l	
5/6/96	TOTAL DISSOLVED SOLIDS		1100	mg/l	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDXX7741

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/6/96	ARSENIC, DISSOLVED	LT	0.002	mg/l	
5/6/96	MERCURY, DISSOLVED	LT	0.0002	mg/l	
5/6/96	LEAD, DISSOLVED	LT	0.005	mg/l	
5/6/96	SELENIUM, DISSOLVED		0.24	mg/l	
5/6/96	ARSENIC, TOTAL	LT	0.002	mg/l	
5/6/96	MERCURY, TOTAL	LT	0.0002	mg/l	
5/6/96	LEAD, TOTAL	LT	0.005	mg/l	
5/6/96	SELENIUM, TOTAL		0.28	mg/l	
5/6/96	ALUMINUM, DISSOLVED	LT	0.20	mg/l	
5/6/96	CADMIUM, DISSOLVED	LT	0.010	mg/l	
5/6/96	CHROMIUM, DISSOLVED	LT	0.020	mg/l	
5/6/96	COPPER, DISSOLVED		0.031	mg/l	
5/6/96	IRON, DISSOLVED	LT	0.020	mg/l	
5/6/96	MAGNESIUM, DISSOLVED		182.	mg/l	
5/6/96	MANGENESE, DISSOLVED	LT	0.020	mg/l	
5/6/96	ZINC, DISSOLVED	LT	0.020	mg/l	
5/6/96	CONDUCTIVITY		3450	UMHO/CM	
5/6/96	PH-FIELD		7.0		
5/6/96	TURBIDITY		6.6	NTU	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDXX7741

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/6/96	ALUMINUM, TOTAL		0.22	mg/l	
5/6/96	CADMIUM, TOTAL	LT	0.010	mg/l	
5/6/96	CHROMIUM, TOTAL	LT	0.020	mg/l	
5/6/96	COPPER, TOTAL		0.026	mg/l	
5/6/96	IRON, TOTAL		0.37	mg/l	
5/6/96	HARDNESS (MG/L AS CaCO3)		1880.	mg/l	
5/6/96	MAGNESIUM, TOTAL		169.	mg/l	
5/6/96	MANGANESE, TOTAL	LT	0.020	mg/l	
5/6/96	ZINC, TOTAL	LT	0.020	mg/l	
5/6/96	ALKALINITY		363.	mg/l	
5/6/96	FLUORIDE	LT	0.2	mg/l	
5/6/96	SULFATE		2000	mg/l	
5/6/96	TOTAL DISSOLVED SOLIDS		3200	mg/l	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDXX8105

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ARSENIC, DISSOLVED	LT	0.002	mg/l	
5/7/96	MERCURY, DISSOLVED	LT	0.0002	mg/l	
5/7/96	LEAD, DISSOLVED	LT	0.005	mg/l	
5/7/96	SELENIUM, DISSOLVED	LT	0.009	mg/l	
5/7/96	ARSENIC, TOTAL	LT	0.002	mg/l	
5/7/96	MERCURY, TOTAL	LT	0.0002	mg/l	
5/7/96	LEAD, TOTAL	LT	0.005	mg/l	
5/7/96	SELENIUM, TOTAL	LT	0.009	mg/l	
5/7/96	ALUMINUM, DISSOLVED	LT	0.20	mg/l	
5/7/96	CADMIUM, DISSOLVED	LT	0.010	mg/l	
5/7/96	CHROMIUM, DISSOLVED	LT	0.020	mg/l	
5/7/96	COPPER, DISSOLVED	LT	0.020	mg/l	
5/7/96	IRON, DISSOLVED	LT	0.020	mg/l	
5/7/96	MAGNESIUM, DISSOLVED		33.8	mg/l	
5/7/96	MANGENESE, DISSOLVED	LT	0.020	mg/l	
5/7/96	ZINC, DISSOLVED	LT	0.020	mg/l	
5/7/96	CONDUCTIVITY		1040	UMHO/CM	
5/7/96	PH-FIELD		7.1		
5/7/96	TURBIDITY		8.9	NTU	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
 WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDXX8105

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ALUMINUM, TOTAL		0.97	mg/l	
5/7/96	CADMIUM, TOTAL	LT	0.010	mg/l	
5/7/96	CHROMIUM, TOTAL	LT	0.020	mg/l	
5/7/96	COPPER, TOTAL	LT	0.020	mg/l	
5/7/96	IRON, TOTAL		1.32	mg/l	
5/7/96	HARDNESS (MG/L AS CaCO3)		563.	mg/l	
5/7/96	MAGNESIUM, TOTAL		32.5	mg/l	
5/7/96	MANGANESE, TOTAL	LT	0.020	mg/l	
5/7/96	ZINC, TOTAL	LT	0.020	mg/l	
5/7/96	ALKALINITY		442.	mg/l	
5/7/96	FLUORIDE	LT	0.2	mg/l	
5/7/96	SULFATE		75	mg/l	
5/7/96	TOTAL DISSOLVED SOLIDS		630	mg/l	

LT means less than
 GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDXX8106

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ARSENIC, DISSOLVED	LT	0.002	mg/l	
5/7/96	MERCURY, DISSOLVED	LT	0.0002	mg/l	
5/7/96	LEAD, DISSOLVED	LT	0.005	mg/l	
5/7/96	SELENIUM, DISSOLVED		0.055	mg/l	
5/7/96	ARSENIC, TOTAL	LT	0.002	mg/l	
5/7/96	MERCURY, TOTAL	LT	0.0002	mg/l	
5/7/96	LEAD, TOTAL	LT	0.005	mg/l	
5/7/96	SELENIUM, TOTAL		0.062	mg/l	
5/7/96	ALUMINUM, DISSOLVED	LT	0.20	mg/l	
5/7/96	CADMIUM, DISSOLVED	LT	0.010	mg/l	
5/7/96	CHROMIUM, DISSOLVED	LT	0.020	mg/l	
5/7/96	COPPER, DISSOLVED	LT	0.020	mg/l	
5/7/96	IRON, DISSOLVED	LT	0.020	mg/l	
5/7/96	MAGNESIUM, DISSOLVED		183.	mg/l	
5/7/96	MANGENESE, DISSOLVED		0.11	mg/l	
5/7/96	ZINC, DISSOLVED	LT	0.020	mg/l	
5/7/96	CONDUCTIVITY		3550	UMHO/CM	
5/7/96	PH-FIELD		7.2		
5/7/96	TURBIDITY		11.0	NTU	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDXX8106

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ALUMINUM, TOTAL	LT	0.20	mg/l	
5/7/96	CADMIUM, TOTAL	LT	0.010	mg/l	
5/7/96	CHROMIUM, TOTAL	LT	0.020	mg/l	
5/7/96	COPPER, TOTAL	LT	0.020	mg/l	
5/7/96	IRON, TOTAL		0.32	mg/l	
5/7/96	HARDNESS (MG/L AS CaCO3)		984.	mg/l	
5/7/96	MAGNESIUM, TOTAL		87.9	mg/l	
5/7/96	MANGANESE, TOTAL		0.057	mg/l	
5/7/96	ZINC, TOTAL	LT	0.020	mg/l	
5/7/96	ALKALINITY		364.	mg/l	
5/7/96	FLUORIDE	LT	0.2	mg/l	
5/7/96	SULFATE		2000	mg/l	
5/7/96	TOTAL DISSOLVED SOLIDS		3500	mg/l	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDXX8213

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ARSENIC, DISSOLVED	LT	0.002	mg/l	
5/7/96	MERCURY, DISSOLVED	LT	0.0002	mg/l	
5/7/96	LEAD, DISSOLVED	LT	0.005	mg/l	
5/7/96	SELENIUM, DISSOLVED	LT	0.009	mg/l	
5/7/96	ARSENIC, TOTAL	LT	0.002	mg/l	
5/7/96	MERCURY, TOTAL	LT	0.0002	mg/l	
5/7/96	LEAD, TOTAL	LT	0.005	mg/l	
5/7/96	SELENIUM, TOTAL	LT	0.009	mg/l	
5/7/96	ALUMINUM, DISSOLVED	LT	0.20	mg/l	
5/7/96	CADMIUM, DISSOLVED	LT	0.010	mg/l	
5/7/96	CHROMIUM, DISSOLVED	LT	0.020	mg/l	
5/7/96	COPPER, DISSOLVED	LT	0.020	mg/l	
5/7/96	IRON, DISSOLVED	LT	0.020	mg/l	
5/7/96	MAGNESIUM, DISSOLVED		42.9	mg/l	
5/7/96	MANGENESE, DISSOLVED		0.040	mg/l	
5/7/96	ZINC, DISSOLVED	LT	0.020	mg/l	
5/7/96	CONDUCTIVITY		885	UMHO/CM	
5/7/96	PH-FIELD		7.3		
5/7/96	TURBIDITY		37.8	NTU	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDXX8213

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ALUMINUM, TOTAL		0.58	mg/l	
5/7/96	CADMIUM, TOTAL	LT	0.010	mg/l	
5/7/96	CHROMIUM, TOTAL	LT	0.020	mg/l	
5/7/96	COPPER, TOTAL	LT	0.020	mg/l	
5/7/96	IRON, TOTAL		1.01	mg/l	
5/7/96	HARDNESS (MG/L AS CaCO3)		458.	mg/l	
5/7/96	MAGNESIUM, TOTAL		40.2	mg/l	
5/7/96	MANGANESE, TOTAL		0.051	mg/l	
5/7/96	ZINC, TOTAL	LT	0.020	mg/l	
5/7/96	ALKALINITY		315.	mg/l	
5/7/96	FLUORIDE	LT	0.2	mg/l	
5/7/96	SULFATE		170	mg/l	
5/7/96	TOTAL DISSOLVED SOLIDS		620	mg/l	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDXX8215

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ARSENIC, DISSOLVED	LT	0.002	mg/l	
5/7/96	MERCURY, DISSOLVED	LT	0.0002	mg/l	
5/7/96	LEAD, DISSOLVED	LT	0.005	mg/l	
5/7/96	SELENIUM, DISSOLVED	LT	0.009	mg/l	
5/7/96	ARSENIC, TOTAL	LT	0.002	mg/l	
5/7/96	MERCURY, TOTAL	LT	0.0002	mg/l	
5/7/96	LEAD, TOTAL	LT	0.005	mg/l	
5/7/96	SELENIUM, TOTAL	LT	0.009	mg/l	
5/7/96	ALUMINUM, DISSOLVED	LT	0.20	mg/l	
5/7/96	CADMIUM, DISSOLVED	LT	0.010	mg/l	
5/7/96	CHROMIUM, DISSOLVED	LT	0.020	mg/l	
5/7/96	COPPER, DISSOLVED	LT	0.020	mg/l	
5/7/96	IRON, DISSOLVED		0.34	mg/l	
5/7/96	MAGNESIUM, DISSOLVED		35.5	mg/l	
5/7/96	MANGENESE, DISSOLVED		0.067	mg/l	
5/7/96	ZINC, DISSOLVED	LT	0.020	mg/l	
5/7/96	CONDUCTIVITY		765	UMHO/CM	
5/7/96	PH-FIELD		7.7		
5/7/96	TURBIDITY		32.8	NTU	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDXX8215

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ALUMINUM, TOTAL		0.39	mg/l	
5/7/96	CADMIUM, TOTAL	LT	0.010	mg/l	
5/7/96	CHROMIUM, TOTAL	LT	0.020	mg/l	
5/7/96	COPPER, TOTAL	LT	0.020	mg/l	
5/7/96	IRON, TOTAL		1.17	mg/l	
5/7/96	HARDNESS (MG/L AS CaCO3)		378.	mg/l	
5/7/96	MAGNESIUM, TOTAL		34.1	mg/l	
5/7/96	MANGANESE, TOTAL		0.073	mg/l	
5/7/96	ZINC, TOTAL		0.021	mg/l	
5/7/96	ALKALINITY		327.	mg/l	
5/7/96	FLUORIDE	LT	0.2	mg/l	
5/7/96	SULFATE		80	mg/l	
5/7/96	TOTAL DISSOLVED SOLIDS		430	mg/l	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDXX8301

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notafion</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/8/96	ARSENIC, TOTAL		0.003	mg/l	
5/8/96	MERCURY, TOTAL	LT	0.0002	mg/l	
5/8/96	LEAD, TOTAL		0.006	mg/l	
5/8/96	SELENIUM, TOTAL	LT	0.009	mg/l	
5/8/96	CONDUCTIVITY		1270	UMHO/CM	
5/8/96	PH-FIELD		7.4		
5/8/96	TURBIDITY		1000	NTU	
5/8/96	ALUMINUM, TOTAL		3.65	mg/l	
5/8/96	CADMIUM, TOTAL	LT	0.010	mg/l	
5/8/96	CHROMIUM, TOTAL	LT	0.020	mg/l	
5/8/96	COPPER, TOTAL		0.022	mg/l	
5/8/96	IRON, TOTAL		7.88	mg/l	
5/8/96	HARDNESS (MG/L AS CaCO3)		697.	mg/l	
5/8/96	MAGNESIUM, TOTAL		63.7	mg/l	
5/8/96	MANGANESE, TOTAL		0.29	mg/l	
5/8/96	ZINC, TOTAL		0.029	mg/l	
5/8/96	ALKALINITY		319.	mg/l	
5/8/96	FLUORIDE			mg/l	Not enough water at sample location.

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDXX8302

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ARSENIC, DISSOLVED		0.002	mg/l	
5/7/96	MERCURY, DISSOLVED	LT	0.0002	mg/l	
5/7/96	LEAD, DISSOLVED	LT	0.005	mg/l	
5/7/96	SELENIUM, DISSOLVED	LT	0.009	mg/l	
5/7/96	ARSENIC, TOTAL	LT	0.002	mg/l	
5/7/96	MERCURY, TOTAL	LT	0.0002	mg/l	
5/7/96	LEAD, TOTAL	LT	0.005	mg/l	
5/7/96	SELENIUM, TOTAL	LT	0.009	mg/l	
5/7/96	ALUMINUM, DISSOLVED	LT	0.20	mg/l	
5/7/96	CADMIUM, DISSOLVED	LT	0.010	mg/l	
5/7/96	CHROMIUM, DISSOLVED	LT	0.020	mg/l	
5/7/96	COPPER, DISSOLVED	LT	0.020	mg/l	
5/7/96	IRON, DISSOLVED		2.03	mg/l	
5/7/96	MAGNESIUM, DISSOLVED		65.0	mg/l	
5/7/96	MANGENESE, DISSOLVED		0.25	mg/l	
5/7/96	ZINC, DISSOLVED	LT	0.020	mg/l	
5/7/96	CONDUCTIVITY		1250	UMHO/CM	
5/7/96	PH-FIELD		7.1		
5/7/96	TURBIDITY		4.4	NTU	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDXX8302

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ALUMINUM, TOTAL	LT	0.20	mg/l	
5/7/96	CADMIUM, TOTAL	LT	0.010	mg/l	
5/7/96	CHROMIUM, TOTAL	LT	0.020	mg/l	
5/7/96	COPPER, TOTAL	LT	0.020	mg/l	
5/7/96	IRON, TOTAL		1.74	mg/l	
5/7/96	HARDNESS (MG/L AS CaCO3)		666.	mg/l	
5/7/96	MAGNESIUM, TOTAL		60.4	mg/l	
5/7/96	MANGANESE, TOTAL		0.25	mg/l	
5/7/96	ZINC, TOTAL		0.27	mg/l	
5/7/96	ALKALINITY		318.	mg/l	
5/7/96	FLUORIDE	LT	0.2	mg/l	
5/7/96	SULFATE		420	mg/l	
5/7/96	TOTAL DISSOLVED SOLIDS		930	mg/l	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDXX8305

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ARSENIC, DISSOLVED	LT	0.002	mg/l	
5/7/96	MERCURY, DISSOLVED	LT	0.0002	mg/l	
5/7/96	LEAD, DISSOLVED	LT	0.005	mg/l	
5/7/96	SELENIUM, DISSOLVED	LT	0.009	mg/l	
5/7/96	ARSENIC, TOTAL	LT	0.002	mg/l	
5/7/96	MERCURY, TOTAL	LT	0.0002	mg/l	
5/7/96	LEAD, TOTAL	LT	0.005	mg/l	
5/7/96	SELENIUM, TOTAL	LT	0.009	mg/l	
5/7/96	ALUMINUM, DISSOLVED	LT	0.20	mg/l	
5/7/96	CADMIUM, DISSOLVED	LT	0.010	mg/l	
5/7/96	CHROMIUM, DISSOLVED	LT	0.020	mg/l	
5/7/96	COPPER, DISSOLVED	LT	0.020	mg/l	
5/7/96	IRON, DISSOLVED		2.23	mg/l	
5/7/96	MAGNESIUM, DISSOLVED		100.	mg/l	
5/7/96	MANGENESE, DISSOLVED		0.23	mg/l	
5/7/96	ZINC, DISSOLVED	LT	0.020	mg/l	
5/7/96	CONDUCTIVITY		1935	UMHO/CM	
5/7/96	PH-FIELD		7.3		
5/7/96	TURBIDITY		10.8	NTU	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGDXX8305

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ALUMINUM, TOTAL	LT	0.20	mg/l	
5/7/96	CADMIUM, TOTAL	LT	0.010	mg/l	
5/7/96	CHROMIUM, TOTAL	LT	0.020	mg/l	
5/7/96	COPPER, TOTAL	LT	0.020	mg/l	
5/7/96	IRON, TOTAL		2.09	mg/l	
5/7/96	HARDNESS (MG/L AS CaCO3)		1010.	mg/l	
5/7/96	MAGNESIUM, TOTAL		96.7	mg/l	
5/7/96	MANGANESE, TOTAL		0.22	mg/l	
5/7/96	ZINC, TOTAL	LT	0.020	mg/l	
5/7/96	ALKALINITY		351.	mg/l	
5/7/96	FLUORIDE	LT	0.2	mg/l	
5/7/96	SULFATE		1100	mg/l	
5/7/96	TOTAL DISSOLVED SOLIDS		1500	mg/l	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGUD-9001

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/8/96	ARSENIC, DISSOLVED	LT	0.002	mg/l	
5/8/96	MERCURY, DISSOLVED	LT	0.0002	mg/l	
5/8/96	LEAD, DISSOLVED	LT	0.005	mg/l	
5/8/96	SELENIUM, DISSOLVED	LT	0.009	mg/l	
5/8/96	ARSENIC, TOTAL	LT	0.002	mg/l	
5/8/96	MERCURY, TOTAL	LT	0.0002	mg/l	
5/8/96	LEAD, TOTAL	LT	0.005	mg/l	
5/8/96	SELENIUM, TOTAL	LT	0.009	mg/l	
5/8/96	ALUMINUM, DISSOLVED	LT	0.20	mg/l	
5/8/96	CADMIUM, DISSOLVED	LT	0.010	mg/l	
5/8/96	CHROMIUM, DISSOLVED	LT	0.020	mg/l	
5/8/96	COPPER, DISSOLVED	LT	0.020	mg/l	
5/8/96	IRON, DISSOLVED		0.83	mg/l	
5/8/96	MAGNESIUM, DISSOLVED		38.4	mg/l	
5/8/96	MANGENESE, DISSOLVED		0.11	mg/l	
5/8/96	ZINC, DISSOLVED	LT	0.020	mg/l	
5/8/96	CONDUCTIVITY		855	UMHO/CM	
5/8/96	PH-FIELD		7.2		
5/8/96	TURBIDITY		21.6	NTU	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGUD-9001

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/8/96	ALUMINUM, TOTAL		0.90	mg/l	
5/8/96	CADMIUM, TOTAL	LT	0.010	mg/l	
5/8/96	CHROMIUM, TOTAL	LT	0.020	mg/l	
5/8/96	COPPER, TOTAL	LT	0.020	mg/l	
5/8/96	IRON, TOTAL		1.53	mg/l	
5/8/96	HARDNESS (MG/L AS CaCO3)		403.	mg/l	
5/8/96	MAGNESIUM, TOTAL		34.9	mg/l	
5/8/96	MANGANESE, TOTAL		0.11	mg/l	
5/8/96	ZINC, TOTAL	LT	0.020	mg/l	
5/8/96	ALKALINITY		308.	mg/l	
5/8/96	FLUORIDE	LT	0.2	mg/l	
5/8/96	SULFATE		110	mg/l	
5/8/96	TOTAL DISSOLVED SOLIDS		470	mg/l	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGUSH9001

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/8/96	ARSENIC, DISSOLVED	LT	0.002	mg/l	
5/8/96	MERCURY, DISSOLVED	LT	0.0002	mg/l	
5/8/96	LEAD, DISSOLVED	LT	0.005	mg/l	
5/8/96	SELENIUM, DISSOLVED	LT	0.009	mg/l	
5/8/96	ARSENIC, TOTAL	LT	0.002	mg/l	
5/8/96	MERCURY, TOTAL	LT	0.0002	mg/l	
5/8/96	LEAD, TOTAL	LT	0.005	mg/l	
5/8/96	SELENIUM, TOTAL	LT	0.009	mg/l	
5/8/96	ALUMINUM, DISSOLVED	LT	0.20	mg/l	
5/8/96	CADMIUM, DISSOLVED	LT	0.010	mg/l	
5/8/96	CHROMIUM, DISSOLVED	LT	0.020	mg/l	
5/8/96	COPPER, DISSOLVED	LT	0.020	mg/l	
5/8/96	IRON, DISSOLVED	LT	0.020	mg/l	
5/8/96	MAGNESIUM, DISSOLVED		38.9	mg/l	
5/8/96	MANGENESE, DISSOLVED		0.029	mg/l	
5/8/96	ZINC, DISSOLVED	LT	0.020	mg/l	
5/8/96	CONDUCTIVITY		820	UMHO/CM	
5/8/96	PH-FIELD		7.3		
5/8/96	TURBIDITY		2.8	NTU	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGUSH9001

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/8/96	ALUMINUM, TOTAL	LT	0.20	mg/l	
5/8/96	CADMIUM, TOTAL	LT	0.010	mg/l	
5/8/96	CHROMIUM, TOTAL	LT	0.020	mg/l	
5/8/96	COPPER, TOTAL	LT	0.020	mg/l	
5/8/96	IRON, TOTAL		0.18	mg/l	
5/8/96	HARDNESS (MG/L AS CaCO3)		380.	mg/l	
5/8/96	MAGNESIUM, TOTAL		33.7	mg/l	
5/8/96	MANGANESE, TOTAL		0.028	mg/l	
5/8/96	ZINC, TOTAL	LT	0.020	mg/l	
5/8/96	ALKALINITY		309.	mg/l	
5/8/96	FLUORIDE		0.30	mg/l	
5/8/96	SULFATE		120	mg/l	
5/8/96	TOTAL DISSOLVED SOLIDS		490	mg/l	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGUXX7712

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/6/96	ARSENIC, DISSOLVED	LT	0.002	mg/l	
5/6/96	MERCURY, DISSOLVED	LT	0.0002	mg/l	
5/6/96	LEAD, DISSOLVED	LT	0.005	mg/l	
5/6/96	SELENIUM, DISSOLVED	LT	0.009	mg/l	
5/6/96	ARSENIC, TOTAL	LT	0.002	mg/l	
5/6/96	MERCURY, TOTAL	LT	0.0002	mg/l	
5/6/96	LEAD, TOTAL	LT	0.005	mg/l	
5/6/96	SELENIUM, TOTAL	LT	0.009	mg/l	
5/6/96	ALUMINUM, DISSOLVED	LT	0.20	mg/l	
5/6/96	CADMIUM, DISSOLVED	LT	0.010	mg/l	
5/6/96	CHROMIUM, DISSOLVED	LT	0.020	mg/l	
5/6/96	COPPER, DISSOLVED	LT	0.020	mg/l	
5/6/96	IRON, DISSOLVED	LT	0.020	mg/l	
5/6/96	MAGNESIUM, DISSOLVED		30.7	mg/l	
5/6/96	MANGENESE, DISSOLVED	LT	0.020	mg/l	
5/6/96	ZINC, DISSOLVED	LT	0.020	mg/l	
5/6/96	CONDUCTIVITY		825	UMHO/CM	
5/6/96	PH-FIELD		7.3		
5/6/96	TURBIDITY		7.4	NTU	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGUXX7712

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/6/96	ALUMINUM, TOTAL	LT	0.20	mg/l	
5/6/96	CADMIUM, TOTAL	LT	0.010	mg/l	
5/6/96	CHROMIUM, TOTAL	LT	0.020	mg/l	
5/6/96	COPPER, TOTAL	LT	0.020	mg/l	
5/6/96	IRON, TOTAL		0.23	mg/l	
5/6/96	HARDNESS (MG/L AS CaCO3)		409.	mg/l	
5/6/96	MAGNESIUM, TOTAL		27.7	mg/l	
5/6/96	MANGANESE, TOTAL	LT	0.020	mg/l	
5/6/96	ZINC, TOTAL		0.044	mg/l	
5/6/96	ALKALINITY		284.	mg/l	
5/6/96	FLUORIDE	LT	0.2	mg/l	
5/6/96	SULFATE		150	mg/l	
5/6/96	TOTAL DISSOLVED SOLIDS		560	mg/l	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGUXX8303

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/8/96	ARSENIC, DISSOLVED	LT	0.002	mg/l	
5/8/96	MERCURY, DISSOLVED	LT	0.0002	mg/l	
5/8/96	LEAD, DISSOLVED	LT	0.005	mg/l	
5/8/96	SELENIUM, DISSOLVED	LT	0.009	mg/l	
5/8/96	ARSENIC, TOTAL	LT	0.002	mg/l	
5/8/96	MERCURY, TOTAL	LT	0.0002	mg/l	
5/8/96	LEAD, TOTAL	LT	0.005	mg/l	
5/8/96	SELENIUM, TOTAL	LT	0.009	mg/l	
5/8/96	ALUMINUM, DISSOLVED	LT	0.20	mg/l	
5/8/96	CADMIUM, DISSOLVED	LT	0.020	mg/l	
5/8/96	CHROMIUM, DISSOLVED	LT	0.020	mg/l	
5/8/96	COPPER, DISSOLVED	LT	0.020	mg/l	
5/8/96	IRON, DISSOLVED		0.040	mg/l	
5/8/96	MAGNESIUM, DISSOLVED		33.5	mg/l	
5/8/96	MANGENESE, DISSOLVED		0.066	mg/l	
5/8/96	ZINC, DISSOLVED	LT	0.020	mg/l	
5/8/96	CONDUCTIVITY		710	UMHO/CM	
5/8/96	PH-FIELD		7.6		
5/8/96	TURBIDITY		3.7	NTU	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGUXX8303

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/8/96	ALUMINUM, TOTAL	LT	0.20	mg/l	
5/8/96	CADMIUM, TOTAL	LT	0.010	mg/l	
5/8/96	CHROMIUM, TOTAL	LT	0.020	mg/l	
5/8/96	COPPER, TOTAL	LT	0.020	mg/l	
5/8/96	IRON, TOTAL		0.090	mg/l	
5/8/96	HARDNESS (MG/L AS CaCO3)		340.	mg/l	
5/8/96	MAGNESIUM, TOTAL		29.1	mg/l	
5/8/96	MANGANESE, TOTAL		0.063	mg/l	
5/8/96	ZINC, TOTAL	LT	0.020	mg/l	
5/8/96	ALKALINITY		310.	mg/l	
5/8/96	FLUORIDE	LT	0.2	mg/l	
5/8/96	SULFATE		83	mg/l	
5/8/96	TOTAL DISSOLVED SOLIDS		410	mg/l	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGUXX8304

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ARSENIC, DISSOLVED	LT	0.002	mg/l	
5/7/96	MERCURY, DISSOLVED	LT	0.0002	mg/l	
5/7/96	LEAD, DISSOLVED	LT	0.005	mg/l	
5/7/96	SELENIUM, DISSOLVED	LT	0.009	mg/l	
5/7/96	ARSENIC, TOTAL	LT	0.002	mg/l	
5/7/96	MERCURY, TOTAL	LT	0.0002	mg/l	
5/7/96	LEAD, TOTAL		0.006	mg/l	
5/7/96	SELENIUM, TOTAL	LT	0.009	mg/l	
5/7/96	ALUMINUM, DISSOLVED	LT	0.20	mg/l	
5/7/96	CADMIUM, DISSOLVED	LT	0.010	mg/l	
5/7/96	CHROMIUM, DISSOLVED	LT	0.020	mg/l	
5/7/96	COPPER, DISSOLVED	LT	0.020	mg/l	
5/7/96	IRON, DISSOLVED	LT	0.020	mg/l	
5/7/96	MAGNESIUM, DISSOLVED		16.1	mg/l	
5/7/96	MANGENESE, DISSOLVED	LT	0.020	mg/l	
5/7/96	ZINC, DISSOLVED	LT	0.020	mg/l	
5/7/96	CONDUCTIVITY		610	UMHO/CM	
5/7/96	PH-FIELD		7.3		
5/7/96	TURBIDITY		23.1	NTU	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGUXX8304

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/7/96	ALUMINUM, TOTAL		3.04	mg/l	
5/7/96	CADMIUM, TOTAL	LT	0.010	mg/l	
5/7/96	CHROMIUM, TOTAL	LT	0.020	mg/l	
5/7/96	COPPER, TOTAL	LT	0.020	mg/l	
5/7/96	IRON, TOTAL		4.28	mg/l	
5/7/96	HARDNESS (MG/L AS CaCO3)		299.	mg/l	
5/7/96	MAGNESIUM, TOTAL		15.9	mg/l	
5/7/96	MANGANESE, TOTAL		0.22	mg/l	
5/7/96	ZINC, TOTAL		0.043	mg/l	
5/7/96	ALKALINITY		240.	mg/l	
5/7/96	FLUORIDE	LT	0.2	mg/l	
5/7/96	SULFATE		71	mg/l	
5/7/96	TOTAL DISSOLVED SOLIDS		360	mg/l	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGXGDXX04

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/8/96	ARSENIC, TOTAL	LT	0.002	mg/l	
5/8/96	MERCURY, TOTAL	LT	0.0002	mg/l	
5/8/96	LEAD, TOTAL	LT	0.005	mg/l	
5/8/96	SELENIUM, TOTAL		0.028	mg/l	
5/8/96	CONDUCTIVITY		1280	UMHO/CM	
5/8/96	PH-FIELD		7.2		
5/8/96	TURBIDITY		0.4	NTU	
5/8/96	ALUMINUM, TOTAL	LT	0.20	mg/l	
5/8/96	CADMIUM, TOTAL	LT	0.010	mg/l	
5/8/96	CHROMIUM, TOTAL	LT	0.020	mg/l	
5/8/96	COPPER, TOTAL	LT	0.020	mg/l	
5/8/96	IRON, TOTAL	LT	0.020	mg/l	
5/8/96	HARDNESS (MG/L AS CaCO3)		608.	mg/l	
5/8/96	MAGNESIUM, TOTAL		35.4	mg/l	
5/8/96	MANGANESE, TOTAL	LT	0.020	mg/l	
5/8/96	ZINC, TOTAL		0.065	mg/l	
5/8/96	ALKALINITY		257.	mg/l	
5/8/96	FLUORIDE		0.38	mg/l	
5/8/96	SULFATE		350	mg/l	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGXDXX04

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/8/96	TOTAL DISSOLVED SOLIDS		950	mg/l	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGXGDXX07

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/8/96	ARSENIC, TOTAL	LT	0.002	mg/l	
5/8/96	MERCURY, TOTAL	LT	0.0002	mg/l	
5/8/96	LEAD, TOTAL	LT	0.005	mg/l	
5/8/96	SELENIUM, TOTAL		0.016	mg/l	
5/8/96	CONDUCTIVITY		2000	UMHO/CM	
5/8/96	PH-FIELD		7.3		
5/8/96	TURBIDITY		0.2	NTU	
5/8/96	ALUMINUM, TOTAL	LT	0.20	mg/l	
5/8/96	CADMIUM, TOTAL	LT	0.010	mg/l	
5/8/96	CHROMIUM, TOTAL	LT	0.020	mg/l	
5/8/96	COPPER, TOTAL	LT	0.020	mg/l	
5/8/96	IRON, TOTAL		0.033	mg/l	
5/8/96	HARDNESS (MG/L AS CaCO3)		939.	mg/l	
5/8/96	MAGNESIUM, TOTAL		94.7	mg/l	
5/8/96	MANGANESE, TOTAL	LT	0.020	mg/l	
5/8/96	ZINC, TOTAL		0.056	mg/l	
5/8/96	ALKALINITY		289.	mg/l	
5/8/96	FLUORIDE		0.59	mg/l	
5/8/96	SULFATE		810	mg/l	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGXGDXX07

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/8/96	TOTAL DISSOLVED SOLIDS		1600	mg/l	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGXGDX09

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/8/96	ARSENIC, TOTAL	LT	0.002	mg/l	
5/8/96	MERCURY, TOTAL	LT	0.0002	mg/l	
5/8/96	LEAD, TOTAL	LT	0.005	mg/l	
5/8/96	SELENIUM, TOTAL		0.009	mg/l	
5/8/96	CONDUCTIVITY		1870	UMHO/CM	
5/8/96	PH-FIELD		7.4		
5/8/96	TURBIDITY		0.3	NTU	
5/8/96	ALUMINUM, TOTAL	LT	0.20	mg/l	
5/8/96	CADMIUM, TOTAL	LT	0.010	mg/l	
5/8/96	CHROMIUM, TOTAL	LT	0.020	mg/l	
5/8/96	COPPER, TOTAL	LT	0.020	mg/l	
5/8/96	IRON, TOTAL	LT	0.020	mg/l	
5/8/96	HARDNESS (MG/L AS CaCO3)		759.	mg/l	
5/8/96	MAGNESIUM, TOTAL		83.0	mg/l	
5/8/96	MANGANESE, TOTAL	LT	0.020	mg/l	
5/8/96	ZINC, TOTAL		0.059	mg/l	
5/8/96	ALKALINITY		286.	mg/l	
5/8/96	FLUORIDE		0.38	mg/l	
5/8/96	SULFATE		770	mg/l	

LT means less than
GT means greater than

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE

Sample Location: MAGXGDXX09

<u>Collection Date</u>	<u>Analysis Name</u>	<u>Notation</u>	<u>Result</u>	<u>Units</u>	<u>Qual.</u>
5/8/96	TOTAL DISSOLVED SOLIDS		1500	mg/l	

LT means less than
GT means greater than

TABLE OF PART 703 CLASS GA GROUND WATER EXCEEDENCES

Collection Date	Sample Location	Parameter	Notation	Result	Units	Standard
05/08/96	MAGCD-9111	LEAD, TOTAL		.03	mg/l	.03
05/08/96	MAGCD-9111	TOTAL DISSOLVED SOLIDS		590	mg/l	500

Collection Date	Sample Location	Parameter	Notation	Result	Units	Standard
05/07/96	MAGCI-9111	IRON, TOTAL		.36	mg/l	.3

Collection Date	Sample Location	Parameter	Notation	Result	Units	Standard
05/07/96	MAGDA-8305	SELENIUM, TOTAL		.04	mg/l	.01
05/07/96	MAGDA-8305	SELENIUM, DISSOLVED		.06	mg/l	.01
05/07/96	MAGDA-8305	SULFATE		1300	mg/l	250
05/07/96	MAGDA-8305	TOTAL DISSOLVED SOLIDS		2300	mg/l	500

Collection Date	Sample Location	Parameter	Notation	Result	Units	Standard
05/07/96	MAGDD-8702	SULFATE		710	mg/l	250
05/07/96	MAGDD-8702	TOTAL DISSOLVED SOLIDS		1400	mg/l	500

Collection Date	Sample Location	Parameter	Notation	Result	Units	Standard
05/07/96	MAGDD-8703	IRON, TOTAL		.72	mg/l	.3
05/07/96	MAGDD-8703	TOTAL DISSOLVED SOLIDS		1400	mg/l	500

Collection Date	Sample Location	Parameter	Notation	Result	Units	Standard
05/06/96	MAGDD-8705	PH-FIELD				

Collection Date	Sample Location	Parameter	Notation	Result	Units	Standard
05/07/96	MAGDD-8715	IRON, TOTAL		1.26	mg/l	.3
05/07/96	MAGDD-8715	TOTAL DISSOLVED SOLIDS		580	mg/l	500

Collection Date	Sample Location	Parameter	Notation	Result	Units	Standard
05/07/96	MAGDD-8716	IRON, TOTAL		.4	mg/l	.3

Collection Date	Sample Location	Parameter	Notation	Result	Units	Standard
05/06/96	MAGDD-9114	PH-FIELD				

pH Standard Range = 6.5 - 8.5

08/19/96

TABLE OF PART 703 CLASS GA GROUND WATER EXCEEDENCES

Collection Date	Sample Location	Parameter	Notation	Result	Units	Standard
05/07/96	MAGDI-8703	TOTAL DISSOLVED SOLIDS		740	mg/l	500

Collection Date	Sample Location	Parameter	Notation	Result	Units	Standard
05/07/96	MAGDI-8705	IRON, DISSOLVED		1.78	mg/l	.3
05/07/96	MAGDI-8705	IRON, TOTAL		1.89	mg/l	.3
05/07/96	MAGDI-8705	TOTAL DISSOLVED SOLIDS		620	mg/l	500

Collection Date	Sample Location	Parameter	Notation	Result	Units	Standard
05/07/96	MAGDI-8707	IRON, DISSOLVED		.54	mg/l	.3
05/07/96	MAGDI-8707	IRON, TOTAL		.93	mg/l	.3

Collection Date	Sample Location	Parameter	Notation	Result	Units	Standard
05/07/96	MAGDI-8715	IRON, TOTAL		.54	mg/l	.3
05/07/96	MAGDI-8715	TOTAL DISSOLVED SOLIDS		8000	mg/l	500

Collection Date	Sample Location	Parameter	Notation	Result	Units	Standard
05/07/96	MAGDI-8716	IRON, DISSOLVED		1.93	mg/l	.3
05/07/96	MAGDI-8716	IRON, TOTAL		4.12	mg/l	.3

Collection Date	Sample Location	Parameter	Notation	Result	Units	Standard
05/07/96	MAGDI-9114	IRON, TOTAL		1.05	mg/l	.3
05/07/96	MAGDI-9114	TOTAL DISSOLVED SOLIDS		540	mg/l	500

Collection Date	Sample Location	Parameter	Notation	Result	Units	Standard
05/07/96	MAGDSH8703	IRON, TOTAL		.6	mg/l	.3

Collection Date	Sample Location	Parameter	Notation	Result	Units	Standard
05/07/96	MAGDSH8705	IRON, TOTAL		2.06	mg/l	.3

Collection Date	Sample Location	Parameter	Notation	Result	Units	Standard
05/07/96	MAGDSH8707	IRON, TOTAL		6.79	mg/l	.3

pH Standard Range = 6.5 - 8.5

08/19/96

TABLE OF PART 703 CLASS GA GROUND WATER EXCEEDENCES

Collection Date	Sample Location	Parameter	Notation	Result	Units	Standard
05/07/96	MAGDWSXX01	IRON, TOTAL		1.48	mg/l	.3
05/07/96	MAGDWSXX01	TOTAL DISSOLVED SOLIDS		520	mg/l	500

Collection Date	Sample Location	Parameter	Notation	Result	Units	Standard
05/06/96	MAGDXX7721	IRON, TOTAL		1.39	mg/l	.3
05/06/96	MAGDXX7721	TOTAL DISSOLVED SOLIDS		510	mg/l	500

Collection Date	Sample Location	Parameter	Notation	Result	Units	Standard
05/06/96	MAGDXX7731	IRON, DISSOLVED		2.03	mg/l	.3
05/06/96	MAGDXX7731	IRON, TOTAL		2.39	mg/l	.3
05/06/96	MAGDXX7731	SULFATE		530	mg/l	250
05/06/96	MAGDXX7731	TOTAL DISSOLVED SOLIDS		1100	mg/l	500

Collection Date	Sample Location	Parameter	Notation	Result	Units	Standard
05/06/96	MAGDXX7741	SELENIUM, DISSOLVED		.24	mg/l	.01
05/06/96	MAGDXX7741	SELENIUM, TOTAL		.28	mg/l	.01
05/06/96	MAGDXX7741	IRON, TOTAL		.37	mg/l	.3
05/06/96	MAGDXX7741	SULFATE		2000	mg/l	250
05/06/96	MAGDXX7741	TOTAL DISSOLVED SOLIDS		3200	mg/l	500

Collection Date	Sample Location	Parameter	Notation	Result	Units	Standard
05/07/96	MAGDXX8105	IRON, TOTAL		1.32	mg/l	.3
05/07/96	MAGDXX8105	TOTAL DISSOLVED SOLIDS		630	mg/l	500

Collection Date	Sample Location	Parameter	Notation	Result	Units	Standard
05/07/96	MAGDXX8106	SELENIUM, DISSOLVED		.06	mg/l	.01
05/07/96	MAGDXX8106	SELENIUM, TOTAL		.06	mg/l	.01
05/07/96	MAGDXX8106	IRON, TOTAL		.32	mg/l	.3
05/07/96	MAGDXX8106	SULFATE		2000	mg/l	250
05/07/96	MAGDXX8106	TOTAL DISSOLVED SOLIDS		3500	mg/l	500

Collection Date	Sample Location	Parameter	Notation	Result	Units	Standard
05/07/96	MAGDXX8213	IRON, TOTAL		1.01	mg/l	.3
05/07/96	MAGDXX8213	TOTAL DISSOLVED SOLIDS		620	mg/l	500

Parameter

Notation

pH Standard Range = 6.5 - 8.5

08/19/96

TABLE OF PART 703 CLASS GA GROUND WATER EXCEEDENCES

Collection Date	Sample Location			Result	Units	Standard
05/07/96	MAGDXX8215	IRON, DISSOLVED		.34	mg/l	.3
05/07/96	MAGDXX8215	IRON, TOTAL		1.17	mg/l	.3

Collection Date	Sample Location	Parameter	Notation	Result	Units	Standard
05/08/96	MAGDXX8301	IRON, TOTAL		7.88	mg/l	.3

Collection Date	Sample Location	Parameter	Notation	Result	Units	Standard
05/07/96	MAGDXX8302	IRON, TOTAL		1.74	mg/l	.3
05/07/96	MAGDXX8302	IRON, DISSOLVED		2.03	mg/l	.3
05/07/96	MAGDXX8302	SULFATE		420	mg/l	250
05/07/96	MAGDXX8302	TOTAL DISSOLVED SOLIDS		930	mg/l	500

Collection Date	Sample Location	Parameter	Notation	Result	Units	Standard
05/07/96	MAGDXX8305	IRON, TOTAL		2.09	mg/l	.3
05/07/96	MAGDXX8305	IRON, DISSOLVED		2.23	mg/l	.3
05/07/96	MAGDXX8305	SULFATE		1100	mg/l	250
05/07/96	MAGDXX8305	TOTAL DISSOLVED SOLIDS		1500	mg/l	500

Collection Date	Sample Location	Parameter	Notation	Result	Units	Standard
05/08/96	MAGUD-9001	IRON, DISSOLVED		.83	mg/l	.3
05/08/96	MAGUD-9001	IRON, TOTAL		1.53	mg/l	.3

Collection Date	Sample Location	Parameter	Notation	Result	Units	Standard
05/06/96	MAGUXX7712	TOTAL DISSOLVED SOLIDS		560	mg/l	500

Collection Date	Sample Location	Parameter	Notation	Result	Units	Standard
05/08/96	MAGUXX8303	CADMIUM, DISSOLVED	LT	.02	mg/l	.01

Collection Date	Sample Location	Parameter	Notation	Result	Units	Standard
05/07/96	MAGUXX8304	IRON, TOTAL		4.28	mg/l	.3

Collection Date	Sample Location	Parameter	Notation	Result	Units	Standard
05/08/96	MAGXGDXX04	SELENIUM, TOTAL		.03	mg/l	.01
05/08/96	MAGXGDXX04	SULFATE		350	mg/l	250

pH Standard Range = 6.5 - 8.5

08/19/96

TABLE OF PART 703 CLASS GA GROUND WATER EXCEEDENCES

Collection Date	Sample Location			Result	Units	Standard
05/08/96	MAGXGDXX04	TOTAL DISSOLVED SOLIDS		950	mg/l	500

Collection Date	Sample Location	Parameter	Notation	Result	Units	Standard
05/08/96	MAGXGDXX07	SELENIUM, TOTAL		.02	mg/l	.01
05/08/96	MAGXGDXX07	SULFATE		810	mg/l	250
05/08/96	MAGXGDXX07	TOTAL DISSOLVED SOLIDS		1600	mg/l	500

Collection Date	Sample Location	Parameter	Notation	Result	Units	Standard
05/08/96	MAGXGDXX09	SULFATE		770	mg/l	250
05/08/96	MAGXGDXX09	TOTAL DISSOLVED SOLIDS		1500	mg/l	500

pH Standard Range = 6.5 - 8.5

08/19/96



August 23, 1996

GEMDEC-96-0161
GEM-124-CALL

SPDES Compliance Information Section
Division of Water
New York State Department of
Environmental Conservation
50 Wolf Road - Room 340
Albany, NY 12233-3506

SUBJECT: New York State Electric & Gas Corporation
NPDES/SPDES Discharge Monitoring Reports

1. Goudey Station Permit No. NY0003875
2. Greenidge Station Permit No. NY0001325
3. Hickling Station Permit No. NY0003859
4. Jennison Station Permit No. NY0003867
5. Milliken Station Permit No. NY0001333
6. Kintigh Station Permit No. NY0104213
7. Afton Ash Disposal Site Permit No. NY0108227
8. Weber Ash Disposal Site Permit No. NY0106542
9. Plattsburgh Coal Tar Site Permit No. NY0183628

Dear Sir or Madam:

Enclosed please find copies of the Discharge Monitoring Reports for July, 1996 for the above-referenced facilities.

If there are any questions concerning the enclosures, please contact Ms. Susan Wolf at (607) 762-8736.

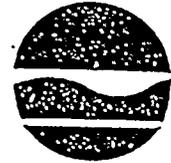
Very truly yours,

Peter A. Batrowny
Staff Environmental Specialist

PAB/SLW/scp
An Equal Opportunity Employer
Enclosures

SECTION 1

New York State Department of Environmental Conservation
Division of Water



Report of Noncompliance Event

To: DEC Water Contact Kristen Kenty DEC Region: 7

Report Type: 5 Day Permit Violation Order Violation Anticipated Noncompliance Bypass/Overflow

SECTION 2

SPDES #: NY-0001333 Facility: Milliken Station

Date of noncompliance: 7 / 4 / 96 Location (Outfall, Treatment Unit, or Pump Station): Sanitary waste treatment

Description of noncompliance(s) and cause(s): Total residual chlorine was 6.8 PPM. The TRC is believed to be elevated due to timing of sample collection in collection chamber.

Has event ceased? (Yes) (No) If so, when? _____ Was event due to plant upset? (Yes) (No) SPDES limits violated? (Yes) (No)

Start date, time of event: 7 / 4 / 96 : _____ (AM) (PM) End date, time of event: 7 / 4 / 96 : _____ (AM) (PM)

Date, time oral notification made to DEC? 8 / 21 / 96 , 10 : 10 (AM) (PM) DEC Official contacted: Kirsten Kenty

Immediate corrective actions: _____

Preventive (long term) corrective actions: Evaluate and possibly change sample location.

SECTION 3

Complete this section if event was a bypass:

Bypass amount: _____ Was prior DEC authorization received for this event? (Yes) (No)

DEC Official contacted: _____ Date of DEC approval: / /

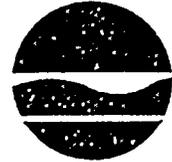
Describe event in "Description of noncompliance and cause" area in Section 2. Detail the start and end dates and times in Section 2 also.

SECTION 4

Facility Representative: Peter Behar Title: Staff Environmental Specialist Date: 8 / 23 / 96
Phone #: (607) 762 - 8737 Fax #: (607) 762 - 8457

SECTION 1

New York State Department of Environmental Conservation
Division of Water



Report of ~~Noncompliance~~ Event

To: DEC Water Contact Kristen Kenty DEC Region: 7

Report Type: 5 Day Permit Violation Order Violation Anticipated Noncompliance Bypass/Overflow

SECTION 2

SPDES #: NY- 0001333 Facility: Milliken Station

Date of noncompliance: 7 / 12 / 96 Location (Outfall, Treatment Unit, or Pump Station): Sanitary Waste Treatment Sys

Description of noncompliance(s) and cause(s): Fecal Coliform Value was ^{PAB} > 2000. High value was believed to be caused by a mechanical disturbance of the sand filter bed by landscapers.

Has event ceased? (Yes) (No) If so, when? _____ Was event due to plant upset? (Yes) (No) SPDES limits violated? (Yes) (No)

Start date, time of event: 7 / 12 / 96 : _____ (AM) (PM) End date, time of event: 7 / 12 / 96 : _____ (AM) (PM)

Date, time oral notification made to DEC? 7 / 22 / 96 , 13 : 00 (AM) (PM) DEC Official contacted: Kristen Kenty

Immediate corrective actions: _____

Preventive (long term) corrective actions: Limit disturbance of sand filter bed to necessary maintenance activities, continue to monitor and evaluate discharge.

SECTION 3

Complete this section if event was a bypass:

Bypass amount: _____ Was prior DEC authorization received for this event? (Yes) (No)

DEC Official contacted: _____ Date of DEC approval: 1 / 1

Describe event in "Description of noncompliance and cause" area in Section 2. Detail the start and end dates and times in Section 2 also.

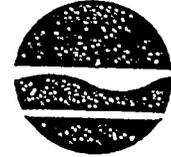
SECTION 4

Facility Representative: Peter A. Butler Title: Staff Environmental Specialist Date: 8 / 23 / 96

Phone #: (607) 762 - 8737 Fax #: (607) 762 - 8457

SECTION 1

New York State Department of Environmental Conservation
Division of Water



Report of Noncompliance Event

To: DEC Water Contact Kirsten Kenty DEC Region: _____

Report Type: 5 Day Permit Violation Order Violation Anticipated Noncompliance Bypass/Overflow

SECTION 2

SPDES #: NY- 0001333 Facility: Milliken Station

Date of noncompliance: 07 / 16 / 96 Location (Outfall, Treatment Unit, or Pump Station): Waste Water Treatment-WWT

Description of noncompliance(s) and cause(s): Waste water treatment plant was discharged without being sampled. Treatment plant was run to prevent overflow. Sampling personell arrived on 7-17-96 to collect sample but the WWT plant was not running.

Has event ceased? (Yes) (No) If so, when? 7/16/96 Was event due to plant upset? (Yes) (No) SPDES limits violated? (Yes) (No)

Start date, time of event: 7 / 15 / 96, _____ : _____ (AM) (PM) End date, time of event: 7 / 16 / 96, _____ : _____ (AM) (PM)

Date, time oral notification made to DEC? 8 / 21 / 96, 10 :05 (AM) (PM) DEC Official contacted: Kirsten Kenty

Immediate corrective actions: WWT operators were told of the importance of collecting samples.

Preventive (long term) corrective actions: Train plant personell to collect samples as a backup for field services.

SECTION 3

Complete this section if event was a bypass:

Bypass amount: _____ Was prior DEC authorization received for this event? (Yes) (No)

DEC Official contacted: _____ Date of DEC approval: / /

Describe event in "Description of noncompliance and cause" area in Section 2. Detail the start and end dates and times in Section 2 also.

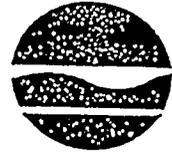
SECTION 4

Facility Representative: *Peter G. Bortone* Title: Staff Environmental Date: 8 / 23 / 96 Specialist

Phone #: (607) 762 - 8737 Fax #: (607) 762 - 8457

SECTION 1

New York State Department of Environmental Conservation
Division of Water



Report of Noncompliance Event

To: DEC Water Contact Kirsten Kenty DEC Region: _____

Report Type: 5 Day Permit Violation Order Violation Anticipated Noncompliance Bypass/Overflow

SECTION 2

SPDES #: NY- 0001333 Facility: Milliken Station

Date of noncompliance: 7 / 24 / 96 Location (Outfall, Treatment Unit, or Pump Station): Waste Water Treatment WW1

Description of noncompliance(s) and cause(s): Waste water treatment plant was discharged without being sampled. Treatment plant was run for only 3 hours.

Has event ceased? (Yes) (No) If so, when? 24 PAB 7/26/96 Was event due to plant upset? (Yes) (No) SPDES limits violated? (Yes) (No)

Start date, time of event: 7 / 24 / 96, _____ : _____ (AM) (PM) End date, time of event: 7 / 24 / 96, _____ : _____ (AM) (PM)

Date, time oral notification made to DEC? 8 / 21 / 96, 10 : 05 (AM) (PM) DEC Official contacted: Kirsten Kenty

Immediate corrective actions: WWT operators were told of the importance of collecting samples.

Preventive (long term) corrective actions: Train plant personell to collect samples as a backup for field services.

SECTION 3

Complete this section if event was a bypass:

Bypass amount: _____ Was prior DEC authorization received for this event? (Yes) (No) _____

DEC Official contacted: _____ Date of DEC approval: / /

Describe event in "Description of noncompliance and cause" area in Section 2. Detail the start and end dates and times in Section 2 also.

SECTION 4

Facility Representative: Peter Bahary Title: Staff Environmental Specialist Date: 8/23/96

Phone #: (607) 762 - 8737 Fax #: (607) 762 - 8457

SANITARY WASTES
(SUBR 07)
F - FINAL
MAJOR

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)
(17-19)

NY0001333
PERMIT NUMBER

001 A
DISCHARGE NUMBER

MONITORING PERIOD
YEAR MO DAY YEAR MO DAY
96 07 01 96 07 31

NY 13902-5224
NY 13902-5224 FROM

PERMITTEE NAME/ADDRESS (Include Facility Name/Location) (17-19)
NAME
NYS ELECTRIC & GAS CORP
ADDRESS
MILLIKEN GENERATING STATION
PO BOX 5224, CORPORATE DR
BINGHAMTON
NY 13902-5224
FACILITY
NYS ELECTRIC & GAS CORP
LOCATION
LUDLOWVILLE
ATTN: L RAY TUTTLE, SR ENV SPEC

*** NO DISCHARGE ***
NOTE: Read instructions before completing this form.

PARAMETER (32-37)	QUANTITY OR LOADING (46-53)			QUANTITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW RATE			(07)						
00056 1 0 0 EFFLUENT GROSS VALUE	195	*****	*****	*****	*****	*****	0	ONCE / MONTH	grab
800, 5-DAY (20 DEG. C)	2500	*****	*****	*****	*****	*****	0	ONCE / MONTH	grab
00310 1 0 0 EFFLUENT GROSS VALUE	30DA ARI	*****	*****	*****	*****	*****	0	ONCE / MONTH	grab
PH	*****	*****	*****	7.2	*****	*****	0	WEEKLY	grab
00400 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	6.0	*****	*****	0	WEEKLY	grab
SOLIDS, TOTAL SUSPENDED	*****	*****	*****	MINIMUM	*****	*****	0	ONCE / MONTH	grab
00530 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	0	ONCE / MONTH	grab
SOLIDS, SETTLEABLE	*****	*****	*****	*****	*****	*****	0	WEEKLY	grab
00545 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	0	WEEKLY	grab
CHLORINE, TOTAL RESIDUAL	*****	*****	*****	*****	*****	*****	1	WEEKLY	grab
50060 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	0	WEEKLY	grab

TELEPHONE: (607) 762-7500

DATE: 96 08 21

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT: *John K. Smith*

AREA CODE: 607 NUMBER: 762-7500

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER: **J.K. Smith - Vice President Generation**

TYPED OR PRINTED

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)
 NAME NYS ELECTRIC & GAS CORP
 ADDRESS MILLIKEN GENERATING STATION
 PO BOX 5224, CORPORATE DR
 BINGHAMTON NY 13902-5224
 FACILITY NYS ELECTRIC & GAS CORP
 LOCATION LUDLOWVILLE
 ATTN: L RAY TUTTLE, SR ENV SPEC

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)
 (2-19)
 NY0001333 PERMIT NUMBER
 001 B DISCHARGE NUMBER

Form Approved.
 PROCESS WATER RECORDING REPORT
 (SUBR 07)
 F - FINAL MAJOR

*** NO DISCHARGE ***
 NOTE: Read instructions before completing this form.

PARAMETER (32-37)	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUANTITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW RATE	3821774	4916000	(07)	*****	*****	*****	0	cont	recd
00056 1 0 0 EFFLUENT GROSS VALUE	REPORT DAILY AV	REPORT DAILY MX	GPD	*****	*****	*****	0	CONTINUOUS	RECORD
PH	*****	*****	*****	8.2	8.4	(12)	0	17	Grab
00400 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	6.0	9.0	SU	0	WEEKLY	GRAB
SOLIDS, TOTAL	*****	*****	*****	*****	MAXIMUM	(19)	0	17	Grab
SUSPENDED	*****	*****	*****	*****	*****	(19)	0	WEEKLY	COMPLY
00530 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	64	100	MG/L	0	17	Grab
OIL AND GREASE	*****	*****	*****	*****	DAILY AV	(19)	0	WEEKLY	GRAB
00556 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	DAILY MX	MG/L	0	17	Grab
ALUMINUM, TOTAL (AS AL)	*****	*****	*****	*****	DAILY MX	(19)	0	WEEKLY	COMPLY
01105 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	0.3	0.4	MG/L	0	17	COMPLY
CHLORINE, TOTAL RESIDUAL	*****	*****	*****	*****	DAILY AV	(19)	0	WEEKLY	COMPLY
50060 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	DAILY MX	MG/L	0	17	Grab
	*****	*****	*****	*****	DAILY MX	MG/L	0	CONTINUOUS	GRAB
	*****	*****	*****	*****	DAILY MX	MG/L	0	CONTINUOUS	GRAB

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1318. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 6 years.)

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 J.K. Smith - Vice President
 Generation
 TYPED OR PRINTED

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
John K. Smith

TELEPHONE (607) 762-7500
 DATE 96 08 21
 AREA CODE NUMBER

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

Form Approved
 COAL PILE RUNOFF/WEAVERMANCO009STE
 APPROVAL 2505-31-98

NY0001333
 PERMIT NUMBER

001 C
 DISCHARGE NUMBER

MONITORING PERIOD
 YEAR 96 MO 07 DAY 31
 TO YEAR 96 MO 07 DAY 31

NY 13902-5224
 FROM NY 13902-5224

NY 13902-5224
 SR. ENV SPEC

NY ELECTRIC & GAS CORP
 MILLIKEN GENERATING STATION
 PO BOX 5224, CORPORATE DR
 BINGHAMTON NY 13902-5224

PARAMETER (32-37)	(3 Card Only) (46-53) QUANTITY OR LOADING			(4 Card Only) (38-45) QUANTITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-69)	SAMPLE TYPE (69-70)
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
PH	*****	*****	*****	*****	*****	*****			
00400 EFFLUENT GROSS VALUE ARSENIC, TOTAL (AS AS)	*****	*****	*****	6.0 MINIMUM	*****	9.0 MAXIMUM		WEEKLY	GRAB
01002 EFFLUENT GROSS VALUE CHROMIUM, TOTAL (AS CR)	*****	*****	*****	*****	*****	0.05 DAILY AV		WEEKLY	COMP24
01034 EFFLUENT GROSS VALUE COPPER, TOTAL (AS CU)	*****	*****	*****	*****	*****	0.5 DAILY AV		WEEKLY	COMP24
01042 EFFLUENT GROSS VALUE COPPER, TOTAL (AS CU)	*****	*****	*****	*****	*****	1 DAILY AV		WEEKLY	COMP24
01042 EFFLUENT GROSS VALUE IRON, TOTAL (AS FE)	*****	*****	*****	*****	*****	0.4 DAILY AV		WEEKLY	COMP24
01045 EFFLUENT GROSS VALUE IRON, TOTAL (AS FE)	*****	*****	*****	*****	*****	1 DAILY AV		WEEKLY	COMP24
01045 EFFLUENT GROSS VALUE IRON, TOTAL (AS FE)	*****	*****	*****	*****	*****	2 DAILY AV		WEEKLY	COMP24

TELEPHONE (607) 762-7500
 DATE 96 08 23

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
J.K. Smith

AREA CODE NUMBER
 607 762-7500

DATE 96 08 23

TYPE OR PRINTED
 J.K. Smith - Vice President
 Generation

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 There were 2 discharges for which no samples were collected. See attached noncompliance reports.

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 There were 2 discharges for which no samples were collected. See attached noncompliance reports.

REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.
 EPA Form 3320-1 (08-95) Previous editions may be used.

MONITORING PERIOD (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

YEAR	MO	DAY	YEAR	MO	DAY
96	07	01	96	07	31

*** NO DISCHARGE ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	(3 Card Only) QUANTITY OR LOADING (54-61)			(4 Card Only) QUANTITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
	AVERAGE (46-53)	MAXIMUM (54-57)	UNITS (58-61)	MINIMUM (38-45)	AVERAGE (46-53)	MAXIMUM (54-61)			
FLOW RATE	*****	*****	(07)	*****	*****	*****			
00056 EFFLUENT GROSS VALUE	*****	REPORT DAILY MX *****	*****	*****	*****	*****		ONCE/ DISCHG	INSTAN
SOLIDS, TOTAL	*****	*****	*****	*****	*****	(19)			
SUSPENDED	*****	*****	*****	*****	*****	*****			
00530 P 0 0	*****	*****	*****	*****	*****	50 MG/L		ONCE/ DISCHG	GRAB
SEE COMMENTS BELOW	*****	*****	*****	*****	*****	*****			
SOLIDS, TOTAL	*****	*****	*****	*****	*****	(19)			
SUSPENDED	*****	*****	*****	*****	*****	*****			
00530 I 0 0	*****	*****	*****	*****	*****	100 MG/L		ONCE/ DISCHG	GRAB
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****			
OIL AND GREASE	*****	*****	*****	*****	*****	*****			
BREON EXTR-GRAB METH	*****	*****	*****	*****	*****	*****			
00556 I 0 0	*****	*****	*****	*****	*****	15 MG/L		ONCE/ DISCHG	GRAB
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****			
SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****			
PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****			
SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****			
PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****			
SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****			
PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****			
SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****			
PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER: J.K. Smith - Vice President Generation

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT: *J.K. Smith*

TELEPHONE: (607) 762-7500

DATE: 96 08 23

TYPED OR PRINTED: J.K. Smith - Vice President Generation

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

TOTAL SUSPENDED SOLIDS LIMIT FOR DISCHARGE INCLUDING COAL PILE RUNOFF SHOULD BE REPORTED ON THE PARAMETER LINE CODED 00530 P 0 0. IF THIS CONDITION DOES NOT APPLY DURING THE MONITORING PERIOD, ENTER *NODI 9*

PLANT OF: MILLIKEN GENERATING STATION

EPA Form 3520-1 (06-95) Previous editions may be used.



September 27, 1996

GEMDEC-96-0188

GEM-124-CALL

SPDES Compliance Information Section
Division of Water
New York State Department of
Environmental Conservation
50 Wolf Road - Room 340
Albany, NY 12233-3506

SUBJECT: New York State Electric & Gas Corporation
NPDES/SPDES Discharge Monitoring Reports

1. Goudey Station Permit No. NY0003875
2. Greenidge Station Permit No. NY0001325
3. Hickling Station Permit No. NY0003859
4. Jennison Station Permit No. NY0003867
5. Milliken Station Permit No. NY0001333
6. Somerset Station Permit No. NY0104213
7. Afton Ash Disposal Site Permit No. NY0108227
8. Weber Ash Disposal Site Permit No. NY0106542
9. Plattsburgh Coal Tar Site Permit No. NY0183628

Dear Sir or Madam:

Enclosed please find copies of the Discharge Monitoring Reports for August, 1996 for the above-referenced facilities.

If there are any questions concerning the enclosures, please contact Ms. Susan Wolf at (607) 762-8736.

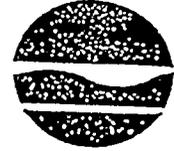
Very truly yours,

Peter A. Batrowny
Staff Environmental Specialist

PAB/SLW/scp
Enclosures
An Equal Opportunity Employer

SECTION 1

New York State Department of Environmental Conservation
Division of Water



~~Report of Noncompliance Event~~

To: DEC Water Contact Kirsten Kenty DEC Region: 7

Report Type: 5 Day Permit Violation Order Violation Anticipated Noncompliance Bypass/Overflow

SECTION 2

SPDES #: NY- 0001333 Facility: Milliken Station

Date of noncompliance: 8 / 8 / 96 Location (Outfall, Treatment Unit, or Pump Station): Sanitary Waste 001A

Description of noncompliance(s) and cause(s): Fecal coliform > 2000

Exceedance is believed to be caused by insufficient contact time between chlorine and water before sample is taken.

Has event ceased? (Yes) (No) If so, when? _____ Was event due to plant upset? (Yes) (No) SPDES limits violated? (Yes) (No)

Start date, time of event: 8 / 8 / 96, _____ : _____ (AM) (PM) End date, time of event: 1 / 1, _____ : _____ (AM) (PM)

Date, time oral notification made to DEC? 8 / 23 / 96, 9 : 10 (AM) (PM) DEC Official contacted: K.K.

Immediate corrective actions: _____

Preventive (long term) corrective actions: Evaluate alternate sampling location down stream of current location.

SECTION 3

Complete this section if event was a bypass:

Bypass amount: _____ Was prior DEC authorization received for this event? (Yes) (No) _____

DEC Official contacted: _____ Date of DEC approval: 1 / 1

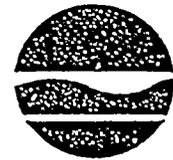
Describe event in "Description of noncompliance and cause" area in Section 2. Detail the start and end dates and times in Section 2 also.

SECTION 4

Facility Representative: Peter A. Batrowny Title: Staff Environmental Specialist Date: 9 / 23 / 96
Phone #: (607) 762 - 8737 Fax #: (607) 762 - 8457

SECTION 1

New York State Department of Environmental Conservation
Division of Water



Report of Noncompliance Event

To: DEC Water Contact Kirsten Kenty DEC Region: _____

Report Type: 5 Day Permit Violation Order Violation Anticipated Noncompliance Bypass/Overflow

SECTION 2

SPDES #: NY- 0001333 Facility: Milliken Station

Date of noncompliance: 8 / 12 / 96 Location (Outfall, Treatment Unit, or Pump Station): Waste Water Treatment - WW1

Description of noncompliance(s) and cause(s): Waste water treatment plant was discharged without being sampled. Treatment plant was run to prevent overflow. Sampling personnel arrived on ~~7/17/96~~ 7/17/96 to collect sample but the WWT plant was not running.
PAB

Has event ceased? (Yes) (No) If so, when? 8/12/96 Was event due to plant upset? (Yes) (No) SPDES limits violated? (Yes) (No)

Start date, time of event: 8 / 9 / 96, _____ : _____ (AM) (PM) End date, time of event: 8 / 12 / 96, _____ : _____ (AM) (PM)

Date, time oral notification made to DEC? 8 / 21 / 96, 10 : 05 (AM) (PM) DEC Official contacted: Kirsten Kenty

Immediate corrective actions: WWT operators were told of the importance of collecting samples.

Preventive (long term) corrective actions: Train plant personnel to collect samples as a backup for field services.

SECTION 3

Complete this section if event was a bypass:

Bypass amount: _____ Was prior DEC authorization received for this event? (Yes) (No)

DEC Official contacted: _____ Date of DEC approval: / /

Describe event in "Description of noncompliance and cause" area in Section 2. Detail the start and end dates and times in Section 2 also.

SECTION 4

Facility Representative:  Title: Staff Environmental Specialist Date: 9 / 27 / 96
Phone #: (607) 762 - 8737 Fax #: (607) 762 - 8457

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)
 NAME NYS ELECTRIC & GAS CORP
 ADDRESS MILLIKEN GENERATING STATION
 PO BOX 5224, CORPORATE DR
 BINGHAMTON NY 13902-5224
 FACILITY NYS ELECTRIC & GAS CORP
 LOCATION LUDLOWVILLE
 ATTN: L RAY TUTTLE, SR ENV SPEC

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)
 (17-19)
 NY0001333
 PERMIT NUMBER
 001 A
 DISCHARGE NUMBER

Form Approved.
 OMB No. 2040-0004
 Approval Expires 05-31-98
 SANITARY WASTES
 (SUBR 07)
 F - FINAL
 MAJOR

MONITORING PERIOD
 YEAR MO DAY YEAR MO DAY
 96 08 01 96 08 31
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)
 *** NO DISCHARGE ***
 NOTE: Read instructions before completing this form.

PARAMETER (32-37)	QUANTITY OR LOADING (154-61)			QUANTITY OR CONCENTRATION (154-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
	AVERAGE (146-53)	MAXIMUM (154-61)	UNITS (07)	MINIMUM (138-45)	AVERAGE (146-53)	MAXIMUM (154-61)			
FLOW RATE	2223	*****	(07)	*****	*****	*****	0	cont	rec'd
0056 FFLUENT GROSS VALUE	2500	*****	GPD	*****	*****	*****	0	ONCE / MONTH	comp-6
00, 5-DAY (20 DEG. C)	30DA AVG	*****	*****	*****	*****	*****	0	ONCE / MONTH	comp-6
0010 FFLUENT GROSS VALUE	*****	*****	*****	7.2	*****	*****	0	WEEKLY	GRAB
0400 FFLUENT GROSS VALUE	*****	*****	*****	6.0	*****	*****	0	WEEKLY	GRAB
0530 FFLUENT GROSS VALUE	*****	*****	*****	MINIMUM	*****	*****	0	ONCE / MONTH	comp-6
SOLIDS, SETTLEABLE	*****	*****	*****	*****	*****	*****	0	WEEKLY	GRAB
0545 FFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	0	WEEKLY	GRAB
CHLORINE, TOTAL	*****	*****	*****	*****	*****	*****	0	WEEKLY	GRAB
RESIDUAL	*****	*****	*****	*****	*****	*****	0	WEEKLY	GRAB
0060 FFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	0	WEEKLY	GRAB

STATEMENT OF PRINCIPAL EXECUTIVE OFFICER
 I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)
 J.K. Smith - Vice President
 Generation
 TYPED OR PRINTED
 COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
 L. R. Tuttle, Sr.
 TELEPHONE (607) 752-1500
 DATE 96 09 23
 AREA CODE NUMBER MO DAY

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)
 NAME NYS ELECTRIC & GAS CORP
 ADDRESS MILLIKEN GENERATING STATION
 PO BOX 5224, CORPORATE DR
 8 BINGHAMTON NY 13902-5224
 FACILITY NYS ELECTRIC & GAS CORP
 LOCATION LUDLOWVILLE NY 13902-5224 FROM
 ATTN: L RAY TUTTLE, SR ENV SPEC

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)
 (2-16) NY0001333 PERMIT NUMBER
 001 B DISCHARGE NUMBER

MONITORING PERIOD
 YEAR MO DAY YEAR MO DAY
 95 08 01 TO 95 08 31
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

Form Approved.
 PROCESS WATER RECONSTRUCTION
 (SUBR 07) F - FINAL MAJOR
 Approval Expires 05-31-98

*** NO DISCHARGE [] ***
 NOTE: Read instructions before completing this form.

PARAMETER (32-37)	(3 Card Only) QUANTITY OR LOADING (54-61)			(4 Card Only) QUANTITY OR CONCENTRATION (54-61)			UNITS	AVERAGE (46-53)	MINIMUM (38-45)	MAXIMUM (19)	NO. EX (62-69)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
	AVERAGE (46-53)	MAXIMUM (54-61)	UNITS (07)	AVERAGE (46-53)	MINIMUM (38-45)	MAXIMUM (19)							
FLOW RATE													
00056 EFFLUENT GROSS VALUE	4433323	6039000	REPORT DAILY MX	REPORT DAILY MX									
PH													
00400 EFFLUENT GROSS VALUE													
SOLIDS, TOTAL SUSPENDED													
00530 EFFLUENT GROSS VALUE													
Oil AND GREASE													
00556 EFFLUENT GROSS VALUE													
ALUMINUM, TOTAL (AS AL)													
01105 EFFLUENT GROSS VALUE													
CHLORINE, TOTAL RESIDUAL													
50060 EFFLUENT GROSS VALUE													

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
J.K. Smith = Vice President
 Generation

TYPED OR PRINTED

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
John L. Bahrow

TELEPHONE (607) 762-7500

DATE 96 09 23

AREA CODE NUMBER

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

EPA Form 3320-1 (08-95) Previous editions may be used. (REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)
 NAME NYS ELECTRIC & GAS CORP
 ADDRESS MILLIKEN GENERATING STATION
 PO BOX 5224, CORPORATE DR
 SINGHAMTON NY 13902-5224
 FACILITY NYS ELECTRIC & GAS CORP
 LOCATION LUDLOWVILLE
 ATTN: L RAY TUTTLE, SR ENV SPEC

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)
 (12-19)
 NY0001333 PERMIT NUMBER
 001 C DISCHARGE NUMBER
 MONITORING PERIOD
 YEAR MO DAY YEAR MO DAY
 96 08 31 96 08 31
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

Form Approved.
 COAL PILE RUNOFF/EMERGENCY OUPYTE
 (SUBR 07)
 F - FINAL
 MAJOR
 Approval Expires 05-05-98

*** NO DISCHARGE ***
 NOTE: Read instructions before completing this form.

PARAMETER (32-37)	(3 Card Only) QUANTITY OR LOADING (54-61)			(4 Card Only) QUANTITY OR CONCENTRATION (54-61)			UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
	AVERAGE (46-53)	MAXIMUM (54-61)	UNITS	MINIMUM (38-45)	AVERAGE (46-53)	MAXIMUM (54-61)				
PH	8.3	8.3	8.3	8.3	8.3	8.3	(12)	0	1/7	Grab
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	SU		WEEKLY	GRAB
ARSENIC, TOTAL (AS AS)	*****	*****	*****	*****	*****	*****	(19)	0	1/7	empty COMP24
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	MG/L		WEEKLY	COMP24
CHROMIUM, TOTAL (AS CR)	*****	*****	*****	*****	*****	*****	(19)	0	1/7	empty COMP24
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	MG/L		WEEKLY	COMP24
COPPER, TOTAL (AS CU)	*****	*****	*****	*****	*****	*****	(19)	0	1/7	empty COMP24
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	MG/L		WEEKLY	COMP24
IRON, TOTAL (AS FE)	*****	*****	*****	*****	*****	*****	(19)	0	1/7	empty COMP24
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	MG/L		WEEKLY	COMP24

TELEPHONE (607) 762-7500
 DATE 96 09 23
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
 J.K. Smith - Vice President
 Generation
 TYPED OR PRINTED

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 COPPER AND IRON PARAMETERS CODED AS 01042 U 0 0 AND 01045 U 0 0, RESPECTIVELY, ARE FOR REPORTING
 PARAMETERS WHICH HAVE DIFFERENT LIMITS TO INCLUDE CLEANING WASTES.
 EPA Form 3320-1 (08-95) Previous editions may be used.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)
 NAME NYS ELECTRIC & GAS CORP
 ADDRESS MILLIKEN GENERATING STATION
 PO BOX 5224, CORPORATE DR
 BINGHAMTON NY 13902-5224
 FACILITY NYS ELECTRIC & GAS CORP
 LOCATION LUDLOWVILLE NY 13902-5224 FROM
 ATTN: L RAY TUTTLE, SR ENV SPEC

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)
 (2-16)
 NY0001333 PERMIT NUMBER
 001 C DISCHARGE NUMBER

Form Approved.
 COAL PILE RUNOFF/OPERATIONAL
 (SUBR 07)
 F - FINAL MAJOR
 Approval 12/5/85 05-31-88

MONITORING PERIOD
 YEAR MO DAY YEAR MO DAY
 96 08 01 TO 96 08 31
 *** NO DISCHARGE ***
 NOTE: Read instructions before completing this form.

PARAMETER (32-37)	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUANTITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
LEAD, TOTAL (AS Pb)	*****	*****	*****	*****	10.05	(19)	0	1/7	comple
COPPER, TOTAL (AS Cu)	*****	*****	*****	*****	0.2	DAILY AV	0	1/7	comple
ZINC, TOTAL (AS Zn)	*****	*****	*****	*****	10.04	DAILY AV	0	1/7	comple
NICKEL, TOTAL (AS Ni)	*****	*****	*****	*****	1	DAILY AV	0	1/7	comple
IRON, TOTAL (AS Fe)	*****	*****	*****	*****	10.02	DAILY AV	0	1/7	comple
MANGANESE, TOTAL (AS Mn)	*****	*****	*****	*****	0.5	DAILY AV	0	1/7	comple
ALUMINUM, TOTAL (AS Al)	*****	*****	*****	*****	1	DAILY AV	0	1/7	comple
CHLORIDE, TOTAL (AS Cl)	*****	*****	*****	*****	2	DAILY AV	0	1/7	comple
SULFATE, TOTAL (AS SO4)	*****	*****	*****	*****	4	DAILY AV	0	1/7	comple
PHOSPHATE, TOTAL (AS P)	*****	*****	*****	*****	*****	*****	0	cont read	comple
AMMONIA, TOTAL (AS NH3)	*****	*****	*****	*****	*****	*****	0	cont read	comple
FLUORIDE, TOTAL (AS F)	*****	*****	*****	*****	*****	*****	0	cont read	comple
ARSENIC, TOTAL (AS As)	*****	*****	*****	*****	*****	*****	0	cont read	comple
CADMIUM, TOTAL (AS Cd)	*****	*****	*****	*****	*****	*****	0	cont read	comple
CHROMIUM, TOTAL (AS Cr)	*****	*****	*****	*****	*****	*****	0	cont read	comple
COPPER, TOTAL (AS Cu)	*****	*****	*****	*****	*****	*****	0	cont read	comple
IRON, TOTAL (AS Fe)	*****	*****	*****	*****	*****	*****	0	cont read	comple
MANGANESE, TOTAL (AS Mn)	*****	*****	*****	*****	*****	*****	0	cont read	comple
NICKEL, TOTAL (AS Ni)	*****	*****	*****	*****	*****	*****	0	cont read	comple
ZINC, TOTAL (AS Zn)	*****	*****	*****	*****	*****	*****	0	cont read	comple
LEAD, TOTAL (AS Pb)	*****	*****	*****	*****	*****	*****	0	cont read	comple
COPPER, TOTAL (AS Cu)	*****	*****	*****	*****	*****	*****	0	cont read	comple
ZINC, TOTAL (AS Zn)	*****	*****	*****	*****	*****	*****	0	cont read	comple
NICKEL, TOTAL (AS Ni)	*****	*****	*****	*****	*****	*****	0	cont read	comple
IRON, TOTAL (AS Fe)	*****	*****	*****	*****	*****	*****	0	cont read	comple
MANGANESE, TOTAL (AS Mn)	*****	*****	*****	*****	*****	*****	0	cont read	comple
ALUMINUM, TOTAL (AS Al)	*****	*****	*****	*****	*****	*****	0	cont read	comple
CHLORIDE, TOTAL (AS Cl)	*****	*****	*****	*****	*****	*****	0	cont read	comple
SULFATE, TOTAL (AS SO4)	*****	*****	*****	*****	*****	*****	0	cont read	comple
PHOSPHATE, TOTAL (AS P)	*****	*****	*****	*****	*****	*****	0	cont read	comple
AMMONIA, TOTAL (AS NH3)	*****	*****	*****	*****	*****	*****	0	cont read	comple
FLUORIDE, TOTAL (AS F)	*****	*****	*****	*****	*****	*****	0	cont read	comple
ARSENIC, TOTAL (AS As)	*****	*****	*****	*****	*****	*****	0	cont read	comple
CADMIUM, TOTAL (AS Cd)	*****	*****	*****	*****	*****	*****	0	cont read	comple
CHROMIUM, TOTAL (AS Cr)	*****	*****	*****	*****	*****	*****	0	cont read	comple
COPPER, TOTAL (AS Cu)	*****	*****	*****	*****	*****	*****	0	cont read	comple
IRON, TOTAL (AS Fe)	*****	*****	*****	*****	*****	*****	0	cont read	comple
MANGANESE, TOTAL (AS Mn)	*****	*****	*****	*****	*****	*****	0	cont read	comple
NICKEL, TOTAL (AS Ni)	*****	*****	*****	*****	*****	*****	0	cont read	comple
ZINC, TOTAL (AS Zn)	*****	*****	*****	*****	*****	*****	0	cont read	comple
LEAD, TOTAL (AS Pb)	*****	*****	*****	*****	*****	*****	0	cont read	comple

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 J. K. Smith = Vice President
 Generation
 TYPED OR PRINTED

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
 Peter G. Babawing

TELEPHONE
 (307) 752-7500

DATE
 96 09 23

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 COPPER AND IRON PARAMETERS CODED AS 01042 U 0 0 AND 01045 U 0 0, RESPECTIVELY, ARE FOR REPORTING PARAMETERS WHICH HAVE DIFFERENT LIMITS TO INCLUDE CLEANING WASTES.
 ENTER MONITORING PERIOD IF THESE CONDITIONS DO NOT APPLY DURING THE ENTIRE MONITORING PERIOD.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)
 NAME NYS ELECTRIC & GAS CORP
 ADDRESS MILLIKEN GENERATING STATION
 PO BOX 5224, CORPORATE DR
 BINGHAMTON NY 13902-5224
 FACILITY NYS ELECTRIC & GAS CORP
 LOCATION LUDLOWVILLE
 TITN: L RAY TUTTLE, SR ENV SPEC

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)
 (2-16)
 NY0001333 PERMIT NUMBER
 001 M DISCHARGE NUMBER

Form Approved.
 CONDENSER COOLING WATER TO 40-0004
 Approved by EPA 805-3-1-98
 (SUBR 07)
 F - FINAL
 MAJOR

MONITORING PERIOD
 YEAR MO DAY YEAR MO DAY
 96 08 01 96 08 31
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)
 *** NO DISCHARGE ***
 NOTE: Read instructions before completing this form.

PARAMETER (32-37)	(3 Card Only) QUANTITY OR LOADING (54-61)			(4 Card Only) QUANTITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
	AVERAGE (46-53)	MAXIMUM (54-61)	UNITS	AVERAGE (46-53)	MAXIMUM (54-61)	UNITS			
TEMPERATURE, WATER	*****	*****	*****	*****	*****	(15)	0	cont	recd
REG. FAHRENHEIT	*****	*****	*****	*****	*****	*****	CONTIN	CONTIN	RECORDER
0011 1 0 0	*****	*****	*****	*****	*****	*****	UOUS	UOUS	
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	0	cont	recd
LOW, IN CONDUIT OR	*****	*****	*****	*****	*****	*****	CONTIN	CONTIN	RECORDER
HRU TREATMENT PLANT	*****	*****	*****	*****	*****	*****	UOUS	UOUS	
0050 1 0 0	*****	*****	*****	*****	*****	*****	0	cont	recd
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	CONTIN	CONTIN	RECORDER
HLORINE, TOTAL	*****	*****	*****	*****	*****	*****	UOUS	UOUS	
RESIDUAL	*****	*****	*****	*****	*****	*****	0	cont	recd
0060 1 0 0	*****	*****	*****	*****	*****	*****	CONTIN	CONTIN	RECORDER
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	UOUS	UOUS	
EMP. DIFF. BETWEEN	*****	*****	*****	*****	*****	*****	0	cont	recd
WAKE AND DISCHARGE	*****	*****	*****	*****	*****	*****	CONTIN	CONTIN	RECORDER
1576 2 0 0	*****	*****	*****	*****	*****	*****	UOUS	UOUS	
EFFLUENT NET VALUE	*****	*****	*****	*****	*****	*****	0	cont	recd

TELEPHONE (607) 762-7500
 DATE 96 09
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
 Peter L. Balthasar
 AREA CODE NUMBER YEAR MO DAY
 23

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1318. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

TYPED OR PRINTED

PERMITTEE NAME/ADDRESS (Include Facility Name, Location if Different)
 NAME NYS ELECTRIC & GAS CORP
 ADDRESS MILLIKEN GENERATING STATION
 PO BOX 5224, CORPORATE DR
 BINGHAMTON NY 13902-5224

FACILITY NYS ELECTRIC & GAS CORP
 LOCATION LUDLOWVILLE
 ATTN: L RAY TUTTLE, SR ENV SPEC

PERMIT NUMBER: NY0001333
 DISCHARGE NUMBER: 002 M

MONITORING PERIOD
 YEAR MO DAY YEAR MO DAY
 96 08 01 96 08 31

EMERGENCY OVERFLOW REPORT (DNR) (17-19)
 (SUBR 07)
 F - FINAL MAJOR
 Form Approved.

*** NO DISCHARGE ***
 NOTE: Read instructions before completing this form.

PARAMETER (32-37)	QUANTITY OR CONCENTRATION (54-61)		QUANTITY OR CONCENTRATION (54-61)		QUANTITY OR CONCENTRATION (54-61)		NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
	AVERAGE (46-53)	MAXIMUM (46-53)	MINIMUM (38-45)	AVERAGE (46-53)	MAXIMUM (46-53)	UNITS			
FLOW RATE	*****	*****	*****	*****	*****	*****			
00056 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****			
SOLIDS, TOTAL SUSPENDED	*****	*****	*****	*****	*****	*****		ONCE/DISCHS	INSTANT
00530 P 0 0 SEE COMMENTS BELOW	*****	*****	*****	*****	*****	*****			
SOLIDS, TOTAL SUSPENDED	*****	*****	*****	*****	*****	*****			
00530 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****			
OIL AND GREASE	*****	*****	*****	*****	*****	*****			
00556 FLOW EXTR-GRAV METH	*****	*****	*****	*****	*****	*****			
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER: J.K. Smith = Vice President
 Generation
 TYPED OR PRINTED
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT: *J.K. Smith*
 TELEPHONE: (607) 762-7500
 DATE: 96 09 23

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 TOTAL SUSPENDED SOLIDS LIMIT FOR DISCHARGE INCLUDING COAL PILE RUNOFF SHOULD BE REPORTED ON THE PARAMETER LINE CODE: 00530 P 0 0. IF THIS CONDITION DOES NOT APPLY DURING THE MONITORING PERIOD, ENTER 'NODI 9'.
 EPA Form 3320-1 (08-95) Previous editions may be used. (REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)
 NAME NYS ELECTRIC & GAS CORP
 ADDRESS MILLIKEN GENERATING STATION
 PO BOX 5224, CORPORATE DR
 RINGHAMTON NY 13902-5224
 FACILITY NYS ELECTRIC & GAS CORP
 LOCATION LUDLOWVILLE
 ATTN: L RAY TUTTLE, SR ENV SPEC

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)
 (17-19)
 NY0001333 PERMIT NUMBER
 003 M DISCHARGE NUMBER
 MONITORING PERIOD
 YEAR MO DAY YEAR MO DAY
 96 08 01 96 08 31
 (20-21) (22-23) (24-26) (26-27) (28-29) (30-31)

Form Approved.
 LIFT STATION EMERGENCY 209000041 W
 Approved 12/15/95 05-31-98
 F - FINAL MAJOR
 *** NO DISCHARGE ***
 NOTE: Read instructions before completing this form.

PARAMETER (32-37)	QUANTITY OR LOADING (14 Card Only) (38-45)			QUANTITY OR CONCENTRATION (15-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
	AVERAGE (46-53)	MINIMUM (47-54)	MAXIMUM (48-55)	AVERAGE (56-63)	MINIMUM (57-64)	MAXIMUM (58-65)			
FLOW RATE	*****	*****	*****	*****	*****	*****			
00056 I 0 0	*****	*****	*****	*****	*****	*****			
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****			
PH	*****	*****	*****	*****	*****	*****			ONCE/DISCHE
00400 I 0 0	*****	*****	*****	*****	*****	*****			ONCE/DISCHE
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****			ONCE/DISCHE
SOLIDS, TOTAL	*****	*****	*****	*****	*****	*****			ONCE/DISCHE
SUSPENDED	*****	*****	*****	*****	*****	*****			ONCE/DISCHE
00530 P 0 0	*****	*****	*****	*****	*****	*****			ONCE/DISCHE
SEE COMMENTS BELOW	*****	*****	*****	*****	*****	*****			ONCE/DISCHE
SOLIDS, TOTAL	*****	*****	*****	*****	*****	*****			ONCE/DISCHE
SUSPENDED	*****	*****	*****	*****	*****	*****			ONCE/DISCHE
00530 I 0 0	*****	*****	*****	*****	*****	*****			ONCE/DISCHE
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****			ONCE/DISCHE
DIL AND GREASE	*****	*****	*****	*****	*****	*****			ONCE/DISCHE
FROM EXTR-GRAV METH	*****	*****	*****	*****	*****	*****			ONCE/DISCHE
00556 I 0 0	*****	*****	*****	*****	*****	*****			ONCE/DISCHE
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****			ONCE/DISCHE

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 L. R. Tuttle, Sr. Vice President
 Generation

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 6 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
 L. R. Tuttle, Sr.

TELEPHONE (607) 762-7500
 DATE 96 09 23

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 TOTAL SUSPENDED SOLIDS WHICH INCLUDES COAL PILE RUNOFF SHOULD BE REPORTED ON THE LINE CODED 00530 P 0 0.
 IF THIS CONDITION DOES NOT APPLY DURING THE MONITORING PERIOD, ENTER "NODI 9" IN PLACE OF A MEASUREMENT.

AREA CODE NUMBER YEAR MO DAY
 96 09 23

REPLACES EPA FORM T-40 WHICH MAY NOT BE USED



October 3, 1996

GEMDEC-96-0192
GEM-124-CALL

SPDES Compliance Information Section
Division of Water
New York State Department of
Environmental Conservation
50 Wolf Road - Room 340
Albany, NY 12233-3506

SUBJECT: New York State Electric & Gas Corporation
NPDES/SPDES Discharge Monitoring Report
Milliken Station Permit No. NY0001333

Dear Sir or Madam:

Enclosed please find a revised copy of Milliken Station Discharge # 001 C for the monitoring period August 1, 1996 to August 31, 1996. The daily average flow value was incorrectly reported as 0.01 MGD. The correct value is 0.04 MGD.

If you have any questions, please contact Ms. Susan Wolf at (607) 762-8736.

Very truly yours,

Peter A. Batrowny
Staff Environmental Specialist

PAB/SLW/scp
Enclosure

xc: NYSDEC, Syracuse
Tompkins County Health Dept.

XC: WJS

PERMITTEE NAME/ADDRESS (Include Facility Name/Location) (FD)(Item)

NAME NYS ELECTRIC & GAS CORP.
ADDRESS MILLIKEN GENERATING STATION
PO BOX 5224, CORPORATE DR
BINGHAMTON NY 13902-5224

ACTIVITY NYS ELECTRIC & GAS CORP
LOCATION LUDLOWVILLE
ATTN: LRAY TUTTLE, SR ENV SPEC

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR) (17-19)

PERMIT NUMBER NY0001333
DISCHARGE NUMBER 001 C

MONITORING PERIOD

YEAR MO DAY YEAR MO DAY
96 08 01 TO 96 08 31

QUANTITY OR LOADING (13 Card Only) (54-61)
AVERAGE MAXIMUM UNITS

QUANTITY OR CONCENTRATION (14 Card Only) (38-45)
MINIMUM UNITS

NO. EX (62-63) FREQUENCY OF ANALYSIS (64-68) SAMPLE TYPE (69-70)

*** NO DISCHARGE ***
NOTE: Read instructions before completing this form.

Table with columns: PARAMETER (32-37), AVERAGE, MAXIMUM, UNITS, MINIMUM, UNITS, AVERAGE, MAXIMUM, UNITS, NO. EX (62-63), FREQUENCY OF ANALYSIS (64-68), SAMPLE TYPE (69-70). Rows include LEAD, TOTAL (AS Pb), CHLORIDE, TOTAL (AS Cl), ZINC, TOTAL (AS Zn), AMMONIUM, TOTAL (AS Al), FLOW, IN CONDUIT THROUGH TREATMENT PLANT, MERCURY, TOTAL (AS Hg).

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER: J.K. Smith = Vice President, Generation
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT: Peter G. Saboury
TELEPHONE: (607) 752-7500
DATE: 96 08 23

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
COPPER AND IRON PARAMETERS CODED AS 01042 U 0 0 AND 01045 U 0 0, RESPECTIVELY, ARE FOR REPORTING
PARAMETERS WHICH HAVE DISCREPANT LIMITS TO INCLUDE CLEANING WASTES
IF THESE CONDITIONS DO NOT APPLY DURING THE ENTIRE MONITORING PERIOD.

Form Approved.
COAL PILE RUNOFF / OMBEAXN2960904TE
Approval expires 05-31-98
F - FINAL MAJOR



October 25, 1996

GEMDEC-96-0214
GEM-124-CALL

SPDES Compliance Information Section
Division of Water
New York State Department of
Environmental Conservation
50 Wolf Road - Room 340
Albany, NY 12233-3506

SUBJECT: New York State Electric & Gas Corporation
NPDES/SPDES Discharge Monitoring Reports

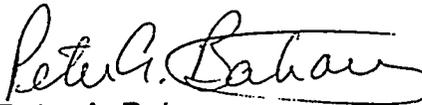
1. Goudey Station Permit No. NY0003875
2. Greenidge Station Permit No. NY0001325
3. Hickling Station Permit No. NY0003859
4. Jennison Station Permit No. NY0003867
5. Milliken Station Permit No. NY0001333
6. Somerset Station Permit No. NY0104213
7. Afton Ash Disposal Site Permit No. NY0108227
8. Weber Ash Disposal Site Permit No. NY0106542
9. Plattsburgh Coal Tar Site Permit No. NY0183628

Dear Sir or Madam:

Enclosed please find copies of the Discharge Monitoring Reports for September, 1996 for the above-referenced facilities.

If there are any questions concerning the enclosures, please contact Ms. Susan Wolf at (607) 762-8736.

Very truly yours,


Peter A. Batrowny
Staff Environmental Specialist

PAB/SLW/scp

Enclosures
An Equal Opportunity Employer

PERMITTEE NAME/ADDRESS (Include Facility Name/Location (if Different))
 NAME NYS ELECTRIC & GAS CORP
 ADDRESS MILLIKEN GENERATING STATION
 PO BOX 5224, CORPORATE DR
 BINGHAMTON NY 13902-5224
 FACILITY NYS ELECTRIC & GAS CORP
 LOCATION LUDLOWVILLE
 ATTN: L RAY TUTTLE, SR ENV SPEC

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)
 (7-79)
 NY0001333 PERMIT NUMBER
 001 A DISCHARGE NUMBER
 MONITORING PERIOD
 YEAR MO DAY YEAR MO DAY
 96 09 01 96 09 30

Form Approved.
 OMB No. 2040-0004
 Approval Expires 05-31-98
 12345
 SANITARY WASTES (SUBR 07)
 F - FINAL MAJOR
 *** NO DISCHARGE 1-1 ***
 NOTE: Read instructions before completing this form.

PARAMETER (32-37)	(3 Card Only) QUANTITY OR LOADING (54-61)			(4 Card Only) QUANTITY OR CONCENTRATION (46-53)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
	AVERAGE (46-53)	MAXIMUM (54-61)	UNITS (07)	MINIMUM (38-45)	AVERAGE (46-53)	MAXIMUM (54-61)			
FLOW RATE	1984	*****	(07)	*****	*****	*****	0	cont	reind
00056 1 0 0 EFFLUENT GROSS VALUE	2500	*****	*****	*****	*****	*****	0	ONCE/MONTH	COMP-8
BOD, 5-DAY (20 DEG. C)	30DA AVG	*****	GPD	*****	*****	3	0	1/30	comp-8
00310 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	30	0	ONCE/MONTH	COMP-8
PH	*****	*****	*****	6.8	*****	*****	0	1/7	Grab
00400 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	6.0	*****	*****	0	WEEKLYGRAB	COMP-8
SOLIDS, TOTAL SUSPENDED	*****	*****	*****	MINIMUM	*****	9.0	0	WEEKLYGRAB	COMP-8
00530 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	44	0	ONCE/MONTH	COMP-8
SOLIDS, SETTLEABLE	*****	*****	*****	*****	*****	30	0	ONCE/MONTH	COMP-8
00545 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	20.1	0	1/7	Grab
CHLORINE, TOTAL RESIDUAL	*****	*****	*****	*****	*****	0.3	0	WEEKLYGRAB	COMP-8
50060 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	1.0	0	1/7	Grab
	*****	*****	*****	*****	*****	5.0	0	WEEKLYGRAB	COMP-8

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 J.K. Smith - Vice President
 Generation
 TYPED OR PRINTED

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT


TELEPHONE
 (607) 762-7500

DATE
 96 10 24

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS (include Facility Name/Location (Differnt))
 NAME NYS ELECTRIC & GAS CORP
 ADDRESS MILLIKEN GENERATING STATION
 PO BOX 5224, CORPORATE DR
 BINGHAMTON NY 13902-5224
 FACILITY NYS ELECTRIC & GAS CORP
 LOCATION LUDLOWVILLE
 ATTN: L RAY TUTTLE, SR ENV SPEC

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)
 (17-19)
 NY0001333 PERMIT NUMBER
 001 B DISCHARGE NUMBER
 MONITORING PERIOD
 YEAR MO DAY YEAR MO DAY
 96 09 01 TO 96 09 30
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

Form Approved.
 PROCESS WATER RECYCLING FACILITY
 Approval Expires 05-31-98
 (SUBR 07)
 F - FINAL
 MAJOR
 *** NO DISCHARGE ***
 NOTE: Read Instructions before completing this form.

PARAMETER (32-37)	(3 Card Only) QUANTITY OR LOADING (145-53)			(4 Card Only) QUANTITY OR CONCENTRATION (154-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW RATE	4981967	6259000	(07)	*****	*****	*****	0	cont	recud
00056 EFFLUENT GROSS VALUE	REPORT DAILY AV	REPORT DAILY MX	GPD	*****	*****	*****	0	CONTINUOUS	RECORDR
PH	*****	*****	*****	*****	*****	*****	0	*****	*****
00400 EFFLUENT GROSS VALUE	*****	*****	*****	8.0	8.2	(12)	0	17	Grab
SOLIDS, TOTAL SUSPENDED	*****	*****	*****	MINIMUM	MAXIMUM	SU	0	17	WEEKLY GRAB
00530 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	(19)	0	17	WEEKLY COMP 24
00556 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	MG/L	0	17	WEEKLY GRAB
ALUMINUM, TOTAL (AS AL)	*****	*****	*****	*****	*****	(19)	0	17	WEEKLY COMP 24
01105 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	MG/L	0	17	WEEKLY GRAB
CHLORINE, TOTAL RESIDUAL	*****	*****	*****	*****	*****	(19)	0	17	WEEKLY COMP 24
50060 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	MG/L	0	17	CONTINUOUS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 J.K. Smith - Vice President
 Generation
 TYPED OR PRINTED

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
L. Tuttle

TELEPHONE (607) 762-7500
 DATE 96 10 24

AREA CODE NUMBER

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 No DIC - No chlorination this period PAB

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE I AM AWARE THAT THERE ARE TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)
 NAME NYS ELECTRIC & GAS CORP
 ADDRESS MILLIKEN GENERATING STATION
 PO BOX 5224, CORPORATE DR
 BINGHAMTON NY 13902-5224
 FACILITY NYS ELECTRIC & GAS CORP
 LOCATION LUDLOWVILLE
 ATTN: L RAY TUTTLE, SR ENV SPEC

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)
 (2-16)
 NY0001333 PERMIT NUMBER
 001 C DISCHARGE NUMBER

MONITORING PERIOD
 YEAR MO DAY YEAR MO DAY
 96 09 01 TO 96 09 30
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

Form Approved.
 COAL PILE RUNOFF MONITORING REPORT
 (SUBR 07)
 F - FINAL MAJOR
 Approval Expires 05-31-98
 12544

*** NO DISCHARGE ***
 NOTE: Read Instructions before completing this form.

PARAMETER (32-37)	QUANTITY OR LOADING (46-53)			QUANTITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
PH	*****	*****	*****	*****	*****	*****	0	17	Grab
004001000 EFFLUENT GROSS VALUE	*****	*****	*****	8.6	8.6	(12)	0	17	Grab
ARSENIC, TOTAL (AS AS)	*****	*****	*****	MINIMUM	MAXIMUM	SU	0	17	WEEKLY GRAB
010021000 EFFLUENT GROSS VALUE	*****	*****	*****	0.05	0.05	DAILY MX	0	17	WEEKLY COMP 24
CHROMIUM, TOTAL (AS CR)	*****	*****	*****	0.01	0.01	DAILY MX	0	17	WEEKLY COMP 24
010341000 EFFLUENT GROSS VALUE	*****	*****	*****	0.5	0.5	DAILY MX	0	17	WEEKLY COMP 24
COPPER, TOTAL (AS CU)	*****	*****	*****	NO DI 9	NO DI 9	MG/L	0	17	WEEKLY COMP 24
01042U000 SEE COMMENTS BELOW	*****	*****	*****	1	1	DAILY MX	0	17	WEEKLY COMP 24
COPPER, TOTAL (AS CU)	*****	*****	*****	0.01	0.01	DAILY MX	0	17	WEEKLY COMP 24
010421000 EFFLUENT GROSS VALUE	*****	*****	*****	0.4	0.4	DAILY MX	0	17	WEEKLY COMP 24
IRON, TOTAL (AS FE)	*****	*****	*****	NO DI 9	NO DI 9	MG/L	0	17	WEEKLY COMP 24
01045U000 SEE COMMENTS BELOW	*****	*****	*****	1	1	DAILY MX	0	17	WEEKLY COMP 24
IRON, TOTAL (AS FE)	*****	*****	*****	0.05	0.05	DAILY MX	0	17	WEEKLY COMP 24
010451000 EFFLUENT GROSS VALUE	*****	*****	*****	2	2	DAILY MX	0	17	WEEKLY COMP 24

TELEPHONE (607) 752-7500
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
 Peter Bohan
 AREA CODE NUMBER
 96 10 24
 YEAR MO DAY

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 J.K. Smith = Vice President
 Generation
 TYPED OR PRINTED

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 COPPER AND IRON PARAMETERS CODED AS 01042 U 0 0 AND 01045 U 0 0, RESPECTIVELY, ARE FOR REPORTING

ENTER NUMBER 2. IF THESE CONDITIONS DO NOT APPLY DURING THE ENTIRE MONITORING PERIOD.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)
 NAME NYS ELECTRIC & GAS CORP
 ADDRESS MILLIKEN GENERATING STATION
 PO BOX 5224, CORPORATE DR
 BINGHAMTON NY 13902-5224
 FACILITY NYS ELECTRIC & GAS CORP
 LOCATION LUDLOWVILLE
 ATTN: L RAY TUTTLE, SR ENV SPEC

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)
 (17-19)
 NY0001333 PERMIT NUMBER
 001 C DISCHARGE NUMBER
 MONITORING PERIOD
 YEAR MO DAY YEAR MO DAY
 96 09 01 TO 96 09 30
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

Form Approved.
 COAL PILE RUNOFF/CLEANING WASTE
 (SUBR 07)
 F -- FINAL
 MAJOR
 APPROVAL EXPIRES 05-31-98
 12345

*** NO DISCHARGE ***
 NOTE: Read instructions before completing this form.

PARAMETER (32-37)	QUANTITY OR LOADING (54-61)			QUANTITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
	AVERAGE (46-53)	MAXIMUM (54-61)	UNITS	AVERAGE (46-53)	MAXIMUM (54-61)	UNITS			
LEAD, TOTAL (AS PB)	0.002	0.002	(19)	0.002	0.002	(19)	0	1/7	WEEKLY COMP 24
01051 EFFLUENT GROSS VALUE	0.2	0.4	MG/L	DAILY AV	DAILY MX	MG/L	0	1/7	WEEKLY COMP 24
NICKEL, TOTAL (AS NI)	2.002	2.002	(19)	2.002	2.002	(19)	0	1/7	WEEKLY COMP 24
01067 EFFLUENT GROSS VALUE	1	2	MG/L	DAILY AV	DAILY MX	MG/L	0	1/7	WEEKLY COMP 24
ZINC, TOTAL (AS ZN)	0.06	0.06	(19)	0.06	0.06	(19)	0	1/7	WEEKLY COMP 24
01092 EFFLUENT GROSS VALUE	0.5	1	MG/L	DAILY AV	DAILY MX	MG/L	0	1/7	WEEKLY COMP 24
ALUMINUM, TOTAL (AS AL)	2	2	(19)	2	2	(19)	0	1/7	WEEKLY COMP 24
01105 EFFLUENT GROSS VALUE	2	4	MG/L	DAILY AV	DAILY MX	MG/L	0	1/7	WEEKLY COMP 24
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	0.07	0.08	(03)	0.07	0.08	(03)	0	cont record	CONTIN RECORD
50050 EFFLUENT GROSS VALUE	REPORT DAILY AV	REPORT DAILY MX	MGD	REPORT DAILY AV	REPORT DAILY MX	MGD	0	CONTINUOUS	CONTINUOUS
MERCURY, TOTAL (AS HG)	0.0002	0.0002	(19)	0.0002	0.0002	(19)	0	1/7	WEEKLY COMP 24
71900 EFFLUENT GROSS VALUE	0.05	0.1	MG/L	DAILY AV	DAILY MX	MG/L	0	1/7	WEEKLY COMP 24
SAMPLE MEASUREMENT									
PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 J.K. Smith - Vice President
 Generation
 TYPED OR PRINTED
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
 (607) 762-7500
 TELEPHONE
 DATE
 96 10 24
 YEAR MO DAY
 AREA CODE NUMBER

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 COPPER AND IRON PARAMETERS CODED AS 01042 U O O AND 01045 U O O, RESPECTIVELY, ARE FOR REPORTING PARAMETERS WHICH HAVE DIFFERENT LIMITS TO INCLUDE CLEANING WASTES.
 ENTER IN 01042 U O O IF THESE CONDITIONS DO NOT APPLY DURING THE ENTIRE MONITORING PERIOD.
 EPA Form 3320-1 (Rev. 8-81) PRINTING PLANTS MAY BE USED

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)
 NAME NYS ELECTRIC & GAS CORP
 ADDRESS MILLIKEN GENERATING STATION
 PO BOX 5224, CORPORATE DR
 BINGHAMTON NY 13902-5224
 FACILITY NYS ELECTRIC & GAS. CORP
 LOCATION LUDLOWVILLE
 ATTN: L RAY TUTTLE, SR ENV SPEC

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)
 (2-16) NY0001333 PERMIT NUMBER
 (2-19) 001 M DISCHARGE NUMBER

MONITORING PERIOD
 YEAR MO DAY YEAR MO DAY
 96 09 01 TO 96 09 30
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

Form Approved
 CONDENSER COOLING WATER APPROVAL
 (SUBR 07) APPROVAL EXPIRES 05-31-98
 F - FINAL MAJOR

*** NO DISCHARGE ***
 NOTE: Read instructions before completing this form.

PARAMETER (32-37)	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUANTITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
TEMPERATURE, WATER DEG. FAHRENHEIT	*****	*****	*****	*****	*****	*****	0	cont	read
00011 1 0 0	*****	*****	*****	*****	*****	*****		CONTINR UOUS	CORDR
EFFLUENT GROSS VALUE FLOW, IN CONDUIT OR THRU TREATMENT PLANT	*****	*****	*****	*****	*****	*****		CONTINR UOUS	CORDR
50050 1 0 0	*****	*****	*****	*****	*****	*****		CONTINR UOUS	CORDR
EFFLUENT GROSS VALUE CHLORINE, TOTAL RESIDUAL	*****	*****	*****	*****	*****	*****		CONTINR UOUS	CORDR
50060 1 0 0	*****	*****	*****	*****	*****	*****		CONTINR UOUS	CORDR
EFFLUENT GROSS VALUE TEMP. DIFF. BETWEEN INTAKE AND DISCHARGE	*****	*****	*****	*****	*****	*****		CONTINR UOUS	CORDR
61576 2 0 0	*****	*****	*****	*****	*****	*****		CONTINR UOUS	CORDR
EFFLUENT NET VALUE	*****	*****	*****	*****	*****	*****		CONTINR UOUS	CORDR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 J.K. Smith = Vice President
 Generation
 TYPED OR PRINTED

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
John K. Smith

TELEPHONE
 (607) 762-7500

DATE
 96 10 24

AREA CODE NUMBER
 607 762-7500

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 NODIC - no chlorination this period AB

PERMITTEE NAME/ADDRESS (Include Facility Name/ Location if Different)
 NAME NYS ELECTRIC & GAS CORP
 ADDRESS MILLIKEN GENERATING STATION
 PO BOX 5224, CORPORATE DR
 BINGHAMTON NY 13902-5224
 FACILITY NYS ELECTRIC & GAS CORP
 LOCATION LUDLOWVILLE NY 13902-5224
 ATTN: L RAY TUTTLE, SR ENV SPEC

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)
 (17-19)
 NY0001333 PERMIT NUMBER
 003 M DISCHARGE NUMBER

MONITORING PERIOD
 YEAR MO DAY YEAR MO DAY
 96 09 01 TO 96 09 30

LIFT STATION EMERGENCY 2049 8994 L W
 (SUBR 07)
 F - FINAL
 MAJOR
 Form Approved.
 Approval Expires 05-31-98
 12345

*** NO DISCHARGE ***
 NOTE: Read Instructions before completing this form.

PARAMETER (32-37)	(3 Card Only) QUANTITY OR LOADING (54-61)			(4 Card Only) QUANTITY OR CONCENTRATION (64-67)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
	AVERAGE (46-53)	MAXIMUM (54-61)	UNITS (07)	MINIMUM (38-45)	AVERAGE (46-53)	MAXIMUM (64-67)			
FLOW RATE	*****	*****	(07)	*****	*****	*****			
00056 1 0 0 EFFLUENT GROSS VALUE	*****	REPORT DAILY MX *****	*****	*****	*****	*****			
PH	*****	*****	GPD	*****	*****	(12)		ONCE/ DISCHG	INSTAN
00400 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	6.0 MINIMUM *****	*****	SU (19)		ONCE/ DISCHG	GRAB
SOLIDS, TOTAL SUSPENDED	*****	*****	*****	*****	*****	*****			
00530 P 0 0 SEE COMMENTS BELOW	*****	*****	*****	*****	*****	50 DAILY MX (19)		ONCE/ DISCHG	GRAB
SOLIDS, TOTAL SUSPENDED	*****	*****	*****	*****	*****	*****			
00530 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	100 DAILY MX (19)		ONCE/ DISCHG	GRAB
OIL AND GREASE	*****	*****	*****	*****	*****	*****			
FREON EXTR-GRAV METH	*****	*****	*****	*****	*****	*****			
00556 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	15 DAILY MX (19)		ONCE/ DISCHG	GRAB
SAMPLE MEASUREMENT									
PERMIT REQUIREMENT									
SAMPLE MEASUREMENT									
PERMIT REQUIREMENT									
SAMPLE MEASUREMENT									
PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 J. K. Smith = Vice President
 Generation
 TYPED OR PRINTED
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
 Peter G. Salomon
 TELEPHONE (507) 762-7500
 DATE 06 10 96
 AREA CODE NUMBER YEAR MO DAY

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

TOTAL SUSPENDED SOLIDS WHICH INCLUDES COAL PILE RUNOFF SHOULD BE REPORTED ON THE LINE CODED 00530 P 0 0.
 IF THIS CONDITION DOES NOT APPLY DURING THE MONITORING PERIOD, ENTER "00" IN "AC" = A ASL IEN

9.3 SOLID WASTE

The Solid Waste Disposal area report is submitted on an annual basis in accordance with the provisions established under Part 360 of the NYS Code of Rules and Regulations. No reports are required or have been submitted during this quarter.

10.0 APPENDICES

Appendix A - CEM Data

Appendix B - Groundwater

Milliken DOE Data Reporting

ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM001	07/01/96	0	143.1	1	132.7	9.6	1	18,901,000	1	449.0	0.297	1	103.4	1.00
002535	CSM001	07/01/96	1	151.9	1	155.7	9.6	1	19,904,000	1	501.9	0.349	1	108.9	1.00
002535	CSM001	07/01/96	2	145.0	1	153.8	9.7	1	19,579,000	1	471.3	0.341	1	108.3	1.00
002535	CSM001	07/01/96	3	141.8	1	162.0	9.7	1	19,508,000	1	459.2	0.359	1	107.9	1.00
002535	CSM001	07/01/96	4	96.7	1	151.6	9.0	1	17,874,000	1	286.9	0.362	1	91.7	1.00
002535	CSM001	07/01/96	5	122.8	1	150.6	9.5	1	18,240,000	1	371.8	0.341	1	98.8	1.00
002535	CSM001	07/01/96	6	113.2	1	200.4	10.5	1	19,914,000	1	374.2	0.410	1	119.2	1.00
002535	CSM001	07/01/96	7	99.9	1	184.0	10.3	1	19,906,000	1	330.1	0.384	1	116.9	1.00
002535	CSM001	07/01/96	8	141.3	1	166.0	10.8	1	21,942,000	1	514.7	0.330	1	135.1	1.00
002535	CSM001	07/01/96	9	103.2	1	172.1	10.4	1	19,556,000	1	335.0	0.356	1	115.9	1.00
002535	CSM001	07/01/96	10	107.4	1	177.8	10.4	1	19,377,000	1	345.5	0.367	1	114.9	1.00
002535	CSM001	07/01/96	11	84.1	1	184.3	10.2	1	18,275,000	1	255.1	0.388	1	106.3	1.00
002535	CSM001	07/01/96	12	80.2	1	185.8	10.2	1	18,439,000	1	245.5	0.391	1	107.2	1.00
002535	CSM001	07/01/96	13	82.0	1	181.1	10.3	1	18,332,000	1	249.5	0.378	1	107.6	1.00
002535	CSM001	07/01/96	14	87.7	1	189.3	10.3	1	18,601,000	1	270.8	0.395	1	109.2	1.00
002535	CSM001	07/01/96	15	128.4	1	176.7	10.6	1	20,750,000	1	442.3	0.358	1	125.4	1.00
002535	CSM001	07/01/96	16	109.7	1	187.5	10.3	1	19,856,000	1	361.6	0.391	1	116.6	1.00
002535	CSM001	07/01/96	17	84.3	1	181.2	10.1	1	19,018,000	1	266.1	0.386	1	109.5	1.00
002535	CSM001	07/01/96	18	73.3	1	183.2	10.0	1	17,910,000	1	217.9	0.394	1	102.1	1.00
002535	CSM001	07/01/96	19	70.1	1	185.3	10.0	1	17,774,000	1	206.8	0.398	1	101.3	1.00
002535	CSM001	07/01/96	20	128.8	1	186.6	10.5	1	20,644,000	1	441.4	0.382	1	123.6	1.00
002535	CSM001	07/01/96	21	185.0	1	177.6	11.1	1	24,597,000	1	755.4	0.344	1	155.6	1.00
002535	CSM001	07/01/96	22	122.7	1	205.9	10.4	1	20,975,000	1	427.2	0.426	1	124.3	1.00
002535	CSM001	07/01/96	23	50.7	1	187.7	9.5	1	16,098,000	1	135.5	0.425	1	87.2	1.00
002535	CSM001	07/02/96	0	51.7	1	179.7	9.4	1	15,975,000	1	137.1	0.411	1	85.6	1.00
002535	CSM001	07/02/96	1	60.2	1	176.7	9.7	1	16,922,000	1	169.1	0.392	1	93.6	1.00
002535	CSM001	07/02/96	2	55.8	1	169.3	9.5	1	16,835,000	1	155.9	0.363	1	91.2	1.00
002535	CSM001	07/02/96	3	80.2	1	159.7	10.1	1	17,692,000	1	235.5	0.340	1	101.9	1.00
002535	CSM001	07/02/96	4	40.9	1	175.2	9.4	1	16,440,000	1	111.6	0.401	1	88.1	1.00
002535	CSM001	07/02/96	5	42.3	1	166.2	9.3	1	16,047,000	1	112.7	0.384	1	85.1	1.00
002535	CSM001	07/02/96	6	55.1	1	148.0	9.7	1	15,861,000	1	145.1	0.328	1	87.7	1.00
002535	CSM001	07/02/96	7	97.8	1	158.7	10.2	1	19,524,000	1	317.0	0.334	1	113.5	1.00
002535	CSM001	07/02/96	8	118.8	1	173.3	10.5	1	21,103,000	1	416.2	0.355	1	126.3	1.00
002535	CSM001	07/02/96	9	197.9	1	191.1	11.1	1	25,709,000	1	844.6	0.370	1	162.7	1.00
002535	CSM001	07/02/96	10	150.1	1	190.3	11.3	1	25,658,000	1	639.3	0.362	1	165.3	1.00
002535	CSM001	07/02/96	11	88.5	1	185.5	10.8	1	21,857,000	1	321.1	0.369	1	134.6	1.00
002535	CSM001	07/02/96	12	47.5	1	181.4	10.1	1	18,716,000	1	147.6	0.386	1	107.7	1.00
002535	CSM001	07/02/96	13	80.2	1	180.6	10.4	1	20,414,000	1	271.8	0.373	1	121.0	1.00
002535	CSM001	07/02/96	14	58.4	1	178.0	10.2	1	19,459,000	1	188.6	0.375	1	113.1	1.00
002535	CSM001	07/02/96	15	89.6	1	181.0	10.1	1	18,741,000	1	278.7	0.385	1	107.9	1.00
002535	CSM001	07/02/96	16	174.7	1	182.6	10.7	1	22,754,000	1	659.9	0.357	1	138.8	1.00
002535	CSM001	07/02/96	17	181.2	1	179.6	11.3	1	26,792,000	1	805.9	0.342	1	172.6	1.00
002535	CSM001	07/02/96	18	165.4	1	171.8	11.3	1	26,199,000	1	719.3	0.327	1	168.7	1.00
002535	CSM001	07/02/96	19	167.7	1	169.8	11.3	1	25,649,000	1	714.0	0.323	1	165.2	1.00
002535	CSM001	07/02/96	20	131.8	1	158.9	11.2	1	24,145,000	1	528.3	0.305	1	154.1	1.00
002535	CSM001	07/02/96	21	58.6	1	165.6	10.3	1	19,465,000	1	189.3	0.346	1	114.3	1.00

Milliken DOE Data Reporting

ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM001	07/02/96	22	75.1	1	184.1	10.3	1	20,159,000	1	251.3	0.384	1	118.4	1.00
002535	CSM001	07/02/96	23	37.4	1	178.2	9.2	1	16,717,000	1	103.8	0.416	1	87.7	1.00
002535	CSM001	07/03/96	0	69.0	1	165.8	9.8	1	17,424,000	1	199.6	0.364	1	97.3	1.00
002535	CSM001	07/03/96	1	114.4	1	167.5	10.1	1	18,626,000	1	353.7	0.356	1	107.2	1.00
002535	CSM001	07/03/96	2	113.7	1	164.8	9.9	1	18,878,000	1	356.3	0.358	1	106.5	1.00
002535	CSM001	07/03/96	3	114.9	1	164.0	9.9	1	18,855,000	1	359.6	0.356	1	106.4	1.00
002535	CSM001	07/03/96	4	85.8	1	162.8	9.8	1	17,618,000	1	250.9	0.357	1	98.4	1.00
002535	CSM001	07/03/96	5	54.2	1	155.9	9.2	1	16,196,000	1	145.7	0.364	1	84.9	1.00
002535	CSM001	07/03/96	6	60.0	1	163.9	9.5	1	16,026,000	1	159.6	0.371	1	86.8	1.00
002535	CSM001	07/03/96	7	69.6	1	184.1	9.9	1	16,377,000	1	189.2	0.400	1	92.4	1.00
002535	CSM001	07/03/96	8	89.4	1	190.8	10.0	1	18,357,000	1	272.4	0.410	1	104.6	1.00
002535	CSM001	07/03/96	9	120.5	1	189.2	10.1	1	18,875,000	1	377.6	0.403	1	108.7	1.00
002535	CSM001	07/03/96	10	93.2	1	176.1	10.0	1	18,399,000	1	284.7	0.378	1	104.9	1.00
002535	CSM001	07/03/96	11	84.8	1	174.1	10.0	1	18,397,000	1	259.0	0.374	1	104.9	1.00
002535	CSM001	07/03/96	12	83.9	1	183.8	10.0	1	18,064,000	1	251.6	0.395	1	103.0	1.00
002535	CSM001	07/03/96	13	93.4	1	186.5	10.1	1	18,043,000	1	279.7	0.397	1	103.9	1.00
002535	CSM001	07/03/96	14	90.7	1	184.3	10.1	1	17,939,000	1	270.1	0.392	1	103.3	1.00
002535	CSM001	07/03/96	15	90.8	1	188.0	10.1	1	18,200,000	1	274.3	0.400	1	104.8	1.00
002535	CSM001	07/03/96	16	100.0	1	191.2	10.1	1	18,706,000	1	310.5	0.407	1	107.7	1.00
002535	CSM001	07/03/96	17	123.0	1	199.5	10.3	1	20,155,000	1	411.5	0.416	1	118.3	1.00
002535	CSM001	07/03/96	18	107.9	1	196.5	10.3	1	19,974,000	1	357.8	0.410	1	117.3	1.00
002535	CSM001	07/03/96	19	86.0	1	189.5	10.2	1	18,627,000	1	265.9	0.399	1	108.3	1.00
002535	CSM001	07/03/96	20	86.4	1	191.2	10.2	1	19,037,000	1	273.0	0.403	1	110.7	1.00
002535	CSM001	07/03/96	21	98.2	1	196.1	10.3	1	19,817,000	1	323.0	0.409	1	116.3	1.00
002535	CSM001	07/03/96	22	70.5	1	186.1	10.1	1	18,208,000	1	213.1	0.396	1	104.8	1.00
002535	CSM001	07/03/96	23	105.9	1	197.4	10.3	1	20,066,000	1	352.7	0.412	1	117.8	0.50
002535	CSM001	07/05/96	6	70.8	1	99.3	5.3	1	13,220,000	1	155.4	0.403	1	39.9	0.75
002535	CSM001	07/05/96	7	161.2	1	190.2	10.4	1	18,522,000	1	495.6	0.393	1	109.8	1.00
002535	CSM001	07/05/96	8	146.7	1	181.2	10.4	1	17,718,000	1	431.5	0.374	1	105.0	1.00
002535	CSM001	07/05/96	9	176.2	1	187.5	10.5	1	18,680,000	1	546.4	0.384	1	111.8	1.00
002535	CSM001	07/05/96	10	114.4	1	176.9	10.3	1	16,745,000	1	318.0	0.369	1	98.3	1.00
002535	CSM001	07/05/96	11	127.6	1	181.5	10.4	1	17,024,000	1	360.6	0.375	1	100.9	1.00
002535	CSM001	07/05/96	12	124.4	1	183.2	10.2	1	17,276,000	1	356.8	0.386	1	100.4	1.00
002535	CSM001	07/05/96	13	121.9	1	179.2	10.3	1	16,896,000	1	341.9	0.374	1	99.2	1.00
002535	CSM001	07/05/96	14	148.5	1	187.1	10.4	1	17,668,000	1	435.5	0.387	1	104.7	1.00
002535	CSM001	07/05/96	15	145.1	1	192.6	10.3	1	17,793,000	1	428.6	0.402	1	104.5	1.00
002535	CSM001	07/05/96	16	107.1	1	179.6	10.2	1	16,408,000	1	291.7	0.378	1	95.4	1.00
002535	CSM001	07/05/96	17	120.2	1	181.6	10.1	1	17,090,000	1	341.0	0.386	1	98.4	1.00
002535	CSM001	07/05/96	18	137.6	1	186.9	10.4	1	17,484,000	1	399.4	0.386	1	103.6	1.00
002535	CSM001	07/05/96	19	171.3	1	196.4	10.4	1	18,852,000	1	536.1	0.406	1	111.8	1.00
002535	CSM001	07/05/96	20	133.2	1	193.3	10.3	1	18,383,000	1	406.5	0.403	1	107.9	1.00
002535	CSM001	07/05/96	21	142.6	1	198.5	10.4	1	18,962,000	1	448.9	0.410	1	112.4	1.00
002535	CSM001	07/05/96	22	77.9	1	179.0	9.7	1	16,232,000	1	209.9	0.397	1	89.7	1.00
002535	CSM001	07/05/96	23	70.8	1	156.3	9.7	1	15,384,000	1	180.8	0.346	1	85.1	1.00
002535	CSM001	07/06/96	0	72.1	1	162.2	9.6	1	15,581,000	1	186.5	0.363	1	85.3	1.00
002535	CSM001	07/06/96	9.7	74.9	1	161.6	9.7	1	15,567,000	1	193.6	0.358	1	86.1	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM001	07/06/96	2	82.5	1	166.1	9.7	1	15,737,000	1	215.5	0.368	1	87.0	1.00
002535	CSM001	07/06/96	3	78.1	1	162.3	9.6	1	15,462,000	1	200.5	0.363	1	84.6	1.00
002535	CSM001	07/06/96	4	76.1	1	159.5	9.5	1	15,288,000	1	193.1	0.361	1	82.8	1.00
002535	CSM001	07/06/96	5	67.4	1	157.3	9.5	1	15,252,000	1	170.6	0.356	1	82.6	1.00
002535	CSM001	07/06/96	6	82.5	1	165.2	9.7	1	15,411,000	1	211.1	0.366	1	85.2	1.00
002535	CSM001	07/06/96	7	166.4	1	192.1	10.5	1	17,939,000	1	495.5	0.393	1	107.4	1.00
002535	CSM001	07/06/96	8	120.5	1	201.7	10.6	1	20,714,000	1	414.3	0.409	1	125.2	1.00
002535	CSM001	07/06/96	9	105.4	1	204.9	10.6	1	21,181,000	1	370.6	0.415	1	128.0	1.00
002535	CSM001	07/06/96	10	89.3	1	198.2	10.4	1	19,899,000	1	295.0	0.410	1	118.0	1.00
002535	CSM001	07/06/96	11	81.4	1	193.0	10.3	1	19,146,000	1	258.7	0.403	1	112.4	1.00
002535	CSM001	07/06/96	12	84.3	1	188.2	10.2	1	19,623,000	1	274.6	0.397	1	114.1	1.00
002535	CSM001	07/06/96	13	80.5	1	185.0	10.1	1	19,455,000	1	260.0	0.394	1	112.0	1.00
002535	CSM001	07/06/96	14	80.1	1	186.2	10.1	1	19,559,000	1	260.1	0.396	1	112.6	1.00
002535	CSM001	07/06/96	15	84.9	1	187.6	10.1	1	19,473,000	1	274.4	0.399	1	112.1	1.00
002535	CSM001	07/06/96	16	89.2	1	186.0	10.2	1	19,425,000	1	287.6	0.392	1	112.9	1.00
002535	CSM001	07/06/96	17	114.1	1	185.8	10.4	1	20,571,000	1	389.6	0.384	1	121.9	1.00
002535	CSM001	07/06/96	18	110.7	1	184.5	10.4	1	20,902,000	1	384.1	0.381	1	123.9	1.00
002535	CSM001	07/06/96	19	118.1	1	182.2	10.5	1	21,047,000	1	412.6	0.373	1	126.0	1.00
002535	CSM001	07/06/96	20	142.5	1	180.9	10.8	1	22,768,000	1	538.6	0.360	1	140.2	1.00
002535	CSM001	07/06/96	21	118.5	1	174.0	10.7	1	21,840,000	1	429.6	0.349	1	133.2	1.00
002535	CSM001	07/06/96	22	74.0	1	181.6	10.3	1	18,764,000	1	230.5	0.379	1	110.2	1.00
002535	CSM001	07/06/96	23	52.7	1	191.7	9.6	1	17,235,000	1	150.8	0.429	1	94.3	1.00
002535	CSM001	07/07/96	0	44.7	1	183.2	9.6	1	16,471,000	1	122.2	0.410	1	90.1	1.00
002535	CSM001	07/07/96	1	62.8	1	171.1	9.9	1	16,867,000	1	175.8	0.371	1	95.2	1.00
002535	CSM001	07/07/96	2	111.2	1	180.3	10.4	1	20,282,000	1	374.4	0.373	1	120.2	1.00
002535	CSM001	07/07/96	3	100.6	1	179.4	10.4	1	19,930,000	1	332.8	0.371	1	118.1	1.00
002535	CSM001	07/07/96	4	69.0	1	174.3	10.0	1	18,489,000	1	211.8	0.375	1	105.4	1.00
002535	CSM001	07/07/96	5	34.9	1	167.7	9.5	1	15,946,000	1	92.4	0.379	1	86.3	1.00
002535	CSM001	07/07/96	6	86.3	1	180.7	10.1	1	17,274,000	1	247.5	0.385	1	99.4	1.00
002535	CSM001	07/07/96	7	97.2	1	184.8	10.5	1	20,281,000	1	327.2	0.378	1	121.4	1.00
002535	CSM001	07/07/96	8	62.5	1	198.6	10.3	1	19,213,000	1	199.3	0.414	1	112.8	1.00
002535	CSM001	07/07/96	9	78.8	1	190.0	10.2	1	19,302,000	1	252.5	0.400	1	112.2	1.00
002535	CSM001	07/07/96	10	78.6	1	196.4	10.2	1	19,842,000	1	258.9	0.414	1	115.4	1.00
002535	CSM001	07/07/96	11	107.7	1	191.0	10.5	1	21,270,000	1	380.3	0.391	1	127.3	1.00
002535	CSM001	07/07/96	12	116.2	1	190.3	10.5	1	21,737,000	1	419.3	0.390	1	130.1	1.00
002535	CSM001	07/07/96	13	78.4	1	191.8	10.1	1	19,355,000	1	251.9	0.408	1	111.4	1.00
002535	CSM001	07/07/96	14	79.2	1	193.7	10.2	1	19,142,000	1	251.7	0.408	1	111.3	1.00
002535	CSM001	07/07/96	15	88.9	1	197.6	10.3	1	19,784,000	1	292.0	0.412	1	116.2	1.00
002535	CSM001	07/07/96	16	111.4	1	196.8	10.5	1	21,029,000	1	388.9	0.403	1	125.9	1.00
002535	CSM001	07/07/96	17	118.4	1	195.0	10.6	1	21,533,000	1	423.2	0.395	1	130.1	1.00
002535	CSM001	07/07/96	18	181.8	1	189.7	11.1	1	24,167,000	1	729.3	0.367	1	152.9	1.00
002535	CSM001	07/07/96	19	186.5	1	179.5	11.3	1	25,129,000	1	778.0	0.341	1	161.9	1.00
002535	CSM001	07/07/96	20	173.1	1	190.5	11.3	1	26,470,000	1	760.6	0.362	1	170.5	1.00
002535	CSM001	07/07/96	21	76.6	1	183.7	10.8	1	22,271,000	1	283.2	0.366	1	137.1	1.00
002535	CSM001	07/07/96	22	80.6	1	196.0	10.6	1	22,392,000	1	299.6	0.397	1	135.3	1.00
002535	CSM001	07/07/96	23	133.6	1	205.4	11.2	1	26,401,000	1	585.5	0.394	1	168.5	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM001	07/08/96	0	81.0	1	171.2	10.9	1	23,417,000	1	314.9	0.338	1	145.5	1.00
002535	CSM001	07/08/96	1	51.8	1	139.3	10.1	1	20,419,000	1	175.6	0.296	1	117.6	1.00
002535	CSM001	07/08/96	2	47.2	1	182.4	10.0	1	20,467,000	1	160.4	0.392	1	116.7	1.00
002535	CSM001	07/08/96	3	31.1	1	202.9	10.1	1	19,019,000	1	98.2	0.432	1	109.5	1.00
002535	CSM001	07/08/96	4	22.6	1	195.2	9.8	1	18,065,000	1	67.8	0.428	1	100.9	1.00
002535	CSM001	07/08/96	5	34.4	1	169.9	9.8	1	18,047,000	1	103.1	0.373	1	100.8	1.00
002535	CSM001	07/08/96	6	57.7	1	177.0	10.0	1	18,531,000	1	177.5	0.380	1	105.6	1.00
002535	CSM001	07/08/96	7	49.5	1	191.5	10.0	1	18,352,000	1	150.8	0.412	1	104.6	1.00
002535	CSM001	07/08/96	8	116.1	1	181.5	10.7	1	21,930,000	1	422.6	0.365	1	133.8	1.00
002535	CSM001	07/08/96	9	206.8	1	182.6	11.2	1	27,921,000	1	958.5	0.350	1	178.2	1.00
002535	CSM001	07/08/96	10	155.2	1	173.8	11.3	1	25,559,000	1	658.5	0.331	1	164.6	1.00
002535	CSM001	07/08/96	11	179.5	1	182.7	11.4	1	27,264,000	1	812.4	0.344	1	177.2	1.00
002535	CSM001	07/08/96	12	174.8	1	198.9	11.4	1	27,173,000	1	788.5	0.375	1	176.6	1.00
002535	CSM001	07/08/96	13	155.0	1	188.9	11.4	1	26,206,000	1	674.3	0.356	1	170.3	1.00
002535	CSM001	07/08/96	14	98.5	1	195.0	10.9	1	22,991,000	1	375.9	0.384	1	142.8	1.00
002535	CSM001	07/08/96	15	116.9	1	197.5	10.8	1	22,239,000	1	431.6	0.393	1	136.9	1.00
002535	CSM001	07/08/96	16	63.0	1	192.5	10.4	1	20,010,000	1	209.3	0.398	1	118.6	1.00
002535	CSM001	07/08/96	17	41.3	1	194.0	10.1	1	18,338,000	1	125.7	0.413	1	105.6	1.00
002535	CSM001	07/08/96	18	58.8	1	183.6	10.1	1	19,612,000	1	191.4	0.391	1	112.9	1.00
002535	CSM001	07/08/96	19	39.5	1	190.5	10.0	1	18,527,000	1	121.5	0.409	1	105.6	1.00
002535	CSM001	07/08/96	20	39.5	1	175.2	10.0	1	18,363,000	1	120.4	0.377	1	104.7	1.00
002535	CSM001	07/08/96	21	79.0	1	195.0	10.4	1	20,549,000	1	269.5	0.363	1	121.8	1.00
002535	CSM001	07/08/96	22	53.2	1	181.2	10.6	1	19,278,000	1	170.2	0.415	1	111.0	1.00
002535	CSM001	07/08/96	23	93.2	1	187.9	10.2	1	21,561,000	1	333.6	0.367	1	130.3	1.00
002535	CSM001	07/09/96	0	60.3	1	187.9	10.2	1	20,010,000	1	200.3	0.396	1	116.3	1.00
002535	CSM001	07/09/96	1	56.4	1	186.5	10.2	1	19,647,000	1	183.9	0.393	1	114.2	1.00
002535	CSM001	07/09/96	2	38.9	1	184.3	10.0	1	18,187,000	1	117.4	0.396	1	103.7	1.00
002535	CSM001	07/09/96	3	43.1	1	184.0	10.0	1	18,704,000	1	133.8	0.395	1	106.6	1.00
002535	CSM001	07/09/96	4	36.9	1	185.0	10.0	1	18,287,000	1	112.0	0.398	1	104.2	1.00
002535	CSM001	07/09/96	5	35.9	1	185.3	10.0	1	18,409,000	1	109.7	0.398	1	104.9	1.00
002535	CSM001	07/09/96	6	39.5	1	189.7	10.2	1	18,489,000	1	121.2	0.400	1	107.5	1.00
002535	CSM001	07/09/96	7	61.4	1	183.2	10.4	1	19,582,000	1	199.6	0.379	1	116.1	1.00
002535	CSM001	07/09/96	8	36.7	1	173.6	10.3	1	18,641,000	1	113.6	0.362	1	109.4	1.00
002535	CSM001	07/09/96	9	34.6	1	188.5	10.2	1	18,680,000	1	107.3	0.397	1	108.6	1.00
002535	CSM001	07/09/96	10	60.9	1	180.9	10.4	1	19,882,000	1	201.0	0.374	1	117.9	1.00
002535	CSM001	07/09/96	11	98.2	1	179.1	11.0	1	22,647,000	1	369.2	0.350	1	142.0	1.00
002535	CSM001	07/09/96	12	72.5	1	184.4	11.0	1	21,326,000	1	256.7	0.360	1	133.7	1.00
002535	CSM001	07/09/96	13	107.6	1	197.0	11.1	1	22,820,000	1	407.6	0.381	1	144.4	1.00
002535	CSM001	07/09/96	14	97.0	1	198.4	11.1	1	22,580,000	1	363.6	0.384	1	142.9	1.00
002535	CSM001	07/09/96	15	125.3	1	197.6	11.4	1	24,021,000	1	499.6	0.373	1	156.1	1.00
002535	CSM001	07/09/96	16	99.8	1	194.7	11.2	1	22,849,000	1	378.5	0.374	1	145.9	1.00
002535	CSM001	07/09/96	17	95.7	1	192.6	11.1	1	22,805,000	1	362.3	0.373	1	144.3	1.00
002535	CSM001	07/09/96	18	121.6	1	196.2	11.4	1	24,194,000	1	488.4	0.370	1	157.2	1.00
002535	CSM001	07/09/96	19	99.1	1	195.3	11.2	1	22,896,000	1	376.7	0.375	1	146.2	1.00
002535	CSM001	07/09/96	20	155.7	1	200.7	11.5	1	26,071,000	1	673.8	0.375	1	170.9	1.00
002535	CSM001	07/09/96	21	77.1	1	187.5	11.1	1	22,138,000	1	283.3	0.363	1	140.1	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM001	07/09/96	22	41.2	1	210.1	10.4	1	18,759,000	1	128.3	0.434	1	111.2	1.00
002535	CSM001	07/09/96	23	104.6	1	188.8	10.4	1	17,906,000	1	310.9	0.390	1	106.1	1.00
002535	CSM001	07/10/96	0	112.8	1	181.4	10.3	1	19,232,000	1	360.1	0.379	1	112.9	1.00
002535	CSM001	07/10/96	1	97.9	1	180.3	10.3	1	18,934,000	1	307.7	0.376	1	111.2	1.00
002535	CSM001	07/10/96	2	50.2	1	180.2	9.6	1	16,110,000	1	134.2	0.403	1	88.2	1.00
002535	CSM001	07/10/96	3	55.0	1	177.6	9.8	1	16,113,000	1	147.1	0.389	1	90.0	1.00
002535	CSM001	07/10/96	4	46.3	1	177.9	9.7	1	15,854,000	1	121.9	0.394	1	87.7	1.00
002535	CSM001	07/10/96	5	46.7	1	179.3	9.7	1	15,676,000	1	121.5	0.397	1	86.7	1.00
002535	CSM001	07/10/96	6	51.3	1	182.9	9.9	1	15,780,000	1	134.4	0.397	1	89.0	1.00
002535	CSM001	07/10/96	7	51.3	1	176.3	9.9	1	16,207,000	1	138.0	0.383	1	91.5	1.00
002535	CSM001	07/10/96	8	61.8	1	175.2	9.8	1	17,258,000	1	177.0	0.384	1	96.4	1.00
002535	CSM001	07/10/96	9	54.3	1	176.8	9.8	1	16,336,000	1	147.2	0.388	1	91.3	1.00
002535	CSM001	07/10/96	10	73.1	1	176.2	9.9	1	17,416,000	1	211.3	0.383	1	98.3	1.00
002535	CSM001	07/10/96	11	91.2	1	177.6	10.3	1	18,220,000	1	275.8	0.371	1	107.0	1.00
002535	CSM001	07/10/96	12	54.5	1	180.8	10.3	1	19,072,000	1	172.5	0.377	1	112.0	1.00
002535	CSM001	07/10/96	13	45.9	1	191.7	10.3	1	18,688,000	1	142.4	0.400	1	109.7	1.00
002535	CSM001	07/10/96	14	50.0	1	189.1	10.3	1	18,883,000	1	156.7	0.395	1	110.9	1.00
002535	CSM001	07/10/96	15	43.0	1	164.7	10.2	1	17,912,000	1	127.9	0.347	1	104.1	1.00
002535	CSM001	07/10/96	16	52.4	1	178.1	10.3	1	18,370,000	1	159.8	0.372	1	107.9	1.00
002535	CSM001	07/10/96	17	119.8	1	181.7	10.6	1	20,310,000	1	403.9	0.368	1	122.7	1.00
002535	CSM001	07/10/96	18	139.9	1	181.1	11.0	1	22,096,000	1	513.1	0.354	1	138.5	1.00
002535	CSM001	07/10/96	19	96.1	1	195.7	10.5	1	19,258,000	1	307.2	0.401	1	115.3	1.00
002535	CSM001	07/10/96	20	89.5	1	162.1	10.4	1	18,026,000	1	282.7	0.335	1	112.8	1.00
002535	CSM001	07/10/96	21	73.7	1	168.0	10.3	1	18,033,000	1	220.6	0.351	1	105.9	1.00
002535	CSM001	07/10/96	22	70.6	1	176.4	10.2	1	17,912,000	1	209.9	0.372	1	104.1	1.00
002535	CSM001	07/10/96	23	139.0	1	175.2	10.8	1	21,156,000	1	488.2	0.349	1	130.2	1.00
002535	CSM001	07/11/96	0	206.1	1	186.3	11.5	1	25,263,000	1	864.3	0.348	1	165.6	1.00
002535	CSM001	07/11/96	1	177.1	1	200.5	11.5	1	23,693,000	1	696.5	0.375	1	155.3	1.00
002535	CSM001	07/11/96	2	198.6	1	212.0	11.5	1	24,849,000	1	819.2	0.396	1	162.9	1.00
002535	CSM001	07/11/96	3	210.5	1	212.7	11.5	1	25,618,000	1	895.2	0.398	1	167.9	1.00
002535	CSM001	07/11/96	4	191.5	1	205.9	11.5	1	25,056,000	1	796.5	0.385	1	164.2	1.00
002535	CSM001	07/11/96	5	51.7	1	199.1	10.5	1	19,552,000	1	167.8	0.408	1	117.0	1.00
002535	CSM001	07/11/96	6	45.8	1	203.9	10.3	1	18,154,000	1	138.0	0.425	1	106.6	1.00
002535	CSM001	07/11/96	7	37.8	1	187.5	10.1	1	17,858,000	1	112.1	0.399	1	102.8	1.00
002535	CSM001	07/11/96	8	51.3	1	188.7	10.5	1	18,967,000	1	161.5	0.386	1	113.5	1.00
002535	CSM001	07/11/96	9	78.8	1	186.1	10.8	1	21,492,000	1	281.1	0.370	1	132.3	1.00
002535	CSM001	07/11/96	10	55.6	1	181.7	10.5	1	19,275,000	1	177.9	0.372	1	115.4	1.00
002535	CSM001	07/11/96	11	101.9	1	192.2	10.9	1	21,625,000	1	365.8	0.379	1	134.4	1.00
002535	CSM001	07/11/96	12	124.1	1	189.2	11.5	1	23,508,000	1	484.3	0.354	1	154.1	1.00
002535	CSM001	07/11/96	13	40.8	1	187.7	10.4	1	18,134,000	1	122.8	0.388	1	107.5	1.00
002535	CSM001	07/11/96	14	46.6	1	186.2	10.3	1	18,106,000	1	140.1	0.389	1	106.3	1.00
002535	CSM001	07/11/96	15	45.4	1	189.1	10.4	1	18,128,000	1	136.6	0.391	1	107.5	1.00
002535	CSM001	07/11/96	16	85.0	1	186.9	10.9	1	21,282,000	1	300.3	0.369	1	132.2	1.00
002535	CSM001	07/11/96	17	83.5	1	178.6	11.0	1	21,584,000	1	299.2	0.349	1	135.3	1.00
002535	CSM001	07/11/96	18	43.9	1	180.4	10.5	1	18,390,000	1	134.0	0.369	1	110.1	1.00
002535	CSM001	07/11/96	19	47.8	1	184.9	10.4	1	18,098,000	1	143.6	0.382	1	107.3	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM001	07/11/96	20	48.3	1	185.6	10.4	1	18,152,000	1	145.5	0.384	1	107.6	1.00
002535	CSM001	07/11/96	21	85.1	1	186.0	10.7	1	20,779,000	1	293.5	0.374	1	126.7	1.00
002535	CSM001	07/11/96	22	39.8	1	184.7	10.2	1	17,929,000	1	118.5	0.380	1	104.2	1.00
002535	CSM001	07/11/96	23	93.5	1	191.2	10.8	1	20,746,000	1	322.0	0.361	1	127.7	1.00
002535	CSM001	07/12/96	0	161.8	1	193.4	11.5	1	25,192,000	1	676.6	0.345	1	165.1	1.00
002535	CSM001	07/12/96	1	134.8	1	184.5	11.5	1	24,341,000	1	544.7	0.350	1	159.6	1.00
002535	CSM001	07/12/96	2	144.2	1	188.7	11.6	1	24,777,000	1	593.1	0.365	1	163.8	1.00
002535	CSM001	07/12/96	3	112.0	1	188.5	11.1	1	22,977,000	1	427.2	0.367	1	145.4	1.00
002535	CSM001	07/12/96	4	131.1	1	192.8	11.3	1	23,958,000	1	521.4	0.391	1	154.3	1.00
002535	CSM001	07/12/96	5	46.3	1	187.4	10.3	1	18,380,000	1	141.3	0.392	1	107.9	1.00
002535	CSM001	07/12/96	6	54.0	1	185.9	10.2	1	17,952,000	1	160.9	0.388	1	104.4	1.00
002535	CSM001	07/12/96	7	54.1	1	184.0	10.2	1	18,261,000	1	164.0	0.375	1	106.2	1.00
002535	CSM001	07/12/96	8	94.4	1	186.6	10.7	1	21,604,000	1	338.5	0.380	1	131.8	1.00
002535	CSM001	07/12/96	9	98.4	1	191.0	10.8	1	22,204,000	1	362.7	0.348	1	136.7	1.00
002535	CSM001	07/12/96	10	77.1	1	181.2	11.2	1	23,129,000	1	296.0	0.351	1	147.7	1.00
002535	CSM001	07/12/96	11	95.8	1	189.6	11.6	1	25,047,000	1	398.3	0.403	1	165.6	1.00
002535	CSM001	07/12/96	12	99.6	1	213.7	11.4	1	25,697,000	1	424.9	0.380	1	167.0	1.00
002535	CSM001	07/12/96	13	85.0	1	199.8	11.3	1	24,465,000	1	345.2	0.376	1	157.6	1.00
002535	CSM001	07/12/96	14	78.8	1	196.0	11.2	1	23,381,000	1	305.8	0.398	1	149.3	1.00
002535	CSM001	07/12/96	15	79.8	1	203.7	11.0	1	23,113,000	1	306.2	0.435	1	144.9	1.00
002535	CSM001	07/12/96	16	29.0	1	204.6	10.1	1	18,764,000	1	90.3	0.381	1	108.0	1.00
002535	CSM001	07/12/96	17	51.1	1	186.2	10.5	1	19,975,000	1	169.4	0.383	1	119.6	1.00
002535	CSM001	07/12/96	18	67.6	1	188.7	10.6	1	22,207,000	1	249.2	0.377	1	134.2	1.00
002535	CSM001	07/12/96	19	75.6	1	191.1	10.9	1	23,183,000	1	290.9	0.363	1	144.0	1.00
002535	CSM001	07/12/96	20	114.7	1	190.8	11.3	1	25,337,000	1	482.4	0.372	1	163.2	1.00
002535	CSM001	07/12/96	21	117.9	1	195.8	11.3	1	25,726,000	1	503.5	0.409	1	165.7	1.00
002535	CSM001	07/12/96	22	86.2	1	209.5	11.0	1	24,121,000	1	345.2	0.464	1	151.2	1.00
002535	CSM001	07/12/96	23	35.6	1	213.6	9.9	1	18,661,000	1	110.3	0.421	1	105.3	1.00
002535	CSM001	07/13/96	0	79.2	1	179.9	10.1	1	19,094,000	1	251.0	0.371	1	109.9	1.00
002535	CSM001	07/13/96	1	108.4	1	179.7	10.4	1	21,659,000	1	389.7	0.358	1	128.4	1.00
002535	CSM001	07/13/96	2	119.3	1	175.1	10.5	1	22,445,000	1	444.5	0.366	1	134.3	1.00
002535	CSM001	07/13/96	3	91.4	1	175.5	10.3	1	20,860,000	1	316.5	0.385	1	122.5	1.00
002535	CSM001	07/13/96	4	82.3	1	180.7	10.1	1	19,938,000	1	272.4	0.407	1	114.8	1.00
002535	CSM001	07/13/96	5	57.7	1	185.4	9.8	1	18,235,000	1	174.7	0.394	1	101.9	1.00
002535	CSM001	07/13/96	6	77.6	1	185.3	10.1	1	18,177,000	1	234.1	0.393	1	104.6	1.00
002535	CSM001	07/13/96	7	60.8	1	182.9	10.0	1	18,750,000	1	189.2	0.381	1	106.9	1.00
002535	CSM001	07/13/96	8	87.3	1	180.6	10.2	1	19,651,000	1	284.8	0.353	1	114.3	1.00
002535	CSM001	07/13/96	9	135.5	1	173.9	10.6	1	22,619,000	1	508.8	0.417	1	136.7	1.00
002535	CSM001	07/13/96	10	63.8	1	194.0	10.0	1	19,118,000	1	202.5	0.373	1	109.0	1.00
002535	CSM001	07/13/96	11	88.0	1	177.2	10.2	1	19,859,000	1	290.1	0.389	1	115.5	1.00
002535	CSM001	07/13/96	12	110.9	1	188.3	10.4	1	21,012,000	1	386.8	0.430	1	124.6	1.00
002535	CSM001	07/13/96	13	68.3	1	198.0	9.9	1	18,640,000	1	211.3	0.390	1	105.2	1.00
002535	CSM001	07/13/96	14	63.7	1	179.8	10.1	1	17,974,000	1	190.1	0.369	1	101.4	1.00
002535	CSM001	07/13/96	15	75.7	1	173.4	10.1	1	18,546,000	1	233.1	0.402	1	106.8	1.00
002535	CSM001	07/13/96	16	118.1	1	194.3	10.4	1	21,210,000	1	415.8	0.377	1	125.7	1.00
002535	CSM001	07/13/96	17	256.2	1	194.7	11.1	1	26,350,000	1	1120.6	0.377	1	166.7	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM001	07/13/96	18	157.9	1	186.5	11.2	1	25,812,000	1	676.6	0.358	1	164.8	1.00
002535	CSM001	07/13/96	19	115.6	1	179.7	10.9	1	22,589,000	1	433.5	0.354	1	140.3	1.00
002535	CSM001	07/13/96	20	193.2	1	197.4	11.2	1	26,067,000	1	836.0	0.379	1	166.4	1.00
002535	CSM001	07/13/96	21	152.3	1	191.8	11.1	1	24,014,000	1	607.1	0.371	1	151.9	1.00
002535	CSM001	07/13/96	22	145.0	1	193.5	11.1	1	24,203,000	1	582.6	0.375	1	153.1	1.00
002535	CSM001	07/13/96	23	125.6	1	191.1	11.0	1	23,245,000	1	484.6	0.373	1	145.7	1.00
002535	CSM001	07/14/96	0	143.1	1	197.1	11.1	1	24,008,000	1	570.3	0.382	1	151.9	1.00
002535	CSM001	07/14/96	1	161.4	1	198.8	11.0	1	25,289,000	1	677.6	0.388	1	158.6	1.00
002535	CSM001	07/14/96	2	112.1	1	193.3	10.8	1	22,346,000	1	415.8	0.385	1	137.6	1.00
002535	CSM001	07/14/96	3	109.9	1	200.9	10.6	1	21,931,000	1	400.1	0.407	1	132.5	1.00
002535	CSM001	07/14/96	4	74.3	1	198.5	10.3	1	20,037,000	1	247.1	0.414	1	117.6	1.00
002535	CSM001	07/14/96	5	49.6	1	183.8	10.1	1	18,617,000	1	153.3	0.391	1	107.2	1.00
002535	CSM001	07/14/96	6	85.7	1	185.8	10.5	1	19,505,000	1	277.5	0.380	1	116.7	1.00
002535	CSM001	07/14/96	7	56.2	1	200.7	10.1	1	18,384,000	1	171.5	0.427	1	105.8	1.00
002535	CSM001	07/14/96	8	54.8	1	185.8	10.0	1	18,054,000	1	164.2	0.399	1	102.9	1.00
002535	CSM001	07/14/96	9	109.7	1	169.3	10.4	1	21,695,000	1	395.1	0.350	1	128.6	1.00
002535	CSM001	07/14/96	10	187.2	1	196.0	11.3	1	25,990,000	1	807.6	0.373	1	167.4	1.00
002535	CSM001	07/14/96	11	153.4	1	197.1	11.2	1	24,931,000	1	634.9	0.378	1	159.2	1.00
002535	CSM001	07/14/96	12	181.3	1	200.5	11.5	1	26,287,000	1	791.1	0.375	1	172.3	1.00
002535	CSM001	07/14/96	13	187.9	1	202.1	11.4	1	26,476,000	1	825.8	0.381	1	172.0	1.00
002535	CSM001	07/14/96	14	198.1	1	199.6	11.5	1	26,677,000	1	877.3	0.373	1	174.9	1.00
002535	CSM001	07/14/96	15	180.0	1	193.3	11.4	1	26,425,000	1	789.6	0.368	1	171.7	1.00
002535	CSM001	07/14/96	16	199.6	1	195.9	11.5	1	26,547,000	1	835.5	0.362	1	174.0	1.00
002535	CSM001	07/14/96	17	170.3	1	192.6	11.4	1	25,937,000	1	732.2	0.363	1	168.5	1.00
002535	CSM001	07/14/96	18	160.7	1	193.4	11.3	1	25,647,000	1	684.2	0.368	1	165.2	1.00
002535	CSM001	07/14/96	19	182.2	1	214.0	11.2	1	26,598,000	1	804.5	0.411	1	169.8	1.00
002535	CSM001	07/14/96	20	178.4	1	206.0	11.2	1	26,980,000	1	799.0	0.395	1	172.2	1.00
002535	CSM001	07/14/96	21	172.3	1	193.4	11.3	1	26,549,000	1	759.3	0.368	1	171.0	1.00
002535	CSM001	07/14/96	22	130.5	1	187.0	11.1	1	24,314,000	1	526.7	0.362	1	153.8	1.00
002535	CSM001	07/14/96	23	64.4	1	184.0	10.5	1	19,973,000	1	213.5	0.377	1	119.5	1.00
002535	CSM001	07/15/96	0	60.1	1	187.3	10.1	1	19,218,000	1	191.7	0.399	1	110.6	1.00
002535	CSM001	07/15/96	1	92.0	1	177.9	10.5	1	20,830,000	1	318.1	0.364	1	124.7	1.00
002535	CSM001	07/15/96	2	96.1	1	179.9	10.2	1	19,623,000	1	313.0	0.379	1	114.1	1.00
002535	CSM001	07/15/96	3	154.3	1	177.9	10.6	1	22,267,000	1	570.3	0.361	1	134.5	1.00
002535	CSM001	07/15/96	4	87.8	1	178.3	10.1	1	19,166,000	1	279.3	0.379	1	110.3	1.00
002535	CSM001	07/15/96	5	108.8	1	180.9	10.2	1	18,913,000	1	341.6	0.381	1	137.6	1.00
002535	CSM001	07/15/96	6	212.3	1	194.4	10.8	1	22,352,000	1	787.7	0.387	1	144.2	1.00
002535	CSM001	07/15/96	7	203.9	1	199.3	10.9	1	23,209,000	1	785.6	0.393	1	153.9	1.00
002535	CSM001	07/15/96	8	188.5	1	196.8	11.2	1	24,101,000	1	754.1	0.378	1	153.9	1.00
002535	CSM001	07/15/96	9	143.0	1	189.2	11.0	1	24,814,000	1	589.0	0.370	1	155.6	1.00
002535	CSM001	07/15/96	10	164.5	1	185.3	11.3	1	26,480,000	1	723.1	0.352	1	170.6	1.00
002535	CSM001	07/15/96	11	152.5	1	184.7	11.3	1	26,443,000	1	669.4	0.351	1	170.3	1.00
002535	CSM001	07/15/96	12	154.6	1	181.9	11.4	1	26,157,000	1	671.3	0.343	1	170.0	1.00
002535	CSM001	07/15/96	13	126.3	1	176.2	11.0	1	24,889,000	1	521.8	0.344	1	156.1	1.00
002535	CSM001	07/15/96	14	44.3	1	184.6	10.1	1	19,428,000	1	142.9	0.393	1	111.8	1.00
002535	CSM001	07/15/96	15	48.7	1	185.9	10.2	1	19,572,000	1	158.2	0.392	1	113.8	1.00

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ORIS CODE	NADB ID.	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM001	07/15/96	16	88.2	1	186.7	10.4	1	21,338,000	1	312.4	0.386	1	126.5	1.00
002535	CSM001	07/15/96	17	106.3	1	187.0	10.5	1	21,474,000	1	378.9	0.383	1	128.5	1.00
002535	CSM001	07/15/96	18	161.7	1	193.6	11.1	1	24,379,000	1	654.4	0.375	1	154.2	1.00
002535	CSM001	07/15/96	19	139.6	1	188.4	11.3	1	24,579,000	1	569.6	0.358	1	158.3	1.00
002535	CSM001	07/15/96	20	73.7	1	197.3	10.6	1	21,569,000	1	263.9	0.400	1	130.3	1.00
002535	CSM001	07/15/96	21	55.3	1	193.4	10.3	1	20,219,000	1	185.6	0.404	1	118.7	1.00
002535	CSM001	07/15/96	22	58.4	1	193.3	10.1	1	19,826,000	1	192.2	0.411	1	114.1	1.00
002535	CSM001	07/15/96	23	50.0	1	193.0	9.9	1	18,586,000	1	154.3	0.419	1	104.9	1.00
002535	CSM001	07/16/96	0	52.7	1	179.4	9.9	1	17,995,000	1	157.4	0.389	1	101.5	1.00
002535	CSM001	07/16/96	1	36.9	1	171.2	9.4	1	17,132,000	1	104.9	0.391	1	91.8	1.00
002535	CSM001	07/16/96	2	27.6	1	165.2	9.6	1	16,268,000	1	74.5	0.370	1	89.0	1.00
002535	CSM001	07/16/96	3	26.9	1	154.4	9.9	1	16,104,000	1	71.9	0.335	1	90.9	1.00
002535	CSM001	07/16/96	4	30.7	1	170.6	9.8	1	16,727,000	1	85.2	0.374	1	93.4	1.00
002535	CSM001	07/16/96	5	25.6	1	166.1	9.6	1	15,829,000	1	67.3	0.372	1	86.6	1.00
002535	CSM001	07/16/96	6	81.6	1	175.2	10.4	1	18,098,000	1	245.1	0.362	1	107.3	1.00
002535	CSM001	07/16/96	7	154.1	1	187.6	11.1	1	23,398,000	1	598.5	0.363	1	148.0	1.00
002535	CSM001	07/16/96	8	200.0	1	190.6	11.3	1	25,901,000	1	859.9	0.363	1	166.8	1.00
002535	CSM001	07/16/96	9	202.1	1	196.4	11.4	1	27,354,000	1	917.7	0.370	1	177.7	1.00
002535	CSM001	07/16/96	10	198.8	1	190.2	11.5	1	27,522,000	1	908.2	0.355	1	180.4	1.00
002535	CSM001	07/16/96	11	204.3	1	179.7	11.6	1	27,424,000	1	930.1	0.327	1	181.3	1.00
002535	CSM001	07/16/96	12	214.1	1	178.8	11.7	1	27,021,000	1	960.3	0.330	1	180.2	1.00
002535	CSM001	07/16/96	13	223.5	1	185.9	11.7	1	27,018,000	1	1002.4	0.341	1	182.0	1.00
002535	CSM001	07/16/96	14	240.3	1	182.2	11.7	1	26,786,000	1	1068.5	0.335	1	178.6	1.00
002535	CSM001	07/16/96	15	232.3	1	190.7	11.6	1	27,446,000	1	1058.4	0.353	1	181.5	1.00
002535	CSM001	07/16/96	16	224.5	1	190.7	11.6	1	27,308,000	1	1017.7	0.353	1	180.6	1.00
002535	CSM001	07/16/96	17	220.4	1	191.0	11.6	1	27,266,000	1	997.6	0.354	1	180.3	1.00
002535	CSM001	07/16/96	18	230.6	1	200.2	11.5	1	27,543,000	1	1054.3	0.374	1	180.5	1.00
002535	CSM001	07/16/96	19	228.3	1	214.1	11.4	1	27,913,000	1	1057.8	0.404	1	181.4	1.00
002535	CSM001	07/16/96	20	230.1	1	219.8	11.4	1	27,799,000	1	1061.8	0.414	1	180.6	1.00
002535	CSM001	07/16/96	21	157.3	1	203.8	11.1	1	24,522,000	1	640.3	0.395	1	155.2	1.00
002535	CSM001	07/16/96	22	118.6	1	201.1	10.5	1	22,084,000	1	434.8	0.412	1	132.2	1.00
002535	CSM001	07/16/96	23	80.6	1	186.6	10.0	1	19,975,000	1	267.3	0.401	1	113.9	1.00
002535	CSM001	07/17/96	0	120.9	1	172.7	10.1	1	21,021,000	1	421.9	0.367	1	121.0	1.00
002535	CSM001	07/17/96	1	93.7	1	163.1	10.0	1	19,757,000	1	307.3	0.351	1	112.6	1.00
002535	CSM001	07/17/96	2	67.4	1	156.3	9.9	1	18,643,000	1	208.6	0.339	1	105.2	1.00
002535	CSM001	07/17/96	3	74.5	1	163.0	9.9	1	18,939,000	1	234.2	0.354	1	106.9	1.00
002535	CSM001	07/17/96	4	74.5	1	166.6	9.9	1	19,192,000	1	237.3	0.362	1	108.3	1.00
002535	CSM001	07/17/96	5	80.7	1	167.6	10.0	1	19,473,000	1	260.9	0.360	1	111.0	1.00
002535	CSM001	07/17/96	6	123.2	1	183.3	10.3	1	20,794,000	1	425.3	0.382	1	122.1	1.00
002535	CSM001	07/17/96	7	186.7	1	179.0	11.1	1	25,334,000	1	785.2	0.347	1	160.3	1.00
002535	CSM001	07/17/96	8	189.3	1	182.5	11.4	1	27,136,000	1	852.7	0.344	1	176.3	1.00
002535	CSM001	07/17/96	9	180.7	1	206.6	11.4	1	27,163,000	1	814.8	0.389	1	176.5	1.00
002535	CSM001	07/17/96	10	184.0	1	212.9	11.4	1	27,988,000	1	854.9	0.401	1	181.9	1.00
002535	CSM001	07/17/96	11	185.4	1	209.3	11.4	1	27,748,000	1	854.0	0.395	1	180.3	1.00
002535	CSM001	07/17/96	12	200.7	1	214.6	11.3	1	27,901,000	1	929.6	0.408	1	179.7	1.00
002535	CSM001	07/17/96	13	193.4	1	201.0	11.4	1	27,833,000	1	893.6	0.379	1	180.9	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM001	07/17/96	14	203.6	1	199.1	11.4	1	27,628,000	1	933.8	0.375	1	179.5	1.00
002535	CSM001	07/17/96	15	206.9	1	198.5	11.5	1	27,492,000	1	944.2	0.371	1	180.2	1.00
002535	CSM001	07/17/96	16	198.1	1	200.6	11.5	1	27,396,000	1	900.9	0.375	1	179.6	1.00
002535	CSM001	07/17/96	17	194.2	1	203.3	11.4	1	27,559,000	1	888.4	0.383	1	179.1	1.00
002535	CSM001	07/17/96	18	115.4	1	185.6	10.9	1	23,651,000	1	453.1	0.366	1	146.9	1.00
002535	CSM001	07/17/96	19	143.5	1	197.2	11.2	1	24,192,000	1	576.3	0.378	1	154.4	1.00
002535	CSM001	07/17/96	20	159.7	1	197.8	11.1	1	25,325,000	1	671.4	0.383	1	160.2	1.00
002535	CSM001	07/17/96	21	154.8	1	197.8	11.3	1	25,048,000	1	643.7	0.376	1	161.3	1.00
002535	CSM001	07/17/96	22	127.5	1	194.6	11.0	1	23,778,000	1	503.3	0.380	1	149.1	1.00
002535	CSM001	07/17/96	23	103.6	1	200.2	10.7	1	22,397,000	1	385.2	0.402	1	136.6	1.00
002535	CSM001	07/18/96	0	120.7	1	188.0	10.7	1	22,553,000	1	451.9	0.378	1	137.6	1.00
002535	CSM001	07/18/96	1	53.4	1	183.3	10.1	1	19,547,000	1	173.3	0.390	1	112.5	1.00
002535	CSM001	07/18/96	2	50.5	1	182.4	10.1	1	19,023,000	1	159.5	0.388	1	109.5	1.00
002535	CSM001	07/18/96	3	49.6	1	178.6	10.1	1	18,444,000	1	151.9	0.388	1	106.2	1.00
002535	CSM001	07/18/96	4	48.3	1	182.3	10.0	1	18,470,000	1	148.1	0.392	1	105.3	1.00
002535	CSM001	07/18/96	5	83.7	1	190.5	10.3	1	20,137,000	1	279.8	0.397	1	118.2	1.00
002535	CSM001	07/18/96	6	115.4	1	192.4	10.9	1	21,956,000	1	420.6	0.379	1	136.4	1.00
002535	CSM001	07/18/96	7	199.8	1	207.0	11.6	1	25,182,000	1	835.2	0.384	1	166.5	1.00
002535	CSM001	07/18/96	8	194.6	1	216.4	11.5	1	27,576,000	1	890.8	0.404	1	180.8	1.00
002535	CSM001	07/18/96	9	152.2	1	228.5	11.6	1	27,361,000	1	691.3	0.423	1	180.9	1.00
002535	CSM001	07/18/96	10	162.3	1	200.4	11.4	1	27,668,000	1	745.4	0.378	1	179.8	1.00
002535	CSM001	07/18/96	11	175.7	1	201.9	11.5	1	27,331,000	1	797.1	0.377	1	179.2	1.00
002535	CSM001	07/18/96	12	186.2	1	205.9	11.4	1	27,687,000	1	855.8	0.388	1	179.9	1.00
002535	CSM001	07/18/96	13	211.0	1	207.4	11.3	1	27,758,000	1	972.3	0.394	1	178.8	1.00
002535	CSM001	07/18/96	14	236.9	1	209.6	11.3	1	27,758,000	1	1091.1	0.399	1	178.7	1.00
002535	CSM001	07/18/96	15	243.3	1	201.5	11.1	1	27,746,000	1	1132.5	0.390	1	177.4	1.00
002535	CSM001	07/18/96	16	233.4	1	198.4	11.1	1	28,040,000	1	1082.2	0.384	1	176.7	1.00
002535	CSM001	07/18/96	17	221.7	1	197.4	11.0	1	28,007,000	1	1030.7	0.386	1	175.6	1.00
002535	CSM001	07/18/96	18	197.7	1	191.7	11.2	1	27,753,000	1	910.8	0.368	1	177.2	1.00
002535	CSM001	07/18/96	19	204.7	1	196.9	11.1	1	27,980,000	1	950.8	0.381	1	177.0	1.00
002535	CSM001	07/18/96	20	155.6	1	190.9	10.8	1	25,723,000	1	664.4	0.380	1	158.4	1.00
002535	CSM001	07/18/96	21	171.9	1	196.3	11.1	1	25,817,000	1	736.7	0.380	1	163.3	1.00
002535	CSM001	07/18/96	22	133.8	1	193.3	10.8	1	23,466,000	1	521.2	0.385	1	144.5	1.00
002535	CSM001	07/18/96	23	128.2	1	188.0	10.1	1	20,837,000	1	443.4	0.400	1	120.0	1.00
002535	CSM001	07/19/96	0	50.0	1	174.3	9.8	1	18,347,000	1	152.3	0.382	1	102.5	1.00
002535	CSM001	07/19/96	1	45.9	1	180.3	9.7	1	17,478,000	1	133.2	0.399	1	96.6	1.00
002535	CSM001	07/19/96	2	34.5	1	180.0	9.4	1	16,405,000	1	94.0	0.412	1	87.9	1.00
002535	CSM001	07/19/96	3	49.2	1	156.8	9.7	1	16,870,000	1	137.8	0.347	1	93.3	1.00
002535	CSM001	07/19/96	4	66.5	1	167.6	9.8	1	18,058,000	1	199.3	0.368	1	100.9	1.00
002535	CSM001	07/19/96	5	53.8	1	167.9	9.7	1	17,489,000	1	156.2	0.372	1	96.7	1.00
002535	CSM001	07/19/96	6	116.7	1	166.4	10.4	1	20,775,000	1	402.5	0.344	1	123.2	1.00
002535	CSM001	07/19/96	7	225.9	1	160.7	11.3	1	27,439,000	1	1028.9	0.306	1	176.7	1.00
002535	CSM001	07/19/96	8	144.7	1	160.2	11.0	1	24,652,000	1	592.1	0.313	1	154.6	1.00
002535	CSM001	07/19/96	9	135.2	1	195.1	11.0	1	24,465,000	1	549.1	0.381	1	153.4	1.00
002535	CSM001	07/19/96	10	168.2	1	199.0	11.0	1	25,056,000	1	699.6	0.389	1	157.1	1.00
002535	CSM001	07/19/96	11	215.3	1	203.2	11.2	1	27,806,000	1	993.8	0.390	1	177.5	1.00

Milliken DOE Data Reporting

ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM001	07/19/96	12	198.9	1	197.8	11.2	1	27,110,000	1	895.1	0.380	1	173.1	1.00
002535	CSM001	07/19/96	13	189.9	1	193.0	11.3	1	26,649,000	1	840.1	0.367	1	171.6	1.00
002535	CSM001	07/19/96	14	150.0	1	187.7	11.2	1	24,831,000	1	618.3	0.360	1	158.5	1.00
002535	CSM001	07/19/96	15	47.3	1	171.3	10.3	1	18,822,000	1	147.8	0.357	1	110.5	1.00
002535	CSM001	07/19/96	16	55.8	1	166.9	10.0	1	19,421,000	1	179.9	0.359	1	110.7	1.00
002535	CSM001	07/19/96	17	69.4	1	179.2	10.1	1	19,365,000	1	223.1	0.381	1	111.5	1.00
002535	CSM001	07/19/96	18	106.6	1	178.8	10.2	1	21,024,000	1	372.0	0.377	1	122.2	1.00
002535	CSM001	07/19/96	19	95.1	1	173.4	10.3	1	20,703,000	1	326.8	0.362	1	121.5	1.00
002535	CSM001	07/19/96	20	96.1	1	178.2	10.3	1	20,761,000	1	331.2	0.372	1	121.9	1.00
002535	CSM001	07/19/96	21	79.3	1	178.1	10.3	1	19,944,000	1	262.5	0.372	1	117.1	1.00
002535	CSM001	07/19/96	22	64.5	1	178.5	10.2	1	18,830,000	1	201.6	0.376	1	109.5	1.00
002535	CSM001	07/19/96	23	59.5	1	177.9	9.9	1	17,859,000	1	176.4	0.386	1	100.8	1.00
002535	CSM001	07/20/96	0	67.1	1	167.3	10.0	1	18,069,000	1	201.3	0.360	1	103.0	1.00
002535	CSM001	07/20/96	1	45.9	1	188.5	9.7	1	16,574,000	1	126.3	0.418	1	91.6	1.00
002535	CSM001	07/20/96	2	48.3	1	185.3	9.7	1	16,486,000	1	132.2	0.411	1	91.2	1.00
002535	CSM001	07/20/96	3	43.0	1	173.9	9.6	1	16,195,000	1	115.6	0.389	1	88.6	1.00
002535	CSM001	07/20/96	4	39.6	1	167.3	9.6	1	16,230,000	1	106.7	0.375	1	88.8	1.00
002535	CSM001	07/20/96	5	54.3	1	166.9	9.7	1	16,371,000	1	147.6	0.370	1	90.5	1.00
002535	CSM001	07/20/96	6	97.6	1	161.4	10.5	1	19,103,000	1	309.5	0.330	1	114.3	1.00
002535	CSM001	07/20/96	7	76.0	1	197.8	10.1	1	19,019,000	1	239.9	0.421	1	109.5	1.00
002535	CSM001	07/20/96	8	82.1	1	183.8	10.2	1	18,884,000	1	257.4	0.387	1	109.8	1.00
002535	CSM001	07/20/96	9	72.1	1	178.2	10.1	1	18,459,000	1	220.9	0.379	1	106.3	1.00
002535	CSM001	07/20/96	10	68.3	1	182.5	10.1	1	18,561,000	1	210.4	0.388	1	106.9	1.00
002535	CSM001	07/20/96	11	64.6	1	178.1	10.1	1	18,323,000	1	196.5	0.379	1	105.5	1.00
002535	CSM001	07/20/96	12	66.0	1	195.0	10.1	1	18,245,000	1	199.9	0.415	1	105.0	1.00
002535	CSM001	07/20/96	13	71.1	1	190.9	10.2	1	18,249,000	1	215.4	0.402	1	106.1	1.00
002535	CSM001	07/20/96	14	69.6	1	180.6	10.0	1	17,967,000	1	207.6	0.388	1	102.4	1.00
002535	CSM001	07/20/96	15	68.4	1	183.0	10.1	1	17,900,000	1	203.2	0.389	1	103.1	1.00
002535	CSM001	07/20/96	16	68.8	1	179.3	9.7	1	18,586,000	1	212.3	0.397	1	102.8	1.00
002535	CSM001	07/20/96	17	59.5	1	170.4	9.5	1	18,915,000	1	186.8	0.385	1	102.4	1.00
002535	CSM001	07/20/96	18	73.3	1	167.4	9.7	1	19,447,000	1	236.6	0.371	1	107.5	1.00
002535	CSM001	07/20/96	19	121.5	1	168.3	9.8	1	20,216,000	1	407.7	0.369	1	112.9	1.00
002535	CSM001	07/20/96	20	164.5	1	168.6	9.9	1	21,618,000	1	590.3	0.366	1	122.0	1.00
002535	CSM001	07/20/96	21	137.3	1	169.4	9.7	1	19,927,000	1	454.2	0.375	1	110.2	1.00
002535	CSM001	07/20/96	22	136.2	1	164.1	9.5	1	18,390,000	1	415.8	0.371	1	99.6	1.00
002535	CSM001	07/21/96	23	81.3	1	163.1	9.3	1	16,168,000	1	218.2	0.377	1	85.7	1.00
002535	CSM001	07/21/96	0	82.2	1	164.4	9.4	1	16,033,000	1	218.8	0.376	1	85.9	1.00
002535	CSM001	07/21/96	1	91.2	1	159.3	9.4	1	16,340,000	1	247.4	0.364	1	87.5	1.00
002535	CSM001	07/21/96	2	86.7	1	163.2	9.4	1	16,222,000	1	233.5	0.373	1	86.9	1.00
002535	CSM001	07/21/96	3	76.1	1	168.0	9.4	1	16,078,000	1	203.1	0.384	1	86.1	1.00
002535	CSM001	07/21/96	4	90.3	1	164.4	9.7	1	16,695,000	1	250.3	0.364	1	92.3	1.00
002535	CSM001	07/21/96	5	139.3	1	159.0	10.1	1	17,727,000	1	409.9	0.338	1	102.1	1.00
002535	CSM001	07/21/96	6	161.9	1	186.0	10.4	1	20,083,000	1	539.7	0.384	1	119.1	1.00
002535	CSM001	07/21/96	7	103.7	1	207.4	10.3	1	18,246,000	1	314.1	0.433	1	107.1	1.00
002535	CSM001	07/21/96	8	181.7	1	191.9	10.7	1	20,812,000	1	627.7	0.385	1	126.9	1.00
002535	CSM001	07/21/96	9	284.2	1	184.6	11.3	1	24,917,000	1	1175.5	0.351	1	160.5	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LBHR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM001	07/21/96	10	166.0	1	189.6	11.2	1	23,574,000	1	649.6	0.364	1	150.5	1.00
002535	CSM001	07/21/96	11	45.9	1	197.2	10.2	1	18,658,000	1	142.2	0.416	1	108.5	1.00
002535	CSM001	07/21/96	12	119.0	1	198.0	10.1	1	18,273,000	1	361.0	0.421	1	105.2	1.00
002535	CSM001	07/21/96	13	128.6	1	193.2	10.2	1	18,332,000	1	391.3	0.407	1	106.6	1.00
002535	CSM001	07/21/96	14	131.5	1	189.5	10.3	1	18,539,000	1	404.7	0.395	1	108.8	1.00
002535	CSM001	07/21/96	15	127.3	1	186.1	10.2	1	18,580,000	1	392.6	0.392	1	108.0	1.00
002535	CSM001	07/21/96	16	133.7	1	185.6	10.2	1	18,570,000	1	412.1	0.391	1	108.0	1.00
002535	CSM001	07/21/96	17	138.2	1	179.4	10.3	1	18,635,000	1	427.5	0.374	1	109.4	1.00
002535	CSM001	07/21/96	18	131.1	1	181.1	10.2	1	18,544,000	1	403.6	0.382	1	107.8	1.00
002535	CSM001	07/21/96	19	278.1	1	181.8	11.0	1	23,771,000	1	1097.4	0.355	1	149.0	1.00
002535	CSM001	07/21/96	20	193.5	1	186.2	11.2	1	24,775,000	1	795.8	0.357	1	158.2	1.00
002535	CSM001	07/21/96	21	110.3	1	195.5	10.9	1	21,698,000	1	397.3	0.385	1	134.8	1.00
002535	CSM001	07/21/96	22	113.4	1	177.4	10.2	1	17,816,000	1	335.4	0.374	1	103.6	1.00
002535	CSM001	07/21/96	23	141.3	1	167.4	9.9	1	18,302,000	1	429.3	0.363	1	103.3	1.00
002535	CSM001	07/22/96	0	112.1	1	172.1	9.6	1	17,406,000	1	323.9	0.385	1	95.2	1.00
002535	CSM001	07/22/96	1	120.6	1	169.1	9.9	1	17,608,000	1	352.5	0.367	1	99.4	1.00
002535	CSM001	07/22/96	2	97.7	1	174.3	9.7	1	17,096,000	1	277.3	0.386	1	94.5	1.00
002535	CSM001	07/22/96	3	107.1	1	172.9	9.9	1	17,202,000	1	305.8	0.375	1	97.1	1.00
002535	CSM001	07/22/96	4	76.9	1	182.4	9.4	1	16,523,000	1	210.9	0.417	1	88.5	1.00
002535	CSM001	07/22/96	5	87.5	1	177.5	10.0	1	16,566,000	1	240.6	0.381	1	94.4	1.00
002535	CSM001	07/22/96	6	108.8	1	170.1	10.3	1	20,354,000	1	367.6	0.355	1	119.5	1.00
002535	CSM001	07/22/96	7	114.0	1	189.3	10.4	1	21,348,000	1	404.0	0.391	1	126.6	1.00
002535	CSM001	07/22/96	8	167.3	1	169.1	11.2	1	24,355,000	1	676.4	0.324	1	155.5	1.00
002535	CSM001	07/22/96	9	170.8	1	178.9	11.3	1	24,710,000	1	700.6	0.340	1	159.2	1.00
002535	CSM001	07/22/96	10	203.3	1	184.7	11.4	1	25,924,000	1	874.9	0.348	1	168.5	1.00
002535	CSM001	07/22/96	11	208.5	1	188.4	11.4	1	25,446,000	1	897.3	0.355	1	168.5	1.00
002535	CSM001	07/22/96	12	208.1	1	189.2	11.4	1	25,446,000	1	879.0	0.357	1	165.3	1.00
002535	CSM001	07/22/96	13	184.4	1	205.5	11.2	1	24,402,000	1	747.0	0.394	1	155.8	1.00
002535	CSM001	07/22/96	14	227.5	1	202.9	11.1	1	25,226,000	1	952.7	0.393	1	159.6	1.00
002535	CSM001	07/22/96	15	228.1	1	185.9	11.3	1	25,049,000	1	948.5	0.354	1	161.3	1.00
002535	CSM001	07/22/96	16	184.2	1	187.3	11.3	1	25,339,000	1	774.8	0.356	1	163.2	1.00
002535	CSM001	07/22/96	17	167.5	1	187.2	11.3	1	25,257,000	1	702.3	0.356	1	162.7	1.00
002535	CSM001	07/22/96	18	161.6	1	189.2	11.3	1	25,314,000	1	679.1	0.360	1	163.0	1.00
002535	CSM001	07/22/96	19	160.2	1	201.6	11.2	1	25,158,000	1	669.0	0.387	1	160.6	1.00
002535	CSM001	07/22/96	20	167.8	1	202.8	11.1	1	25,073,000	1	698.4	0.393	1	158.6	1.00
002535	CSM001	07/22/96	21	165.6	1	200.7	11.1	1	24,964,000	1	686.3	0.389	1	157.9	1.00
002535	CSM001	07/22/96	22	80.2	1	202.9	10.5	1	20,897,000	1	278.2	0.415	1	125.1	1.00
002535	CSM001	07/22/96	23	82.8	1	166.8	9.6	1	16,983,000	1	233.4	0.373	1	92.9	1.00
002535	CSM001	07/23/96	0	124.7	1	173.3	9.6	1	16,601,000	1	343.6	0.388	1	90.8	1.00
002535	CSM001	07/23/96	1	157.7	1	167.4	10.0	1	17,345,000	1	454.1	0.360	1	98.9	1.00
002535	CSM001	07/23/96	2	122.0	1	178.8	9.6	1	17,072,000	1	345.7	0.400	1	93.4	1.00
002535	CSM001	07/23/96	3	139.4	1	178.2	9.9	1	16,832,000	1	389.5	0.387	1	95.0	1.00
002535	CSM001	07/23/96	4	138.3	1	177.9	9.8	1	17,344,000	1	398.2	0.390	1	96.9	1.00
002535	CSM001	07/23/96	5	113.5	1	180.2	9.7	1	16,452,000	1	310.0	0.399	1	91.0	1.00
002535	CSM001	07/23/96	6	192.8	1	225.6	10.5	1	21,384,000	1	684.4	0.462	1	128.0	1.00
002535	CSM001	07/23/96	7	209.1	1	188.1	11.2	1	23,169,000	1	804.2	0.361	1	147.9	1.00

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002535	CSM001	07/23/96	8	241.9	1	188.6	11.4	1	24,634,000	1	989.2	0.356	1	160.1	1.00
002535	CSM001	07/23/96	9	244.3	1	196.9	11.4	1	24,883,000	1	1009.1	0.371	1	161.7	1.00
002535	CSM001	07/23/96	10	235.8	1	204.2	11.4	1	24,883,000	1	974.0	0.385	1	161.7	1.00
002535	CSM001	07/23/96	11	240.0	1	207.0	11.4	1	24,880,000	1	991.2	0.390	1	161.7	1.00
002535	CSM001	07/23/96	12	244.4	1	205.7	11.4	1	24,923,000	1	1011.1	0.388	1	161.9	1.00
002535	CSM001	07/23/96	13	248.3	1	206.8	11.4	1	24,925,000	1	1027.4	0.390	1	162.0	1.00
002535	CSM001	07/23/96	14	251.8	1	207.3	11.3	1	25,421,000	1	1062.6	0.394	1	163.7	1.00
002535	CSM001	07/23/96	15	254.9	1	204.9	11.4	1	25,655,000	1	1085.6	0.386	1	166.7	1.00
002535	CSM001	07/23/96	16	248.2	1	205.4	11.4	1	25,573,000	1	1053.6	0.387	1	166.2	1.00
002535	CSM001	07/23/96	17	226.8	1	201.6	11.2	1	25,112,000	1	945.4	0.387	1	160.3	1.00
002535	CSM001	07/23/96	18	224.5	1	200.4	11.2	1	24,289,000	1	905.2	0.385	1	155.1	1.00
002535	CSM001	07/23/96	19	221.1	1	198.5	11.1	1	24,723,000	1	907.4	0.384	1	156.4	1.00
002535	CSM001	07/23/96	20	234.8	1	194.8	11.4	1	25,317,000	1	986.8	0.367	1	164.5	1.00
002535	CSM001	07/23/96	21	229.8	1	199.0	11.4	1	25,113,000	1	958.0	0.375	1	163.2	1.00
002535	CSM001	07/23/96	22	182.0	1	197.1	11.1	1	23,372,000	1	706.1	0.382	1	147.9	1.00
002535	CSM001	07/23/96	23	192.9	1	183.4	10.9	1	23,494,000	1	752.3	0.362	1	146.0	1.00
002535	CSM001	07/24/96	0	131.2	1	171.9	10.6	1	21,183,000	1	461.3	0.349	1	128.0	1.00
002535	CSM001	07/24/96	1	36.8	1	196.7	9.6	1	17,038,000	1	104.1	0.440	1	93.2	1.00
002535	CSM001	07/24/96	2	40.0	1	171.7	9.6	1	16,727,000	1	111.1	0.384	1	91.5	1.00
002535	CSM001	07/24/96	3	48.8	1	175.8	9.9	1	17,347,000	1	140.5	0.382	1	97.9	1.00
002535	CSM001	07/24/96	4	70.8	1	181.1	10.2	1	18,973,000	1	223.0	0.382	1	110.3	1.00
002535	CSM001	07/24/96	5	70.4	1	179.4	10.2	1	19,121,000	1	223.5	0.378	1	111.2	1.00
002535	CSM001	07/24/96	6	134.8	1	179.0	10.6	1	21,187,000	1	474.1	0.363	1	128.0	1.00
002535	CSM001	07/24/96	7	109.8	1	182.6	10.6	1	20,504,000	1	373.7	0.370	1	123.9	1.00
002535	CSM001	07/24/96	8	155.8	1	185.1	10.8	1	22,473,000	1	581.2	0.368	1	138.3	1.00
002535	CSM001	07/24/96	9	126.4	1	182.9	10.7	1	21,429,000	1	449.6	0.367	1	130.7	1.00
002535	CSM001	07/24/96	10	196.1	1	183.2	11.2	1	23,779,000	1	774.1	0.352	1	151.8	1.00
002535	CSM001	07/24/96	11	182.0	1	177.7	11.3	1	23,666,000	1	715.0	0.338	1	152.4	1.00
002535	CSM001	07/24/96	12	205.6	1	194.5	11.3	1	24,291,000	1	829.0	0.370	1	156.5	1.00
002535	CSM001	07/24/96	13	199.8	1	198.9	11.2	1	23,623,000	1	783.5	0.382	1	150.8	1.00
002535	CSM001	07/24/96	14	218.5	1	198.9	11.4	1	24,447,000	1	886.7	0.375	1	158.9	1.00
002535	CSM001	07/24/96	15	211.0	1	199.3	11.4	1	24,218,000	1	848.3	0.376	1	157.4	1.00
002535	CSM001	07/24/96	16	185.7	1	197.6	11.2	1	23,575,000	1	726.7	0.379	1	150.5	1.00
002535	CSM001	07/24/96	17	193.3	1	200.1	11.1	1	23,428,000	1	751.8	0.387	1	148.2	1.00
002535	CSM001	07/24/96	18	220.9	1	197.8	11.3	1	24,442,000	1	896.3	0.376	1	157.4	1.00
002535	CSM001	07/24/96	19	209.8	1	198.5	11.3	1	24,399,000	1	849.7	0.378	1	157.2	1.00
002535	CSM001	07/24/96	20	220.5	1	198.8	11.3	1	24,344,000	1	891.1	0.378	1	156.8	1.00
002535	CSM001	07/24/96	21	220.0	1	197.7	11.3	1	24,319,000	1	888.1	0.376	1	156.6	1.00
002535	CSM001	07/24/96	22	168.5	1	199.9	10.9	1	22,794,000	1	637.6	0.394	1	141.6	1.00
002535	CSM001	07/24/96	23	169.7	1	194.3	10.8	1	22,412,000	1	631.4	0.387	1	138.0	1.00
002535	CSM001	07/25/96	0	140.7	1	194.9	10.8	1	21,582,000	1	504.1	0.388	1	132.9	1.00
002535	CSM001	07/25/96	1	84.0	1	187.3	10.3	1	18,570,000	1	258.9	0.391	1	109.0	1.00
002535	CSM001	07/25/96	2	106.1	1	182.4	10.4	1	19,657,000	1	346.2	0.377	1	116.5	1.00
002535	CSM001	07/25/96	3	168.1	1	180.9	10.8	1	22,649,000	1	632.0	0.360	1	139.4	1.00
002535	CSM001	07/25/96	4	110.8	1	172.9	10.6	1	20,451,000	1	376.2	0.351	1	123.6	1.00
002535	CSM001	07/25/96	5	99.4	1	166.4	10.2	1	19,342,000	1	319.2	0.351	1	112.5	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM001	07/25/96	6	199.6	1	147.9	11.2	1	23,989,000	1	794.8	0.284	1	153.1	1.00
002535	CSM001	07/25/96	7	202.7	1	147.0	11.5	1	23,507,000	1	791.0	0.275	1	154.1	1.00
002535	CSM001	07/25/96	8	216.3	1	151.0	11.6	1	24,087,000	1	864.9	0.280	1	159.3	1.00
002535	CSM001	07/25/96	9	208.0	1	155.3	11.5	1	24,145,000	1	833.7	0.290	1	158.3	1.00
002535	CSM001	07/25/96	10	212.6	1	156.8	11.5	1	24,355,000	1	859.5	0.293	1	159.6	1.00
002535	CSM001	07/25/96	11	192.5	1	157.1	11.3	1	23,508,000	1	751.2	0.299	1	151.4	1.00
002535	CSM001	07/25/96	12	212.2	1	157.5	11.5	1	24,444,000	1	861.0	0.294	1	160.2	1.00
002535	CSM001	07/25/96	13	205.9	1	157.0	11.5	1	24,229,000	1	828.1	0.293	1	158.8	1.00
002535	CSM001	07/25/96	14	214.8	1	156.3	11.5	1	24,484,000	1	873.0	0.292	1	160.5	1.00
002535	CSM001	07/25/96	15	222.8	1	157.3	11.4	1	24,553,000	1	908.1	0.297	1	159.5	1.00
002535	CSM001	07/25/96	16	214.4	1	156.9	11.4	1	24,524,000	1	872.8	0.296	1	159.4	1.00
002535	CSM001	07/25/96	17	215.8	1	156.2	11.4	1	24,559,000	1	879.8	0.294	1	159.6	1.00
002535	CSM001	07/25/96	18	225.5	1	155.9	11.4	1	24,494,000	1	916.9	0.294	1	159.2	1.00
002535	CSM001	07/25/96	19	214.9	1	157.9	11.4	1	24,747,000	1	882.8	0.298	1	160.8	1.00
002535	CSM001	07/25/96	20	206.4	1	158.5	11.4	1	24,653,000	1	844.7	0.299	1	160.2	1.00
002535	CSM001	07/25/96	21	208.6	1	169.3	11.5	1	24,518,000	1	849.0	0.316	1	160.7	1.00
002535	CSM001	07/25/96	22	189.6	1	172.0	11.3	1	24,221,000	1	762.3	0.327	1	156.0	1.00
002535	CSM001	07/25/96	23	153.0	1	164.6	11.1	1	22,759,000	1	578.0	0.319	1	144.0	1.00
002535	CSM001	07/26/96	0	70.8	1	178.2	10.3	1	18,626,000	1	218.9	0.372	1	109.4	1.00
002535	CSM001	07/26/96	1	79.7	1	175.7	10.1	1	19,000,000	1	251.4	0.374	1	109.4	1.00
002535	CSM001	07/26/96	2	102.9	1	170.4	10.2	1	19,732,000	1	337.1	0.359	1	114.7	1.00
002535	CSM001	07/26/96	3	206.7	1	161.8	11.0	1	24,544,000	1	842.2	0.316	1	153.9	1.00
002535	CSM001	07/26/96	4	174.6	1	166.1	11.2	1	23,579,000	1	683.4	0.319	1	150.5	1.00
002535	CSM001	07/26/96	5	159.5	1	175.8	10.8	1	22,578,000	1	597.8	0.350	1	139.0	1.00
002535	CSM001	07/26/96	6	192.2	1	172.9	11.3	1	23,714,000	1	756.6	0.329	1	152.7	1.00
002535	CSM001	07/26/96	7	194.2	1	177.2	11.6	1	24,084,000	1	776.4	0.328	1	159.2	1.00
002535	CSM001	07/26/96	8	178.0	1	180.0	11.5	1	24,144,000	1	713.4	0.336	1	158.3	1.00
002535	CSM001	07/26/96	9	169.0	1	185.2	11.5	1	24,198,000	1	678.9	0.346	1	158.6	1.00
002535	CSM001	07/26/96	10	182.0	1	185.0	11.4	1	24,184,000	1	730.6	0.349	1	157.1	1.00
002535	CSM001	07/26/96	11	193.5	1	187.3	11.4	1	24,547,000	1	788.5	0.353	1	159.5	1.00
002535	CSM001	07/26/96	12	187.5	1	185.8	11.4	1	24,284,000	1	755.8	0.350	1	157.8	1.00
002535	CSM001	07/26/96	13	180.9	1	183.1	11.4	1	24,220,000	1	727.3	0.345	1	157.4	1.00
002535	CSM001	07/26/96	14	241.9	1	184.9	11.3	1	26,379,000	1	1059.3	0.352	1	169.9	1.00
002535	CSM001	07/26/96	15	209.1	1	189.6	11.4	1	26,465,000	1	918.6	0.357	1	172.0	1.00
002535	CSM001	07/26/96	16	218.1	1	198.4	11.4	1	26,432,000	1	957.0	0.374	1	171.8	1.00
002535	CSM001	07/26/96	17	228.2	1	208.8	11.4	1	26,367,000	1	998.8	0.394	1	171.3	1.00
002535	CSM001	07/26/96	18	236.8	1	205.5	11.5	1	26,294,000	1	1033.6	0.384	1	172.4	1.00
002535	CSM001	07/26/96	19	189.2	1	197.4	11.3	1	24,461,000	1	768.3	0.375	1	157.6	1.00
002535	CSM001	07/26/96	20	70.4	1	191.7	10.4	1	18,852,000	1	220.3	0.396	1	111.8	1.00
002535	CSM001	07/26/96	21	133.9	1	193.7	10.7	1	21,113,000	1	469.3	0.389	1	128.8	1.00
002535	CSM001	07/26/96	22	108.3	1	196.2	10.5	1	19,999,000	1	359.5	0.402	1	119.7	1.00
002535	CSM001	07/26/96	23	60.1	1	181.4	10.2	1	17,144,000	1	171.0	0.382	1	99.7	1.00
002535	CSM001	07/27/96	0	69.2	1	175.8	9.5	1	15,915,000	1	182.8	0.398	1	86.2	1.00
002535	CSM001	07/27/96	1	99.6	1	169.0	10.0	1	15,636,000	1	258.5	0.365	1	89.1	1.00
002535	CSM001	07/27/96	2	80.9	1	171.7	9.9	1	15,665,000	1	210.4	0.373	1	88.4	1.00
002535	CSM001	07/27/96	3	88.4	1	170.5	10.1	1	15,643,000	1	229.6	0.363	1	90.1	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM001	07/27/96	4	94.2	1	172.9	9.8	1	16,370,000	1	256.0	0.379	1	91.4	1.00
002535	CSM001	07/27/96	5	69.1	1	171.1	9.7	1	14,943,000	1	171.4	0.379	1	82.6	1.00
002535	CSM001	07/27/96	6	91.8	1	172.8	10.1	1	15,003,000	1	228.6	0.368	1	86.4	1.00
002535	CSM001	07/27/96	7	81.1	1	172.5	9.8	1	15,551,000	1	209.4	0.378	1	86.9	1.00
002535	CSM001	07/27/96	8	86.7	1	168.3	10.0	1	15,725,000	1	226.3	0.362	1	89.6	1.00
002535	CSM001	07/27/96	9	146.9	1	168.8	10.3	1	18,761,000	1	457.5	0.352	1	110.1	1.00
002535	CSM001	07/27/96	10	158.2	1	171.5	10.4	1	20,220,000	1	531.0	0.354	1	119.9	1.00
002535	CSM001	07/27/96	11	121.7	1	178.9	10.2	1	18,534,000	1	374.4	0.377	1	107.8	1.00
002535	CSM001	07/27/96	12	126.6	1	180.0	10.1	1	18,560,000	1	390.0	0.363	1	106.8	1.00
002535	CSM001	07/27/96	13	129.3	1	173.4	10.2	1	18,566,000	1	398.5	0.365	1	107.9	1.00
002535	CSM001	07/27/96	14	139.6	1	174.6	10.3	1	18,785,000	1	435.3	0.364	1	110.3	1.00
002535	CSM001	07/27/96	15	167.2	1	185.6	10.2	1	19,602,000	1	544.1	0.391	1	114.0	1.00
002535	CSM001	07/27/96	16	175.3	1	187.0	10.2	1	19,723,000	1	573.9	0.394	1	114.7	1.00
002535	CSM001	07/27/96	17	159.0	1	178.2	10.4	1	19,773,000	1	521.9	0.368	1	117.2	1.00
002535	CSM001	07/27/96	18	146.7	1	177.7	10.3	1	19,347,000	1	471.1	0.371	1	113.6	1.00
002535	CSM001	07/27/96	19	150.3	1	179.1	10.3	1	19,167,000	1	478.2	0.374	1	112.5	1.00
002535	CSM001	07/27/96	20	135.0	1	180.1	10.2	1	18,717,000	1	419.4	0.379	1	108.8	1.00
002535	CSM001	07/27/96	21	92.5	1	180.7	9.6	1	16,877,000	1	259.1	0.405	1	92.4	1.00
002535	CSM001	07/27/96	22	80.4	1	174.9	9.5	1	15,405,000	1	205.6	0.396	1	83.4	1.00
002535	CSM001	07/27/96	23	105.9	1	166.2	9.9	1	16,781,000	1	295.0	0.361	1	94.7	1.00
002535	CSM001	07/28/96	0	87.1	1	170.0	9.5	1	16,917,000	1	244.6	0.385	1	91.6	1.00
002535	CSM001	07/28/96	1	76.7	1	169.0	9.6	1	16,284,000	1	207.3	0.378	1	89.1	1.00
002535	CSM001	07/28/96	2	78.2	1	168.6	9.5	1	16,362,000	1	212.4	0.381	1	88.6	1.00
002535	CSM001	07/28/96	3	72.1	1	171.2	9.6	1	16,172,000	1	193.6	0.383	1	88.5	1.00
002535	CSM001	07/28/96	4	75.3	1	172.0	9.5	1	16,227,000	1	202.8	0.389	1	87.9	1.00
002535	CSM001	07/28/96	5	71.3	1	172.7	9.6	1	15,965,000	1	189.0	0.387	1	87.4	1.00
002535	CSM001	07/28/96	6	128.7	1	173.1	9.9	1	17,497,000	1	373.8	0.376	1	98.7	1.00
002535	CSM001	07/28/96	7	169.7	1	164.1	10.0	1	20,454,000	1	576.2	0.353	1	116.6	1.00
002535	CSM001	07/28/96	8	186.1	1	174.4	10.5	1	22,081,000	1	682.1	0.357	1	132.2	1.00
002535	CSM001	07/28/96	9	212.6	1	179.9	11.1	1	26,606,000	1	939.0	0.348	1	168.3	1.00
002535	CSM001	07/28/96	10	144.9	1	171.0	10.8	1	23,322,000	1	561.0	0.340	1	143.6	1.00
002535	CSM001	07/28/96	11	79.1	1	177.5	10.1	1	19,436,000	1	255.2	0.378	1	111.9	1.00
002535	CSM001	07/28/96	12	88.5	1	188.1	10.0	1	19,678,000	1	289.1	0.404	1	112.2	1.00
002535	CSM001	07/28/96	13	100.5	1	186.4	10.2	1	20,270,000	1	338.2	0.393	1	117.8	1.00
002535	CSM001	07/28/96	14	99.3	1	187.4	10.3	1	20,148,000	1	332.1	0.391	1	118.3	1.00
002535	CSM001	07/28/96	15	162.4	1	184.0	10.7	1	22,445,000	1	605.1	0.370	1	136.9	1.00
002535	CSM001	07/28/96	16	252.6	1	191.5	11.5	1	26,787,000	1	1123.2	0.358	1	175.6	1.00
002535	CSM001	07/28/96	17	246.9	1	201.2	11.4	1	27,034,000	1	1108.0	0.379	1	175.7	1.00
002535	CSM001	07/28/96	18	215.3	1	206.2	11.5	1	26,663,000	1	952.9	0.385	1	174.8	1.00
002535	CSM001	07/28/96	19	207.1	1	208.5	11.6	1	26,487,000	1	910.6	0.386	1	175.1	1.00
002535	CSM001	07/28/96	20	215.1	1	208.8	11.5	1	26,458,000	1	944.7	0.390	1	173.4	1.00
002535	CSM001	07/28/96	21	166.1	1	203.0	11.3	1	24,337,000	1	671.0	0.386	1	156.8	1.00
002535	CSM001	07/28/96	22	43.8	1	186.3	10.2	1	17,920,000	1	130.3	0.393	1	104.2	1.00
002535	CSM001	07/28/96	23	63.5	1	170.1	10.0	1	17,351,000	1	182.9	0.366	1	98.9	1.00
002535	CSM001	07/29/96	0	53.6	1	159.7	9.7	1	16,053,000	1	142.8	0.354	1	88.8	1.00
002535	CSM001	07/29/96	1	45.3	1	158.0	9.7	1	15,965,000	1	120.1	0.350	1	88.3	1.00

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002535	CSM001	07/29/96	2	44.8	1	157.6	9.9	1	16,058,000	1	119.4	0.342	1	90.6	1.00
002535	CSM001	07/29/96	3	65.0	1	161.7	10.1	1	18,017,000	1	194.4	0.344	1	103.7	1.00
002535	CSM001	07/29/96	4	56.7	1	158.0	10.1	1	17,060,000	1	160.6	0.336	1	98.2	1.00
002535	CSM001	07/29/96	5	48.1	1	159.8	9.9	1	16,687,000	1	133.2	0.347	1	94.2	1.00
002535	CSM001	07/29/96	6	87.6	1	172.9	10.5	1	18,585,000	1	270.3	0.354	1	111.2	1.00
002535	CSM001	07/29/96	7	118.9	1	158.8	10.8	1	20,514,000	1	404.9	0.316	1	126.3	1.00
002535	CSM001	07/29/96	8	129.8	1	154.2	10.7	1	22,048,000	1	475.1	0.310	1	134.5	1.00
002535	CSM001	07/29/96	9	172.2	1	164.3	11.3	1	24,356,000	1	696.2	0.312	1	156.9	1.00
002535	CSM001	07/29/96	10	110.1	1	163.1	10.9	1	22,242,000	1	406.5	0.322	1	138.2	1.00
002535	CSM001	07/29/96	11	198.5	1	181.3	11.2	1	25,738,000	1	848.1	0.348	1	164.3	1.00
002535	CSM001	07/29/96	12	124.5	1	170.0	10.9	1	23,027,000	1	475.9	0.335	1	143.1	1.00
002535	CSM001	07/29/96	13	52.2	1	177.3	10.2	1	18,835,000	1	163.2	0.374	1	109.5	1.00
002535	CSM001	07/29/96	14	87.8	1	180.4	10.4	1	20,308,000	1	296.0	0.373	1	120.4	1.00
002535	CSM001	07/29/96	15	125.2	1	187.2	10.5	1	22,404,000	1	465.6	0.383	1	134.1	1.00
002535	CSM001	07/29/96	16	190.6	1	188.1	11.3	1	26,121,000	1	826.5	0.358	1	168.2	1.00
002535	CSM001	07/29/96	17	180.8	1	185.3	11.4	1	26,552,000	1	796.9	0.349	1	172.5	1.00
002535	CSM001	07/29/96	18	184.4	1	188.2	11.3	1	26,664,000	1	816.2	0.358	1	171.7	1.00
002535	CSM001	07/29/96	19	126.4	1	188.0	11.3	1	26,658,000	1	869.1	0.358	1	171.7	1.00
002535	CSM001	07/29/96	20	128.1	1	185.9	10.8	1	23,555,000	1	500.9	0.370	1	145.0	1.00
002535	CSM001	07/29/96	21	60.0	1	191.6	10.4	1	17,633,000	1	175.6	0.396	1	104.5	1.00
002535	CSM001	07/29/96	22	127.6	1	181.5	9.8	1	18,692,000	1	395.9	0.398	1	104.4	1.00
002535	CSM001	07/29/96	23	144.9	1	165.8	9.9	1	19,839,000	1	477.2	0.360	1	112.0	1.00
002535	CSM001	07/30/96	0	123.4	1	153.5	9.8	1	19,470,000	1	398.8	0.337	1	108.8	1.00
002535	CSM001	07/30/96	1	75.3	1	144.6	9.5	1	17,852,000	1	223.1	0.327	1	96.7	1.00
002535	CSM001	07/30/96	2	71.9	1	148.5	9.5	1	17,208,000	1	205.4	0.336	1	93.2	1.00
002535	CSM001	07/30/96	3	80.8	1	146.9	9.6	1	17,725,000	1	237.7	0.329	1	97.0	1.00
002535	CSM001	07/30/96	4	77.9	1	143.1	9.3	1	17,785,000	1	230.0	0.331	1	94.3	1.00
002535	CSM001	07/30/96	5	80.3	1	143.5	9.8	1	17,312,000	1	230.8	0.315	1	96.7	1.00
002535	CSM001	07/30/96	6	262.7	1	169.7	11.3	1	25,792,000	1	1124.7	0.323	1	166.1	1.00
002535	CSM001	07/30/96	7	206.7	1	178.1	11.6	1	26,424,000	1	906.7	0.330	1	174.7	1.00
002535	CSM001	07/30/96	8	158.5	1	180.8	11.6	1	26,371,000	1	693.8	0.335	1	174.4	1.00
002535	CSM001	07/30/96	9	166.7	1	185.5	11.7	1	26,527,000	1	734.1	0.341	1	176.9	1.00
002535	CSM001	07/30/96	10	159.1	1	182.5	11.5	1	26,633,000	1	703.4	0.341	1	174.6	1.00
002535	CSM001	07/30/96	11	161.2	1	182.8	11.5	1	26,617,000	1	712.2	0.342	1	174.5	1.00
002535	CSM001	07/30/96	12	162.7	1	181.4	11.5	1	26,529,000	1	716.5	0.339	1	173.9	1.00
002535	CSM001	07/30/96	13	163.0	1	178.1	11.5	1	26,537,000	1	718.0	0.333	1	174.0	1.00
002535	CSM001	07/30/96	14	163.2	1	176.3	11.4	1	26,421,000	1	715.8	0.332	1	171.7	1.00
002535	CSM001	07/30/96	15	165.9	1	178.6	11.4	1	26,576,000	1	731.9	0.337	1	172.7	1.00
002535	CSM001	07/30/96	16	160.7	1	180.4	11.4	1	26,584,000	1	709.2	0.340	1	172.7	1.00
002535	CSM001	07/30/96	17	160.5	1	177.9	11.4	1	26,609,000	1	708.9	0.342	1	172.9	1.00
002535	CSM001	07/30/96	18	160.2	1	181.5	11.4	1	26,601,000	1	707.4	0.335	1	172.9	1.00
002535	CSM001	07/30/96	19	159.5	1	180.7	11.3	1	26,692,000	1	706.7	0.344	1	171.9	1.00
002535	CSM001	07/30/96	20	148.7	1	181.0	11.3	1	26,844,000	1	662.6	0.344	1	172.9	1.00
002535	CSM001	07/30/96	21	145.4	1	180.5	11.4	1	26,698,000	1	644.4	0.340	1	173.5	1.00
002535	CSM001	07/30/96	22	127.2	1	174.5	11.2	1	25,525,000	1	539.0	0.335	1	163.0	1.00
002535	CSM001	07/30/96	23	131.5	1	183.7	11.1	1	25,214,000	1	550.4	0.356	1	159.5	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM001	07/31/96	0	48.2	1	189.6	10.5	1	19,672,000	1	157.4	0.388	1	117.7	1.00
002535	CSM001	07/31/96	1	42.5	1	176.5	10.5	1	18,352,000	1	129.5	0.361	1	109.8	1.00
002535	CSM001	07/31/96	2	49.7	1	164.4	10.2	1	19,021,000	1	156.9	0.346	1	110.6	1.00
002535	CSM001	07/31/96	3	36.8	1	170.6	9.8	1	18,327,000	1	112.0	0.374	1	102.4	1.00
002535	CSM001	07/31/96	4	24.3	1	149.7	9.8	1	16,623,000	1	67.1	0.328	1	92.9	1.00
002535	CSM001	07/31/96	5	44.7	1	155.2	10.2	1	18,137,000	1	134.6	0.327	1	105.4	1.00
002535	CSM001	07/31/96	6	80.8	1	173.4	10.4	1	21,032,000	1	282.1	0.358	1	124.7	1.00
002535	CSM001	07/31/96	7	102.2	1	159.6	10.9	1	23,166,000	1	393.0	0.315	1	143.9	1.00
002535	CSM001	07/31/96	8	134.3	1	177.4	11.3	1	26,560,000	1	592.1	0.337	1	171.1	1.00
002535	CSM001	07/31/96	9	96.1	1	193.4	11.0	1	24,320,000	1	388.0	0.378	1	152.5	1.00
002535	CSM001	07/31/96	10	79.1	1	193.4	10.8	1	22,786,000	1	299.2	0.385	1	140.3	1.00
002535	CSM001	07/31/96	11	124.9	1	197.0	10.9	1	24,726,000	1	512.7	0.388	1	153.6	1.00
002535	CSM001	07/31/96	12	148.8	1	192.1	11.3	1	26,524,000	1	655.2	0.365	1	170.8	1.00
002535	CSM001	07/31/96	13	139.4	1	192.5	11.3	1	26,561,000	1	614.6	0.366	1	171.1	1.00
002535	CSM001	07/31/96	14	129.6	1	194.5	11.3	1	25,901,000	1	557.2	0.370	1	166.8	1.00
002535	CSM001	07/31/96	15	139.0	1	210.6	11.3	1	26,095,000	1	602.1	0.401	1	168.1	1.00
002535	CSM001	07/31/96	16	124.5	1	201.6	11.3	1	25,505,000	1	527.1	0.383	1	164.3	1.00
002535	CSM001	07/31/96	17	131.3	1	201.8	11.3	1	25,508,000	1	556.0	0.384	1	164.3	1.00
002535	CSM001	07/31/96	18	109.5	1	198.7	11.2	1	24,294,000	1	441.6	0.381	1	155.1	1.00
002535	CSM001	07/31/96	19	112.6	1	204.2	11.0	1	24,195,000	1	452.2	0.399	1	151.7	1.00
002535	CSM001	07/31/96	20	62.9	1	184.9	10.6	1	21,803,000	1	227.7	0.375	1	131.7	1.00
002535	CSM001	07/31/96	21	37.3	1	184.4	10.2	1	19,484,000	1	120.6	0.389	1	113.3	1.00
002535	CSM001	07/31/96	22	30.9	1	185.7	10.0	1	19,005,000	1	97.5	0.399	1	108.3	1.00
002535	CSM001	07/31/96	23	61.8	1	181.8	10.2	1	20,747,000	1	212.8	0.383	1	120.6	1.00
002535	CSM001	08/01/96	0	61.2	1	171.5	10.1	1	19,237,000	1	195.4	0.365	1	110.7	1.00
002535	CSM001	08/01/96	1	69.1	1	172.9	10.0	1	19,187,000	1	220.1	0.372	1	109.4	1.00
002535	CSM001	08/01/96	2	65.9	1	169.4	9.9	1	19,332,000	1	211.5	0.368	1	109.1	1.00
002535	CSM001	08/01/96	3	66.7	1	170.3	9.8	1	19,519,000	1	216.1	0.373	1	109.0	1.00
002535	CSM001	08/01/96	4	72.6	1	163.8	9.8	1	19,672,000	1	237.1	0.359	1	109.9	1.00
002535	CSM001	08/01/96	5	68.6	1	153.7	9.8	1	19,417,000	1	221.1	0.337	1	108.5	1.00
002535	CSM001	08/01/96	6	107.2	1	153.7	10.4	1	21,498,000	1	382.6	0.318	1	127.4	1.00
002535	CSM001	08/01/96	7	160.3	1	159.0	11.3	1	24,368,000	1	648.4	0.302	1	157.0	1.00
002535	CSM001	08/01/96	8	155.3	1	183.3	11.3	1	23,967,000	1	617.9	0.349	1	154.4	1.00
002535	CSM001	08/01/96	9	155.4	1	193.7	11.2	1	24,145,000	1	622.9	0.372	1	154.1	1.00
002535	CSM001	08/01/96	10	157.0	1	195.4	11.3	1	23,946,000	1	624.1	0.372	1	154.2	1.00
002535	CSM001	08/01/96	11	169.8	1	201.3	11.3	1	24,127,000	1	680.1	0.383	1	155.4	1.00
002535	CSM001	08/01/96	12	169.9	1	199.1	11.2	1	24,025,000	1	677.6	0.382	1	153.4	1.00
002535	CSM001	08/01/96	13	137.7	1	193.1	10.9	1	22,188,000	1	507.2	0.381	1	137.9	1.00
002535	CSM001	08/01/96	14	88.0	1	196.9	10.3	1	19,785,000	1	289.0	0.411	1	116.2	1.00
002535	CSM001	08/01/96	15	200.8	1	194.9	11.1	1	24,496,000	1	816.5	0.377	1	155.0	1.00
002535	CSM001	08/01/96	16	132.1	1	185.3	11.3	1	25,195,000	1	552.5	0.352	1	162.3	1.00
002535	CSM001	08/01/96	17	127.4	1	175.8	11.2	1	24,117,000	1	510.0	0.337	1	154.0	1.00
002535	CSM001	08/01/96	18	131.7	1	180.7	11.2	1	24,644,000	1	538.8	0.347	1	157.3	1.00
002535	CSM001	08/01/96	19	108.9	1	180.5	11.1	1	23,531,000	1	425.4	0.349	1	148.9	1.00
002535	CSM001	08/01/96	20	95.0	1	180.1	10.9	1	22,654,000	1	357.3	0.355	1	140.7	1.00
002535	CSM001	08/01/96	21	105.6	1	185.9	10.9	1	23,072,000	1	404.4	0.367	1	143.3	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	NOX ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM001	08/01/96	22	72.9	1	185.2	10.5	1	20,338,000	1	246.1	0.379	1	121.7	1.00
002535	CSM001	08/01/96	23	113.0	1	187.5	10.3	1	20,162,000	1	378.2	0.391	1	118.4	1.00
002535	CSM001	08/02/96	0	135.0	1	152.4	10.5	1	21,213,000	1	475.4	0.312	1	127.0	1.00
002535	CSM001	08/02/96	1	157.9	1	158.1	10.9	1	23,446,000	1	614.6	0.312	1	145.7	1.00
002535	CSM001	08/02/96	2	111.9	1	165.6	10.7	1	20,162,000	1	374.5	0.333	1	123.0	1.00
002535	CSM001	08/02/96	3	105.5	1	171.6	10.3	1	19,396,000	1	339.7	0.358	1	113.9	1.00
002535	CSM001	08/02/96	4	111.8	1	173.1	10.3	1	19,566,000	1	363.1	0.361	1	114.9	1.00
002535	CSM001	08/02/96	5	105.3	1	172.6	10.3	1	19,460,000	1	340.2	0.360	1	114.2	1.00
002535	CSM001	08/02/96	6	105.2	1	176.4	10.4	1	19,342,000	1	337.8	0.365	1	114.7	1.00
002535	CSM001	08/02/96	7	95.2	1	176.4	10.3	1	19,452,000	1	307.4	0.368	1	114.2	1.00
002535	CSM001	08/02/96	8	143.2	1	175.3	10.5	1	21,567,000	1	512.7	0.359	1	129.1	1.00
002535	CSM001	08/02/96	9	99.4	1	168.3	10.2	1	19,703,000	1	325.1	0.355	1	114.6	1.00
002535	CSM001	08/02/96	10	136.0	1	183.4	10.4	1	21,309,000	1	481.1	0.379	1	126.3	1.00
002535	CSM001	08/02/96	11	105.6	1	177.2	10.3	1	19,884,000	1	348.6	0.370	1	116.7	1.00
002535	CSM001	08/02/96	12	147.2	1	187.5	10.5	1	21,754,000	1	531.6	0.384	1	130.2	1.00
002535	CSM001	08/02/96	13	153.7	1	182.3	10.7	1	22,321,000	1	569.5	0.366	1	136.1	1.00
002535	CSM001	08/02/96	14	106.8	1	177.2	10.3	1	19,862,000	1	352.1	0.370	1	116.6	1.00
002535	CSM001	08/02/96	15	147.5	1	186.8	10.4	1	21,666,000	1	530.5	0.386	1	128.4	1.00
002535	CSM001	08/02/96	16	200.7	1	189.6	11.1	1	24,851,000	1	827.9	0.367	1	157.2	1.00
002535	CSM001	08/02/96	17	163.5	1	178.1	10.8	1	22,687,000	1	615.7	0.354	1	139.7	1.00
002535	CSM001	08/02/96	18	94.9	1	172.9	10.1	1	19,656,000	1	309.6	0.368	1	113.2	1.00
002535	CSM001	08/02/96	19	193.8	1	192.1	10.7	1	23,846,000	1	767.1	0.386	1	145.4	1.00
002535	CSM001	08/02/96	20	222.6	1	188.1	11.3	1	25,838,000	1	954.8	0.358	1	166.4	1.00
002535	CSM001	08/02/96	21	211.4	1	193.7	11.3	1	25,637,000	1	899.7	0.368	1	165.1	1.00
002535	CSM001	08/02/96	22	150.6	1	189.3	10.9	1	23,323,000	1	583.1	0.373	1	144.9	1.00
002535	CSM001	08/02/96	23	131.6	1	188.0	10.7	1	21,952,000	1	479.6	0.378	1	133.9	1.00
002535	CSM001	08/03/96	0	124.7	1	186.8	10.5	1	21,191,000	1	438.7	0.382	1	126.8	1.00
002535	CSM001	08/03/96	1	202.2	1	191.3	11.1	1	24,245,000	1	813.8	0.370	1	153.4	1.00
002535	CSM001	08/03/96	2	181.4	1	202.5	11.4	1	26,846,000	1	808.4	0.382	1	174.4	1.00
002535	CSM001	08/03/96	3	91.5	1	196.6	11.0	1	23,095,000	1	350.8	0.384	1	144.8	1.00
002535	CSM001	08/03/96	4	54.8	1	199.3	10.4	1	20,592,000	1	187.3	0.412	1	122.1	1.00
002535	CSM001	08/03/96	5	40.2	1	194.1	10.2	1	18,933,000	1	126.3	0.409	1	110.1	1.00
002535	CSM001	08/03/96	6	53.8	1	198.6	10.4	1	18,866,000	1	168.5	0.410	1	111.8	1.00
002535	CSM001	08/03/96	7	53.2	1	193.3	10.3	1	19,363,000	1	171.0	0.403	1	113.7	1.00
002535	CSM001	08/03/96	8	75.4	1	191.8	10.5	1	21,600,000	1	270.4	0.393	1	129.3	1.00
002535	CSM001	08/03/96	9	78.5	1	185.1	9.7	1	17,257,000	1	224.9	0.410	1	95.4	1.00
002535	CSM001	08/03/96	10	56.0	1	170.7	10.0	1	17,183,000	1	159.7	0.367	1	97.9	1.00
002535	CSM001	08/03/96	11	43.8	1	174.2	9.8	1	16,329,000	1	118.7	0.382	1	91.2	1.00
002535	CSM001	08/03/96	12	64.1	1	172.3	10.1	1	16,794,000	1	178.7	0.367	1	96.7	1.00
002535	CSM001	08/03/96	13	99.5	1	172.8	10.3	1	18,831,000	1	311.0	0.361	1	110.6	1.00
002535	CSM001	08/03/96	14	94.0	1	172.4	10.2	1	19,109,000	1	298.2	0.363	1	111.1	1.00
002535	CSM001	08/03/96	15	105.4	1	175.9	10.3	1	19,232,000	1	336.5	0.367	1	112.9	1.00
002535	CSM001	08/03/96	16	102.3	1	175.6	10.3	1	19,956,000	1	338.9	0.366	1	117.2	1.00
002535	CSM001	08/03/96	17	111.5	1	181.2	10.4	1	20,786,000	1	384.7	0.374	1	123.2	1.00
002535	CSM001	08/03/96	18	186.6	1	184.3	11.4	1	24,042,000	1	744.7	0.347	1	156.2	1.00
002535	CSM001	08/03/96	19	144.3	1	186.7	10.9	1	22,529,000	1	539.7	0.368	1	140.0	1.00

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ORIS CODE	NADB ID	DATE	HOUR	ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM001	08/03/96	20	139.6	1	184.8	10.9	1	22,643,000	1	524.7	0.364	1	140.7	1.00
002535	CSM001	08/03/96	21	135.0	1	184.7	10.8	1	21,991,000	1	492.8	0.368	1	135.4	1.00
002535	CSM001	08/03/96	22	174.5	1	189.4	11.0	1	23,836,000	1	690.5	0.370	1	149.5	1.00
002535	CSM001	08/03/96	23	205.8	1	189.2	11.4	1	25,526,000	1	872.0	0.357	1	165.9	1.00
002535	CSM001	08/04/96	0	177.1	1	196.3	11.4	1	26,329,000	1	774.0	0.370	1	171.1	1.00
002535	CSM001	08/04/96	1	89.8	1	190.5	11.1	1	23,351,000	1	348.1	0.369	1	147.7	1.00
002535	CSM001	08/04/96	2	91.4	1	198.2	10.9	1	22,902,000	1	347.5	0.391	1	142.3	1.00
002535	CSM001	08/04/96	3	63.7	1	189.0	10.2	1	19,204,000	1	203.1	0.398	1	111.7	1.00
002535	CSM001	08/04/96	4	67.5	1	187.6	10.1	1	18,373,000	1	205.9	0.399	1	105.8	1.00
002535	CSM001	08/04/96	5	68.0	1	182.5	10.0	1	18,388,000	1	207.6	0.392	1	104.8	1.00
002535	CSM001	08/04/96	6	88.3	1	183.6	10.4	1	19,369,000	1	283.9	0.379	1	114.8	1.00
002535	CSM001	08/04/96	7	186.3	1	190.6	11.2	1	25,097,000	1	776.1	0.366	1	160.2	1.00
002535	CSM001	08/04/96	8	163.3	1	179.3	11.5	1	24,920,000	1	675.5	0.335	1	163.4	1.00
002535	CSM001	08/04/96	9	176.3	1	195.7	11.1	1	24,697,000	1	722.8	0.379	1	156.3	1.00
002535	CSM001	08/04/96	10	131.3	1	198.1	10.8	1	22,276,000	1	485.5	0.394	1	137.1	1.00
002535	CSM001	08/04/96	11	82.5	1	198.0	10.3	1	19,289,000	1	264.2	0.413	1	113.2	1.00
002535	CSM001	08/04/96	12	117.9	1	176.7	10.6	1	20,971,000	1	410.4	0.358	1	126.7	1.00
002535	CSM001	08/04/96	13	159.3	1	179.0	10.9	1	22,829,000	1	603.7	0.353	1	141.8	1.00
002535	CSM001	08/04/96	14	194.1	1	180.7	11.3	1	24,228,000	1	780.6	0.344	1	156.1	1.00
002535	CSM001	08/04/96	15	112.3	1	188.8	10.7	1	21,071,000	1	392.8	0.379	1	128.5	1.00
002535	CSM001	08/04/96	16	161.2	1	184.2	10.9	1	22,835,000	1	611.0	0.383	1	141.9	1.00
002535	CSM001	08/04/96	17	202.2	1	183.4	11.3	1	24,519,000	1	823.0	0.349	1	157.9	1.00
002535	CSM001	08/04/96	18	188.4	1	182.6	11.2	1	24,095,000	1	753.6	0.350	1	153.8	1.00
002535	CSM001	08/04/96	19	186.1	1	182.3	11.3	1	24,264,000	1	749.6	0.347	1	156.3	1.00
002535	CSM001	08/04/96	20	163.6	1	181.7	11.2	1	24,232,000	1	658.1	0.349	1	154.7	1.00
002535	CSM001	08/04/96	21	121.8	1	181.6	10.9	1	22,340,000	1	451.7	0.358	1	138.8	1.00
002535	CSM001	08/04/96	22	68.7	1	188.8	10.4	1	19,327,000	1	220.4	0.390	1	114.6	1.00
002535	CSM001	08/04/96	23	86.0	1	187.4	10.3	1	19,786,000	1	282.5	0.391	1	116.2	1.00
002535	CSM001	08/05/96	0	117.4	1	176.0	10.6	1	21,526,000	1	419.5	0.357	1	130.1	1.00
002535	CSM001	08/05/96	1	176.1	1	174.8	11.2	1	24,288,000	1	710.0	0.335	1	155.1	1.00
002535	CSM001	08/05/96	2	135.6	1	172.5	11.1	1	22,577,000	1	508.2	0.334	1	142.8	1.00
002535	CSM001	08/05/96	3	91.7	1	183.2	10.5	1	20,237,000	1	308.1	0.375	1	121.1	1.00
002535	CSM001	08/05/96	4	95.4	1	173.9	10.5	1	20,085,000	1	318.1	0.356	1	120.2	1.00
002535	CSM001	08/05/96	5	90.3	1	170.9	10.5	1	19,577,000	1	293.5	0.350	1	117.2	1.00
002535	CSM001	08/05/96	6	189.7	1	188.0	11.4	1	24,844,000	1	782.3	0.354	1	161.4	1.00
002535	CSM001	08/05/96	7	124.6	1	208.6	11.3	1	24,799,000	1	512.9	0.397	1	159.3	1.00
002535	CSM001	08/05/96	8	130.4	1	204.8	11.3	1	24,735,000	1	535.4	0.390	1	159.3	1.00
002535	CSM001	08/05/96	9	123.5	1	205.7	11.3	1	24,436,000	1	501.0	0.391	1	157.4	1.00
002535	CSM001	08/05/96	10	128.1	1	206.5	11.3	1	24,238,000	1	515.4	0.393	1	156.1	1.00
002535	CSM001	08/05/96	11	140.9	1	207.0	11.4	1	24,630,000	1	576.1	0.390	1	160.0	1.00
002535	CSM001	08/05/96	12	133.3	1	174.9	11.4	1	24,621,000	1	544.8	0.330	1	160.0	1.00
002535	CSM001	08/05/96	13	139.6	1	161.7	11.2	1	24,716,000	1	572.8	0.310	1	157.8	1.00
002535	CSM001	08/05/96	14	129.3	1	160.9	11.2	1	24,354,000	1	522.7	0.309	1	155.5	1.00
002535	CSM001	08/05/96	15	138.6	1	165.0	11.4	1	24,460,000	1	562.8	0.311	1	158.9	1.00
002535	CSM001	08/05/96	16	114.2	1	165.2	11.2	1	23,202,000	1	439.8	0.317	1	148.1	1.00
002535	CSM001	08/05/96	17	70.8	1	165.7	10.7	1	20,954,000	1	246.3	0.333	1	127.8	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	C5M001	08/05/96	18	110.3	1	159.5	11.1	1	23,427,000	1	428.9	0.309	1	148.2	1.00
002535	C5M001	08/05/96	19	120.0	1	160.9	11.3	1	24,765,000	1	493.3	0.306	1	159.5	1.00
002535	C5M001	08/05/96	20	109.3	1	164.4	11.3	1	24,571,000	1	445.8	0.313	1	158.3	1.00
002535	C5M001	08/05/96	21	93.4	1	160.2	11.0	1	23,430,000	1	363.3	0.313	1	146.9	1.00
002535	C5M001	08/05/96	22	47.9	1	165.0	10.4	1	19,935,000	1	158.5	0.341	1	118.2	1.00
002535	C5M001	08/05/96	23	92.0	1	172.5	10.8	1	22,317,000	1	340.8	0.343	1	137.4	1.00
002535	C5M001	08/06/96	0	128.0	1	170.3	11.3	1	24,431,000	1	519.1	0.324	1	157.4	1.00
002535	C5M001	08/06/96	1	117.6	1	181.7	11.3	1	24,527,000	1	478.8	0.346	1	158.0	1.00
002535	C5M001	08/06/96	2	93.1	1	182.2	11.1	1	23,524,000	1	363.6	0.353	1	148.8	1.00
002535	C5M001	08/06/96	3	75.0	1	199.7	10.4	1	19,612,000	1	244.2	0.413	1	116.3	1.00
002535	C5M001	08/06/96	4	123.3	1	193.6	10.6	1	20,697,000	1	423.6	0.393	1	125.1	1.00
002535	C5M001	08/06/96	5	116.6	1	190.4	10.4	1	20,112,000	1	389.3	0.393	1	119.2	1.00
002535	C5M001	08/06/96	6	144.9	1	176.9	10.7	1	20,521,000	1	493.6	0.355	1	125.2	1.00
002535	C5M001	08/06/96	7	180.5	1	141.8	11.3	1	24,452,000	1	732.7	0.270	1	157.5	1.00
002535	C5M001	08/06/96	8	129.3	1	148.8	11.5	1	24,347,000	1	522.6	0.278	1	159.6	1.00
002535	C5M001	08/06/96	9	149.7	1	150.2	11.6	1	25,258,000	1	627.7	0.278	1	167.0	1.00
002535	C5M001	08/06/96	10	168.0	1	149.8	11.5	1	25,422,000	1	709.0	0.280	1	166.6	1.00
002535	C5M001	08/06/96	11	185.3	1	151.1	11.5	1	25,856,000	1	795.3	0.282	1	169.5	1.00
002535	C5M001	08/06/96	12	203.5	1	150.7	11.6	1	25,782,000	1	870.9	0.279	1	170.5	1.00
002535	C5M001	08/06/96	13	216.3	1	151.1	11.6	1	25,872,000	1	929.0	0.280	1	171.1	1.00
002535	C5M001	08/06/96	14	210.7	1	151.7	11.6	1	25,904,000	1	906.0	0.281	1	171.3	1.00
002535	C5M001	08/06/96	15	212.6	1	151.4	11.6	1	25,756,000	1	909.0	0.280	1	170.3	1.00
002535	C5M001	08/06/96	16	208.3	1	151.4	11.5	1	25,989,000	1	898.6	0.283	1	170.4	1.00
002535	C5M001	08/06/96	17	209.5	1	152.7	11.5	1	26,068,000	1	906.6	0.285	1	170.9	1.00
002535	C5M001	08/06/96	18	208.1	1	152.5	11.5	1	25,931,000	1	895.8	0.285	1	170.0	1.00
002535	C5M001	08/06/96	19	197.1	1	151.9	11.5	1	26,014,000	1	851.1	0.284	1	170.5	1.00
002535	C5M001	08/06/96	20	194.6	1	151.1	11.5	1	25,954,000	1	838.4	0.282	1	170.1	1.00
002535	C5M001	08/06/96	21	196.0	1	151.2	11.4	1	26,128,000	1	850.1	0.285	1	169.8	1.00
002535	C5M001	08/06/96	22	198.3	1	152.1	11.5	1	25,995,000	1	855.7	0.284	1	170.4	1.00
002535	C5M001	08/06/96	23	120.8	1	157.7	10.9	1	22,313,000	1	447.4	0.311	1	138.6	1.00
002535	C5M001	08/07/96	0	62.2	1	179.0	10.0	1	17,799,000	1	183.8	0.385	1	101.5	1.00
002535	C5M001	08/07/96	1	131.4	1	164.9	10.5	1	19,373,000	1	422.6	0.338	1	115.9	1.00
002535	C5M001	08/07/96	2	273.4	1	171.7	11.0	1	24,722,000	1	1120.8	0.335	1	155.0	1.00
002535	C5M001	08/07/96	3	268.8	1	169.7	11.4	1	24,895,000	1	1110.8	0.320	1	161.8	1.00
002535	C5M001	08/07/96	4	244.3	1	176.2	11.3	1	24,100,000	1	977.3	0.335	1	155.2	1.00
002535	C5M001	08/07/96	5	212.3	1	192.1	11.4	1	25,063,000	1	883.3	0.362	1	162.9	1.00
002535	C5M001	08/07/96	6	172.4	1	203.2	11.5	1	24,677,000	1	706.2	0.380	1	161.8	1.00
002535	C5M001	08/07/96	7	196.1	1	205.7	11.5	1	25,897,000	1	843.0	0.384	1	169.8	1.00
002535	C5M001	08/07/96	8	205.0	1	210.0	11.4	1	25,923,000	1	882.2	0.396	1	168.4	1.00
002535	C5M001	08/07/96	9	212.7	1	207.8	11.4	1	25,956,000	1	916.5	0.392	1	168.7	1.00
002535	C5M001	08/07/96	10	214.8	1	208.7	11.4	1	26,040,000	1	928.5	0.393	1	169.2	1.00
002535	C5M001	08/07/96	11	212.5	1	205.1	11.4	1	26,038,000	1	918.5	0.387	1	169.2	1.00
002535	C5M001	08/07/96	12	213.5	1	203.1	11.4	1	25,208,000	1	893.4	0.383	1	163.8	1.00
002535	C5M001	08/07/96	13	231.8	1	180.4	11.6	1	25,762,000	1	991.3	0.334	1	170.3	1.00
002535	C5M001	08/07/96	14	219.5	1	174.0	11.6	1	25,663,000	1	935.1	0.322	1	169.7	1.00
002535	C5M001	08/07/96	15	215.0	1	175.3	11.5	1	25,661,000	1	915.8	0.328	1	168.2	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM001	08/07/96	16	204.8	1	170.1	11.4	1	25,737,000	1	875.0	0.321	1	167.2	1.00
002535	CSM001	08/07/96	17	227.3	1	165.8	11.4	1	25,648,000	1	967.7	0.313	1	166.7	1.00
002535	CSM001	08/07/96	18	215.5	1	161.2	11.3	1	25,585,000	1	915.3	0.307	1	164.8	1.00
002535	CSM001	08/07/96	19	210.2	1	160.8	11.3	1	25,686,000	1	896.3	0.306	1	165.4	1.00
002535	CSM001	08/07/96	20	213.0	1	161.8	11.3	1	25,970,000	1	918.2	0.308	1	167.3	1.00
002535	CSM001	08/07/96	21	182.8	1	160.1	11.2	1	25,135,000	1	762.7	0.307	1	160.5	1.00
002535	CSM001	08/07/96	22	132.1	1	171.0	10.8	1	22,750,000	1	498.9	0.340	1	140.0	1.00
002535	CSM001	08/07/96	23	113.6	1	186.9	10.4	1	20,268,000	1	382.2	0.386	1	120.1	1.00
002535	CSM001	08/08/96	0	199.6	1	172.9	10.9	1	23,792,000	1	788.3	0.341	1	147.8	1.00
002535	CSM001	08/08/96	1	130.6	1	164.8	10.7	1	21,518,000	1	466.5	0.331	1	131.2	1.00
002535	CSM001	08/08/96	2	68.2	1	193.1	10.1	1	18,312,000	1	207.3	0.411	1	105.4	1.00
002535	CSM001	08/08/96	3	120.1	1	186.2	10.1	1	18,016,000	1	359.2	0.396	1	103.7	1.00
002535	CSM001	08/08/96	4	173.1	1	183.1	10.4	1	20,107,000	1	577.8	0.378	1	119.2	1.00
002535	CSM001	08/08/96	5	154.3	1	175.6	10.5	1	20,879,000	1	534.8	0.359	1	125.0	1.00
002535	CSM001	08/08/96	6	212.5	1	187.4	11.1	1	24,268,000	1	856.1	0.363	1	153.5	1.00
002535	CSM001	08/08/96	7	226.0	1	196.3	11.4	1	25,388,000	1	856.1	0.370	1	165.0	1.00
002535	CSM001	08/08/96	8	212.6	1	198.9	11.4	1	24,974,000	1	881.4	0.375	1	162.3	1.00
002535	CSM001	08/08/96	9	231.5	1	194.3	11.4	1	25,153,000	1	966.6	0.366	1	170.7	1.00
002535	CSM001	08/08/96	10	239.1	1	191.9	11.4	1	26,268,000	1	1042.6	0.362	1	177.7	1.00
002535	CSM001	08/08/96	11	209.5	1	189.4	11.3	1	26,409,000	1	918.4	0.360	1	170.1	1.00
002535	CSM001	08/08/96	12	202.5	1	194.5	11.4	1	26,803,000	1	901.0	0.367	1	174.2	1.00
002535	CSM001	08/08/96	13	243.5	1	197.5	11.4	1	26,567,000	1	1073.9	0.372	1	172.6	1.00
002535	CSM001	08/08/96	14	216.7	1	201.6	11.3	1	26,428,000	1	950.7	0.363	1	170.2	1.00
002535	CSM001	08/08/96	15	194.8	1	198.6	11.1	1	26,194,000	1	847.0	0.385	1	165.7	1.00
002535	CSM001	08/08/96	16	199.4	1	198.9	11.1	1	26,321,000	1	871.2	0.385	1	166.5	1.00
002535	CSM001	08/08/96	17	198.3	1	199.1	11.1	1	26,183,000	1	861.9	0.386	1	165.7	1.00
002535	CSM001	08/08/96	18	197.3	1	201.6	11.1	1	26,367,000	1	863.6	0.390	1	166.8	1.00
002535	CSM001	08/08/96	19	142.0	1	196.1	10.8	1	24,226,000	1	571.1	0.390	1	149.1	1.00
002535	CSM001	08/08/96	20	129.0	1	198.9	10.6	1	22,990,000	1	492.3	0.403	1	138.9	1.00
002535	CSM001	08/08/96	21	148.5	1	197.8	10.8	1	24,039,000	1	592.6	0.394	1	148.0	1.00
002535	CSM001	08/08/96	22	72.1	1	191.5	10.3	1	20,126,000	1	240.9	0.400	1	118.2	1.00
002535	CSM001	08/08/96	23	115.0	1	191.6	10.4	1	21,831,000	1	416.8	0.396	1	129.4	1.00
002535	CSM001	08/09/96	0	110.7	1	177.3	10.5	1	21,814,000	1	400.9	0.363	1	130.6	1.00
002535	CSM001	08/09/96	1	60.4	1	180.7	10.2	1	19,352,000	1	194.0	0.381	1	112.5	1.00
002535	CSM001	08/09/96	2	45.1	1	173.7	9.9	1	18,249,000	1	136.6	0.377	1	103.0	1.00
002535	CSM001	08/09/96	3	50.3	1	164.0	9.9	1	18,285,000	1	152.7	0.356	1	103.2	1.00
002535	CSM001	08/09/96	4	91.2	1	155.9	10.2	1	20,380,000	1	308.5	0.328	1	118.5	1.00
002535	CSM001	08/09/96	5	70.8	1	158.4	10.1	1	19,518,000	1	229.4	0.337	1	112.4	1.00
002535	CSM001	08/09/96	6	90.5	1	162.9	10.4	1	19,905,000	1	299.0	0.337	1	118.0	1.00
002535	CSM001	08/09/96	7	111.4	1	163.0	10.9	1	22,953,000	1	424.5	0.321	1	142.6	1.00
002535	CSM001	08/09/96	8	114.9	1	170.1	11.5	1	24,944,000	1	475.8	0.318	1	163.5	1.00
002535	CSM001	08/09/96	9	85.6	1	181.1	11.2	1	23,582,000	1	335.1	0.348	1	150.5	1.00
002535	CSM001	08/09/96	10	73.3	1	185.0	10.8	1	21,827,000	1	265.6	0.368	1	134.4	1.00
002535	CSM001	08/09/96	11	109.0	1	195.1	11.0	1	24,621,000	1	445.5	0.381	1	154.4	1.00
002535	CSM001	08/09/96	12	48.3	1	194.1	10.6	1	20,917,000	1	167.7	0.394	1	126.4	1.00
002535	CSM001	08/09/96	13	64.4	1	180.7	10.0	1	18,306,000	1	195.7	0.388	1	104.3	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	C5M001	08/09/96	14	61.4	1	176.3	10.0	1	18,622,000	1	189.8	0.379	1	106.1	1.00
002535	C5M001	08/09/96	15	72.7	1	163.5	10.1	1	18,094,000	1	218.4	0.348	1	104.2	1.00
002535	C5M001	08/09/96	16	85.0	1	171.7	10.3	1	18,283,000	1	258.0	0.358	1	107.3	1.00
002535	C5M001	08/09/96	17	85.3	1	176.6	10.4	1	19,726,000	1	279.3	0.365	1	116.9	1.00
002535	C5M001	08/09/96	18	34.5	1	188.5	9.9	1	17,557,000	1	100.5	0.409	1	99.1	1.00
002535	C5M001	08/09/96	19	21.3	1	180.5	10.2	1	17,823,000	1	63.0	0.380	1	103.6	1.00
002535	C5M001	08/09/96	20	44.4	1	179.1	10.1	1	17,640,000	1	130.0	0.381	1	101.6	1.00
002535	C5M001	08/09/96	21	68.5	1	183.4	10.1	1	17,285,000	1	196.5	0.390	1	99.5	1.00
002535	C5M001	08/09/96	22	83.0	1	183.4	9.9	1	17,842,000	1	245.8	0.398	1	100.7	1.00
002535	C5M001	08/09/96	23	40.5	1	164.6	9.5	1	15,670,000	1	105.3	0.372	1	84.9	1.00
002535	C5M001	08/10/96	0	41.4	1	175.7	9.8	1	16,622,000	1	114.2	0.385	1	92.9	1.00
002535	C5M001	08/10/96	1	39.3	1	169.2	9.7	1	16,855,000	1	110.0	0.375	1	93.2	1.00
002535	C5M001	08/10/96	2	66.6	1	177.6	9.9	1	17,708,000	1	195.8	0.386	1	99.9	1.00
002535	C5M001	08/10/96	3	31.5	1	164.2	9.6	1	16,195,000	1	84.7	0.368	1	88.6	1.00
002535	C5M001	08/10/96	4	40.0	1	170.9	9.7	1	16,302,000	1	108.2	0.379	1	90.1	1.00
002535	C5M001	08/10/96	5	29.5	1	173.3	9.6	1	15,980,000	1	78.3	0.388	1	87.4	1.00
002535	C5M001	08/10/96	6	72.7	1	168.8	10.2	1	17,133,000	1	206.8	0.356	1	99.6	1.00
002535	C5M001	08/10/96	7	54.4	1	174.0	9.9	1	16,867,000	1	152.3	0.378	1	95.2	1.00
002535	C5M001	08/10/96	8	48.6	1	183.4	10.0	1	18,037,000	1	145.5	0.394	1	102.8	1.00
002535	C5M001	08/10/96	9	56.1	1	177.4	10.1	1	17,908,000	1	166.8	0.377	1	103.1	1.00
002535	C5M001	08/10/96	10	64.3	1	178.8	10.1	1	17,937,000	1	191.5	0.380	1	103.4	1.00
002535	C5M001	08/10/96	11	50.0	1	178.7	10.2	1	17,781,000	1	147.6	0.377	1	102.8	1.00
002535	C5M001	08/10/96	12	59.6	1	170.8	10.1	1	17,856,000	1	176.7	0.363	1	102.8	1.00
002535	C5M001	08/10/96	13	65.9	1	172.4	9.6	1	16,607,000	1	181.7	0.386	1	90.9	1.00
002535	C5M001	08/10/96	14	55.1	1	165.9	9.8	1	16,146,000	1	147.7	0.364	1	90.2	1.00
002535	C5M001	08/10/96	15	101.5	1	177.0	9.8	1	16,315,000	1	274.9	0.388	1	91.1	1.00
002535	C5M001	08/10/96	16	129.0	1	177.3	9.8	1	16,571,000	1	354.9	0.389	1	92.6	1.00
002535	C5M001	08/10/96	17	78.7	1	174.6	10.1	1	17,445,000	1	227.9	0.372	1	100.4	1.00
002535	C5M001	08/10/96	18	152.0	1	174.5	10.1	1	18,174,000	1	450.2	0.371	1	102.7	1.00
002535	C5M001	08/10/96	19	167.8	1	175.2	10.0	1	18,174,000	1	506.2	0.377	1	103.6	1.00
002535	C5M001	08/10/96	20	127.5	1	176.3	9.7	1	17,650,000	1	373.6	0.391	1	97.6	1.00
002535	C5M001	08/10/96	21	107.2	1	180.9	9.7	1	16,175,000	1	287.8	0.401	1	89.4	1.00
002535	C5M001	08/10/96	22	106.9	1	182.0	9.7	1	15,865,000	1	281.5	0.403	1	87.7	1.00
002535	C5M001	08/10/96	23	123.5	1	169.8	10.1	1	16,819,000	1	344.8	0.361	1	96.8	1.00
002535	C5M001	08/11/96	0	88.4	1	175.9	9.6	1	16,127,000	1	236.7	0.394	1	88.2	1.00
002535	C5M001	08/11/96	1	104.6	1	169.7	9.7	1	15,568,000	1	270.3	0.376	1	86.1	1.00
002535	C5M001	08/11/96	2	106.6	1	163.7	9.8	1	15,705,000	1	277.9	0.359	1	87.7	1.00
002535	C5M001	08/11/96	3	97.3	1	162.2	9.6	1	15,742,000	1	254.3	0.363	1	86.1	1.00
002535	C5M001	08/11/96	4	103.0	1	171.9	9.8	1	15,544,000	1	265.8	0.377	1	86.8	1.00
002535	C5M001	08/11/96	5	99.5	1	169.7	9.8	1	15,432,000	1	254.9	0.372	1	86.2	1.00
002535	C5M001	08/11/96	6	122.1	1	171.7	10.2	1	16,036,000	1	325.0	0.362	1	93.2	1.00
002535	C5M001	08/11/96	7	125.6	1	170.3	10.0	1	18,014,000	1	375.6	0.366	1	102.7	1.00
002535	C5M001	08/11/96	8	135.5	1	170.9	10.0	1	18,188,000	1	409.1	0.367	1	103.7	1.00
002535	C5M001	08/11/96	9	144.1	1	163.2	9.8	1	18,861,000	1	451.2	0.358	1	105.4	1.00
002535	C5M001	08/11/96	10	94.1	1	174.5	9.4	1	16,588,000	1	259.1	0.399	1	88.9	1.00
002535	C5M001	08/11/96	11	101.7	1	161.4	9.6	1	15,852,000	1	267.6	0.361	1	86.7	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	C5M001	08/11/96	12	117.8	1	171.1	9.8	1	17,108,000	1	334.5	0.375	1	95.6	1.00
002535	C5M001	08/11/96	13	109.9	1	171.4	9.8	1	16,800,000	1	306.5	0.376	1	93.8	1.00
002535	C5M001	08/11/96	14	102.8	1	174.4	9.6	1	15,934,000	1	271.9	0.390	1	87.2	1.00
002535	C5M001	08/11/96	15	99.4	1	173.0	9.8	1	15,965,000	1	263.4	0.379	1	89.2	1.00
002535	C5M001	08/11/96	16	99.9	1	176.4	9.7	1	15,858,000	1	263.0	0.391	1	87.7	1.00
002535	C5M001	08/11/96	17	90.9	1	177.3	9.7	1	15,737,000	1	237.5	0.393	1	87.0	1.00
002535	C5M001	08/11/96	18	94.2	1	169.0	10.0	1	15,761,000	1	246.5	0.363	1	89.8	1.00
002535	C5M001	08/11/96	19	117.5	1	166.4	10.3	1	17,310,000	1	337.6	0.347	1	101.6	1.00
002535	C5M001	08/11/96	20	111.4	1	171.2	9.8	1	17,447,000	1	322.6	0.375	1	97.5	1.00
002535	C5M001	08/11/96	21	88.7	1	171.9	9.9	1	15,766,000	1	232.1	0.373	1	89.0	1.00
002535	C5M001	08/11/96	22	75.9	1	170.0	9.9	1	15,323,000	1	193.1	0.369	1	86.5	1.00
002535	C5M001	08/11/96	23	78.6	1	177.2	10.0	1	15,267,000	1	199.2	0.381	1	87.0	1.00
002535	C5M001	08/12/96	0	112.1	1	176.2	10.4	1	16,725,000	1	311.2	0.364	1	99.1	1.00
002535	C5M001	08/12/96	1	111.9	1	182.7	10.0	1	17,563,000	1	326.2	0.393	1	100.1	1.00
002535	C5M001	08/12/96	2	114.5	1	166.7	10.3	1	16,833,000	1	319.9	0.348	1	98.8	1.00
002535	C5M001	08/12/96	3	123.5	1	175.8	10.3	1	17,372,000	1	356.1	0.367	1	102.0	1.00
002535	C5M001	08/12/96	4	101.5	1	176.6	10.1	1	16,561,000	1	279.0	0.376	1	95.3	1.00
002535	C5M001	08/12/96	5	104.0	1	167.9	10.1	1	16,453,000	1	284.0	0.357	1	94.7	1.00
002535	C5M001	08/12/96	6	168.7	1	178.7	10.6	1	21,919,000	11	613.8	0.362	1	132.4	1.00
002535	C5M001	08/12/96	7	153.2	1	215.1	10.2	1	20,002,000	1	508.7	0.453	1	116.3	1.00
002535	C5M001	08/12/96	8	129.5	1	194.0	10.2	1	19,705,000	1	423.6	0.409	1	114.6	1.00
002535	C5M001	08/12/96	9	179.5	1	167.2	10.4	1	22,079,000	1	657.9	0.346	1	130.9	1.00
002535	C5M001	08/12/96	10	209.3	1	179.4	11.2	1	25,677,000	1	892.1	0.344	1	163.9	1.00
002535	C5M001	08/12/96	11	165.2	1	186.1	11.2	1	26,076,000	1	715.1	0.357	1	166.5	1.00
002535	C5M001	08/12/96	12	100.6	1	191.0	10.4	1	22,284,000	1	372.1	0.395	1	102.1	1.00
002535	C5M001	08/12/96	13	57.7	1	204.5	9.9	1	18,954,000	1	181.5	0.444	1	107.0	1.00
002535	C5M001	08/12/96	14	47.7	1	195.6	9.9	1	18,453,000	1	146.1	0.425	1	104.1	1.00
002535	C5M001	08/12/96	15	64.1	1	187.2	10.1	1	20,321,000	1	216.2	0.398	1	117.0	1.00
002535	C5M001	08/12/96	16	78.5	1	193.2	10.2	1	21,624,000	1	281.8	0.407	1	125.7	1.00
002535	C5M001	08/12/96	17	61.6	1	221.5	10.1	1	20,070,000	1	205.2	0.471	1	115.5	1.00
002535	C5M001	08/12/96	18	54.3	1	212.4	10.0	1	19,144,000	1	172.6	0.456	1	109.1	1.00
002535	C5M001	08/12/96	19	104.9	1	178.8	10.3	1	22,618,000	1	393.9	0.373	1	132.8	1.00
002535	C5M001	08/12/96	20	49.4	1	158.7	10.0	1	19,333,000	1	158.5	0.341	1	110.2	1.00
002535	C5M001	08/12/96	21	103.4	1	191.9	10.4	1	22,599,000	1	387.9	0.397	1	134.0	1.00
002535	C5M001	08/12/96	22	110.0	1	190.7	10.6	1	23,731,000	1	433.3	0.387	1	143.4	1.00
002535	C5M001	08/12/96	23	98.4	1	188.6	10.7	1	23,923,000	1	390.8	0.379	1	145.9	1.00
002535	C5M001	08/13/96	0	41.4	1	193.5	10.1	1	19,067,000	1	131.0	0.412	1	109.8	1.00
002535	C5M001	08/13/96	1	48.7	1	157.7	9.9	1	18,277,000	1	147.8	0.342	1	103.1	1.00
002535	C5M001	08/13/96	2	42.5	1	181.6	10.0	1	18,601,000	1	131.2	0.390	1	106.0	1.00
002535	C5M001	08/13/96	3	31.2	1	180.7	10.0	1	18,364,000	1	95.1	0.388	1	104.7	1.00
002535	C5M001	08/13/96	4	52.1	1	177.8	10.2	1	19,871,000	1	171.9	0.375	1	115.5	1.00
002535	C5M001	08/13/96	5	49.9	1	188.6	10.1	1	20,006,000	1	165.7	0.401	1	115.2	1.00
002535	C5M001	08/13/96	6	46.8	1	174.7	10.1	1	18,407,000	1	143.0	0.372	1	106.0	1.00
002535	C5M001	08/13/96	7	43.4	1	171.8	10.1	1	18,391,000	1	132.5	0.366	1	105.9	1.00
002535	C5M001	08/13/96	8	95.3	1	161.8	10.1	1	19,485,000	1	308.2	0.344	1	112.2	1.00
002535	C5M001	08/13/96	9	153.2	1	179.6	10.4	1	22,244,000	1	565.7	0.371	1	131.9	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM001	08/13/96	10	126.3	1	183.1	10.6	1	23,381,000	1	490.2	0.371	1	141.3	1.00
002535	CSM001	08/13/96	11	138.2	1	181.0	10.8	1	24,461,000	1	561.2	0.360	1	150.6	1.00
002535	CSM001	08/13/96	12	140.2	1	190.5	10.9	1	24,144,000	1	561.9	0.376	1	150.0	1.00
002535	CSM001	08/13/96	13	73.8	1	186.3	10.3	1	19,486,000	1	238.7	0.389	1	114.4	1.00
002535	CSM001	08/13/96	14	150.4	1	178.0	10.6	1	22,970,000	1	573.5	0.361	1	138.8	1.00
002535	CSM001	08/13/96	15	184.3	1	188.4	11.1	1	25,405,000	1	777.2	0.365	1	160.7	1.00
002535	CSM001	08/13/96	16	175.7	1	191.4	11.1	1	25,188,000	1	734.6	0.371	1	159.4	1.00
002535	CSM001	08/13/96	17	162.6	1	187.1	10.9	1	24,166,000	1	652.3	0.369	1	150.1	1.00
002535	CSM001	08/13/96	18	183.8	1	191.8	11.1	1	25,230,000	1	769.8	0.371	1	159.6	1.00
002535	CSM001	08/13/96	19	172.6	1	194.2	11.2	1	25,100,000	1	719.2	0.373	1	160.2	1.00
002535	CSM001	08/13/96	20	163.4	1	192.6	11.3	1	24,851,000	1	674.1	0.366	1	160.1	1.00
002535	CSM001	08/13/96	21	163.3	1	196.9	11.3	1	24,675,000	1	668.9	0.374	1	158.9	1.00
002535	CSM001	08/13/96	22	140.4	1	207.3	11.0	1	23,622,000	1	550.5	0.405	1	148.1	1.00
002535	CSM001	08/13/96	23	90.2	1	199.9	10.4	1	20,666,000	1	309.4	0.413	1	122.5	1.00
002535	CSM001	08/14/96	0	94.1	1	185.1	10.4	1	20,651,000	1	322.6	0.383	1	122.4	1.00
002535	CSM001	08/14/96	1	52.2	1	174.9	10.1	1	18,554,000	1	160.8	0.372	1	106.8	1.00
002535	CSM001	08/14/96	2	64.4	1	186.2	10.2	1	18,899,000	1	202.0	0.392	1	109.9	1.00
002535	CSM001	08/14/96	3	53.3	1	169.8	10.0	1	18,497,000	1	163.7	0.365	1	105.4	1.00
002535	CSM001	08/14/96	4	54.5	1	176.1	10.0	1	18,704,000	1	169.2	0.378	1	106.6	1.00
002535	CSM001	08/14/96	5	53.9	1	169.0	10.0	1	18,197,000	1	162.8	0.363	1	103.7	1.00
002535	CSM001	08/14/96	6	81.9	1	179.3	10.3	1	18,736,000	1	254.7	0.374	1	110.0	1.00
002535	CSM001	08/14/96	7	109.6	1	197.1	10.4	1	20,884,000	1	380.0	0.407	1	123.8	1.00
002535	CSM001	08/14/96	8	137.8	1	188.3	10.9	1	23,463,000	1	536.7	0.371	1	145.8	1.00
002535	CSM001	08/14/96	9	169.6	1	191.3	11.1	1	24,675,000	1	694.7	0.370	1	156.1	1.00
002535	CSM001	08/14/96	10	170.2	1	194.0	11.2	1	24,861,000	1	702.4	0.372	1	158.7	1.00
002535	CSM001	08/14/96	11	187.5	1	199.8	11.3	1	25,361,000	1	789.4	0.380	1	163.4	1.00
002535	CSM001	08/14/96	12	204.5	1	198.5	11.4	1	25,748,000	1	874.1	0.374	1	167.3	1.00
002535	CSM001	08/14/96	13	206.5	1	200.2	11.4	1	25,932,000	1	888.9	0.377	1	168.5	1.00
002535	CSM001	08/14/96	14	210.6	1	199.2	11.3	1	25,972,000	1	908.0	0.379	1	167.3	1.00
002535	CSM001	08/14/96	15	236.0	1	202.5	11.3	1	26,796,000	1	1049.8	0.385	1	172.6	1.00
002535	CSM001	08/14/96	16	177.5	1	202.4	11.8	1	27,382,000	1	772.7	0.369	1	184.2	1.00
002535	CSM001	08/14/96	17	170.0	1	202.6	11.8	1	27,382,000	1	734.1	0.371	1	183.9	1.00
002535	CSM001	08/14/96	18	159.0	1	200.2	11.6	1	27,813,000	1	719.7	0.353	1	184.8	1.00
002535	CSM001	08/14/96	19	159.1	1	195.7	11.9	1	27,250,000	1	688.9	0.369	1	180.4	1.00
002535	CSM001	08/14/96	20	152.1	1	198.9	11.6	1	27,284,000	1	688.9	0.369	1	180.4	1.00
002535	CSM001	08/14/96	21	136.4	1	199.4	11.6	1	25,967,000	1	588.0	0.369	1	171.7	1.00
002535	CSM001	08/14/96	22	114.9	1	201.6	11.3	1	24,651,000	1	470.2	0.363	1	158.8	1.00
002535	CSM001	08/14/96	23	57.3	1	211.6	10.7	1	20,645,000	1	196.4	0.425	1	125.9	1.00
002535	CSM001	08/15/96	0	59.2	1	210.1	10.7	1	20,784,000	1	204.2	0.422	1	126.8	1.00
002535	CSM001	08/15/96	1	57.3	1	167.8	10.7	1	20,775,000	1	197.6	0.337	1	126.7	1.00
002535	CSM001	08/15/96	2	38.4	1	168.3	10.4	1	19,516,000	1	124.4	0.348	1	115.7	1.00
002535	CSM001	08/15/96	3	23.9	1	158.0	10.3	1	18,300,000	1	72.6	0.330	1	107.4	1.00
002535	CSM001	08/15/96	4	44.0	1	181.7	10.4	1	20,051,000	1	146.5	0.375	1	118.9	1.00
002535	CSM001	08/15/96	5	24.0	1	172.5	10.2	1	18,442,000	1	73.5	0.363	1	107.2	1.00
002535	CSM001	08/15/96	6	32.7	1	184.3	10.3	1	18,360,000	1	99.7	0.363	1	107.8	1.00
002535	CSM001	08/15/96	7	37.2	1	158.5	10.1	1	19,399,000	1	119.8	0.337	1	111.7	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM001	08/15/96	8	97.1	1	173.2	10.9	1	25,145,000	1	405.3	0.342	1	156.2	1.00
002535	CSM001	08/15/96	9	109.7	1	168.6	11.2	1	26,482,000	1	482.2	0.324	1	169.1	1.00
002535	CSM001	08/15/96	10	106.4	1	171.6	11.2	1	26,033,000	1	459.8	0.329	1	166.2	1.00
002535	CSM001	08/15/96	11	92.8	1	175.1	11.0	1	24,429,000	1	376.3	0.342	1	153.2	1.00
002535	CSM001	08/15/96	12	117.7	1	187.6	11.4	1	25,255,000	1	493.4	0.354	1	164.1	1.00
002535	CSM001	08/15/96	13	83.0	1	198.5	11.0	1	22,212,000	1	306.0	0.388	1	139.3	1.00
002535	CSM001	08/15/96	14	62.1	1	219.8	10.2	1	19,154,000	1	197.5	0.463	1	111.4	1.00
002535	CSM001	08/15/96	15	40.5	1	177.7	10.3	1	18,693,000	1	125.7	0.371	1	109.7	1.00
002535	CSM001	08/15/96	16	59.9	1	190.1	10.2	1	20,022,000	1	199.1	0.401	1	116.4	1.00
002535	CSM001	08/15/96	17	110.4	1	169.6	10.9	1	25,884,000	1	474.4	0.334	1	160.8	1.00
002535	CSM001	08/15/96	18	111.1	1	157.8	11.1	1	25,720,000	1	474.3	0.306	1	162.7	1.00
002535	CSM001	08/15/96	19	112.8	1	182.6	11.1	1	26,038,000	1	487.6	0.354	1	164.7	1.00
002535	CSM001	08/15/96	20	79.8	1	200.8	10.8	1	23,868,000	1	316.2	0.400	1	146.9	1.00
002535	CSM001	08/15/96	21	73.5	1	197.2	10.8	1	23,017,000	1	280.8	0.392	1	141.7	1.00
002535	CSM001	08/15/96	22	93.8	1	188.9	11.1	1	24,208,000	1	376.9	0.366	1	153.2	1.00
002535	CSM001	08/15/96	23	110.6	1	185.2	11.3	1	24,759,000	1	454.6	0.352	1	159.5	1.00
002535	CSM001	08/15/96	0	97.2	1	186.8	11.0	1	25,089,000	1	404.8	0.365	1	157.3	1.00
002535	CSM001	08/16/96	1	62.5	1	177.7	10.5	1	21,733,000	1	225.5	0.364	1	130.1	1.00
002535	CSM001	08/16/96	2	72.4	1	168.1	10.5	1	21,931,000	1	263.6	0.344	1	131.3	1.00
002535	CSM001	08/16/96	3	86.3	1	171.0	10.8	1	23,046,000	1	330.2	0.340	1	141.9	1.00
002535	CSM001	08/16/96	4	165.3	1	170.8	10.9	1	23,858,000	1	654.7	0.337	1	148.2	1.00
002535	CSM001	08/16/96	5	139.2	1	167.3	10.5	1	20,362,000	1	470.5	0.342	1	121.9	1.00
002535	CSM001	08/16/96	6	209.4	1	213.4	10.6	1	21,012,000	1	730.4	0.433	1	127.0	1.00
002535	CSM001	08/16/96	7	285.6	1	190.9	11.3	1	25,559,000	1	1211.7	0.363	1	164.6	1.00
002535	CSM001	08/16/96	8	126.8	1	193.3	11.0	1	22,892,000	1	481.8	0.378	1	143.5	1.00
002535	CSM001	08/16/96	9	66.0	1	198.4	10.7	1	21,926,000	1	240.2	0.399	1	133.7	1.00
002535	CSM001	08/16/96	10	85.8	1	201.4	11.3	1	25,918,000	1	369.1	0.383	1	166.9	1.00
002535	CSM001	08/16/96	11	87.8	1	204.2	11.4	1	25,675,000	1	374.2	0.385	1	166.8	1.00
002535	CSM001	08/16/96	12	67.9	1	195.0	11.4	1	25,531,000	1	287.8	0.368	1	165.9	1.00
002535	CSM001	08/16/96	13	62.5	1	194.4	11.3	1	25,135,000	1	260.8	0.370	1	161.9	1.00
002535	CSM001	08/16/96	14	42.0	1	206.5	10.9	1	22,656,000	1	158.0	0.407	1	140.8	1.00
002535	CSM001	08/16/96	15	30.4	1	209.3	10.6	1	20,825,000	1	105.1	0.424	1	125.8	1.00
002535	CSM001	08/16/96	16	30.3	1	172.4	10.5	1	20,870,000	1	105.0	0.353	1	124.9	1.00
002535	CSM001	08/16/96	17	78.0	1	189.5	10.9	1	24,328,000	1	315.0	0.374	1	151.1	1.00
002535	CSM001	08/16/96	18	96.1	1	184.2	11.2	1	24,528,000	1	391.3	0.353	1	156.6	1.00
002535	CSM001	08/16/96	19	122.3	1	182.5	11.3	1	25,599,000	1	519.7	0.347	1	164.9	1.00
002535	CSM001	08/16/96	20	99.3	1	181.5	11.1	1	24,665,000	1	406.6	0.351	1	156.1	1.00
002535	CSM001	08/16/96	21	69.6	1	181.8	10.9	1	22,931,000	1	264.9	0.358	1	142.5	1.00
002535	CSM001	08/16/96	22	56.5	1	188.7	10.7	1	22,045,000	1	206.8	0.379	1	134.5	1.00
002535	CSM001	08/16/96	23	70.2	1	191.2	10.9	1	23,389,000	1	272.6	0.377	1	145.3	1.00
002535	CSM001	08/17/96	0	46.2	1	203.0	10.3	1	19,242,000	1	147.6	0.424	1	113.0	1.00
002535	CSM001	08/17/96	1	38.4	1	194.1	10.1	1	18,410,000	1	117.4	0.413	1	106.0	1.00
002535	CSM001	08/17/96	2	70.6	1	191.7	10.5	1	20,670,000	1	242.2	0.392	1	123.7	1.00
002535	CSM001	08/17/96	3	56.5	1	193.6	10.4	1	19,917,000	1	186.8	0.400	1	118.1	1.00
002535	CSM001	08/17/96	4	45.3	1	194.9	10.3	1	19,137,000	1	143.9	0.407	1	112.4	1.00
002535	CSM001	08/17/96	5	65.8	1	196.2	10.4	1	20,331,000	1	222.1	0.405	1	120.5	1.00

Milliken DOE Data Reporting

ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM001	08/17/96	6	88.3	1	194.9	10.7	1	21,148,000	1	310.0	0.391	1	129.0	1.00
002535	CSM001	08/17/96	7	70.4	1	171.0	10.7	1	21,169,000	1	247.4	0.343	1	129.1	1.00
002535	CSM001	08/17/96	8	58.6	1	178.5	10.5	1	20,593,000	1	200.3	0.365	1	123.2	1.00
002535	CSM001	08/17/96	9	68.3	1	180.8	10.5	1	20,752,000	1	235.3	0.370	1	124.2	1.00
002535	CSM001	08/17/96	10	98.0	1	178.8	10.7	1	22,158,000	1	360.5	0.359	1	135.1	1.00
002535	CSM001	08/17/96	11	75.9	1	180.1	10.5	1	20,687,000	1	260.6	0.369	1	123.8	1.00
002535	CSM001	08/17/96	12	78.4	1	181.7	10.5	1	20,992,000	1	273.2	0.372	1	125.6	1.00
002535	CSM001	08/17/96	13	71.0	1	183.0	10.4	1	20,362,000	1	240.0	0.378	1	120.7	1.00
002535	CSM001	08/17/96	14	68.5	1	174.0	10.4	1	19,845,000	1	225.7	0.360	1	117.6	1.00
002535	CSM001	08/17/96	15	64.6	1	176.6	10.2	1	19,684,000	1	211.1	0.372	1	114.4	1.00
002535	CSM001	08/17/96	16	64.4	1	179.2	10.3	1	19,551,000	1	209.0	0.374	1	114.8	1.00
002535	CSM001	08/17/96	17	63.2	1	178.8	10.3	1	19,498,000	1	204.6	0.373	1	114.5	1.00
002535	CSM001	08/17/96	18	57.7	1	181.6	10.3	1	19,429,000	1	186.1	0.379	1	114.1	1.00
002535	CSM001	08/17/96	19	57.1	1	179.8	10.3	1	19,218,000	1	182.2	0.375	1	112.8	1.00
002535	CSM001	08/17/96	20	46.7	1	173.4	10.2	1	18,413,000	1	142.7	0.365	1	107.1	1.00
002535	CSM001	08/17/96	21	51.1	1	177.3	10.2	1	18,854,000	1	159.9	0.374	1	109.6	1.00
002535	CSM001	08/17/96	22	56.8	1	175.0	10.4	1	19,385,000	1	182.8	0.362	1	114.9	1.00
002535	CSM001	08/17/96	23	47.0	1	176.5	10.3	1	18,850,000	1	147.1	0.368	1	110.7	1.00
002535	CSM001	08/18/96	0	60.3	1	183.1	10.3	1	20,157,000	1	201.8	0.382	1	118.3	1.00
002535	CSM001	08/18/96	1	56.2	1	174.1	10.4	1	20,159,000	1	188.1	0.360	1	119.5	1.00
002535	CSM001	08/18/96	2	55.7	1	176.2	10.4	1	20,114,000	1	186.0	0.364	1	119.2	1.00
002535	CSM001	08/18/96	3	40.6	1	174.7	10.2	1	18,747,000	1	126.3	0.368	1	109.0	1.00
002535	CSM001	08/18/96	4	36.6	1	179.1	10.2	1	18,208,000	1	110.6	0.377	1	105.9	1.00
002535	CSM001	08/18/96	5	31.4	1	181.1	10.2	1	18,111,000	1	94.4	0.382	1	105.3	1.00
002535	CSM001	08/18/96	6	57.3	1	189.4	10.4	1	18,968,000	1	180.4	0.391	1	112.4	1.00
002535	CSM001	08/18/96	7	57.9	1	177.7	10.2	1	18,338,000	1	176.3	0.374	1	106.6	1.00
002535	CSM001	08/18/96	8	49.7	1	178.4	10.2	1	17,796,000	1	146.8	0.376	1	103.5	1.00
002535	CSM001	08/18/96	9	44.5	1	182.5	9.9	1	17,477,000	1	129.1	0.396	1	98.6	1.00
002535	CSM001	08/18/96	10	94.2	1	181.7	9.8	1	16,006,000	1	250.3	0.398	1	89.4	1.00
002535	CSM001	08/18/96	11	96.1	1	179.2	9.7	1	16,465,000	1	262.7	0.397	1	91.0	1.00
002535	CSM001	08/18/96	12	115.4	1	175.5	10.2	1	17,543,000	1	336.1	0.370	1	102.0	1.00
002535	CSM001	08/18/96	13	49.0	1	178.0	10.2	1	18,087,000	1	147.1	0.375	1	105.2	1.00
002535	CSM001	08/18/96	14	92.7	1	192.8	10.5	1	20,552,000	1	316.3	0.395	1	123.0	1.00
002535	CSM001	08/18/96	15	161.4	1	189.2	11.2	1	23,592,000	1	632.1	0.363	1	150.6	1.00
002535	CSM001	08/18/96	16	152.1	1	187.4	11.1	1	24,305,000	1	613.7	0.363	1	153.8	1.00
002535	CSM001	08/18/96	17	191.0	1	193.0	11.4	1	25,722,000	1	815.5	0.364	1	167.1	1.00
002535	CSM001	08/18/96	18	165.6	1	203.7	11.4	1	26,981,000	1	741.7	0.384	1	175.3	1.00
002535	CSM001	08/18/96	19	137.9	1	193.5	11.5	1	27,157,000	1	621.7	0.362	1	178.0	1.00
002535	CSM001	08/18/96	20	127.1	1	194.4	11.3	1	26,902,000	1	567.6	0.370	1	173.3	1.00
002535	CSM001	08/18/96	21	50.9	1	202.2	10.5	1	20,669,000	1	174.6	0.414	1	123.7	1.00
002535	CSM001	08/18/96	22	60.5	1	181.9	10.6	1	21,478,000	1	215.7	0.369	1	129.8	1.00
002535	CSM001	08/18/96	23	95.9	1	183.9	11.0	1	23,918,000	1	380.8	0.359	1	150.0	1.00
002535	CSM001	08/19/96	0	100.4	1	205.2	11.3	1	25,382,000	1	423.0	0.390	1	163.5	1.00
002535	CSM001	08/19/96	1	100.4	1	208.9	11.3	1	25,658,000	1	427.6	0.397	1	165.3	1.00
002535	CSM001	08/19/96	2	90.6	1	203.8	11.3	1	24,780,000	1	372.7	0.388	1	159.6	1.00
002535	CSM001	08/19/96	3	97.4	1	201.4	11.3	1	25,263,000	1	408.5	0.383	1	162.7	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM001	08/19/96	4	61.4	1	190.7	10.8	1	22,428,000	1	228.6	0.379	1	138.1	1.00
002535	CSM001	08/19/96	5	43.1	1	166.3	10.4	1	20,071,000	1	143.6	0.344	1	119.0	1.00
002535	CSM001	08/19/96	6	53.4	1	177.0	10.5	1	20,378,000	1	180.6	0.362	1	122.0	1.00
002535	CSM001	08/19/96	7	70.1	1	177.3	10.7	1	22,592,000	1	262.9	0.356	1	137.8	1.00
002535	CSM001	08/19/96	8	101.3	1	185.3	11.1	1	25,572,000	1	430.0	0.359	1	161.8	1.00
002535	CSM001	08/19/96	9	92.8	1	186.1	11.3	1	26,108,000	1	402.2	0.354	1	168.2	1.00
002535	CSM001	08/19/96	10	83.1	1	185.1	11.3	1	25,455,000	1	351.1	0.352	1	164.0	1.00
002535	CSM001	08/19/96	11	101.9	1	186.8	11.3	1	25,409,000	1	429.8	0.355	1	163.7	1.00
002535	CSM001	08/19/96	12	114.1	1	183.1	11.3	1	25,396,000	1	481.0	0.348	1	163.6	1.00
002535	CSM001	08/19/96	13	112.2	1	181.8	11.2	1	25,450,000	1	474.0	0.349	1	162.5	1.00
002535	CSM001	08/19/96	14	106.2	1	183.7	11.1	1	25,091,000	1	442.3	0.356	1	158.8	1.00
002535	CSM001	08/19/96	15	116.3	1	184.2	11.1	1	25,487,000	1	492.0	0.357	1	161.3	1.00
002535	CSM001	08/19/96	16	106.2	1	182.6	11.1	1	25,289,000	1	445.8	0.354	1	160.0	1.00
002535	CSM001	08/19/96	17	119.5	1	182.6	11.3	1	25,446,000	1	504.8	0.347	1	163.9	1.00
002535	CSM001	08/19/96	18	116.6	1	178.0	11.2	1	25,559,000	1	494.7	0.342	1	163.2	1.00
002535	CSM001	08/19/96	19	117.2	1	179.5	11.1	1	25,516,000	1	496.4	0.348	1	161.4	1.00
002535	CSM001	08/19/96	20	93.6	1	178.7	10.8	1	23,948,000	1	372.1	0.356	1	147.4	1.00
002535	CSM001	08/19/96	21	69.6	1	177.0	10.5	1	22,588,000	1	261.0	0.362	1	135.2	1.00
002535	CSM001	08/19/96	22	105.7	1	180.7	10.9	1	24,836,000	1	435.8	0.356	1	154.3	1.00
002535	CSM001	08/19/96	23	102.1	1	173.7	10.9	1	24,681,000	1	418.3	0.342	1	153.3	1.00
002535	CSM001	08/20/96	0	115.7	1	188.9	11.2	1	25,694,000	1	493.5	0.362	1	164.0	1.00
002535	CSM001	08/20/96	1	112.1	1	194.6	11.2	1	25,424,000	1	473.1	0.373	1	162.3	1.00
002535	CSM001	08/20/96	2	106.5	1	195.1	11.1	1	24,707,000	1	436.8	0.378	1	156.3	1.00
002535	CSM001	08/20/96	3	125.2	1	194.5	11.2	1	25,380,000	1	527.5	0.373	1	162.0	1.00
002535	CSM001	08/20/96	4	109.6	1	193.1	11.1	1	24,724,000	1	449.8	0.374	1	156.4	1.00
002535	CSM001	08/20/96	5	73.7	1	193.6	10.6	1	21,625,000	1	264.6	0.393	1	130.7	1.00
002535	CSM001	08/20/96	6	102.0	1	171.7	10.9	1	23,104,000	1	391.2	0.339	1	143.5	1.00
002535	CSM001	08/20/96	7	121.7	1	188.0	11.1	1	25,504,000	1	515.2	0.364	1	161.4	1.00
002535	CSM001	08/20/96	8	116.0	1	185.0	11.2	1	25,545,000	1	491.9	0.355	1	163.1	1.00
002535	CSM001	08/20/96	9	113.3	1	184.3	11.1	1	25,396,000	1	477.6	0.357	1	160.7	1.00
002535	CSM001	08/20/96	10	116.0	1	163.3	11.2	1	25,066,000	1	482.7	0.313	1	160.0	1.00
002535	CSM001	08/20/96	11	137.2	1	160.1	11.4	1	25,785,000	1	587.3	0.302	1	167.6	1.00
002535	CSM001	08/20/96	12	138.3	1	164.1	11.4	1	26,429,000	1	606.8	0.309	1	171.7	1.00
002535	CSM001	08/20/96	13	150.2	1	166.7	11.3	1	27,521,000	1	686.2	0.317	1	177.3	1.00
002535	CSM001	08/20/96	14	152.9	1	160.4	11.4	1	27,163,000	1	689.4	0.302	1	176.5	1.00
002535	CSM001	08/20/96	15	136.7	1	151.5	11.3	1	25,744,000	1	584.2	0.288	1	165.8	1.00
002535	CSM001	08/20/96	16	137.0	1	158.4	11.1	1	25,081,000	1	570.4	0.307	1	158.7	1.00
002535	CSM001	08/20/96	17	155.1	1	153.3	11.2	1	27,472,000	1	707.3	0.294	1	175.4	1.00
002535	CSM001	08/20/96	18	149.3	1	156.0	11.1	1	27,536,000	1	682.4	0.302	1	174.2	1.00
002535	CSM001	08/20/96	19	155.6	1	155.6	11.4	1	27,275,000	1	704.5	0.293	1	177.2	1.00
002535	CSM001	08/20/96	20	150.0	1	157.2	11.3	1	27,003,000	1	672.4	0.299	1	173.9	1.00
002535	CSM001	08/20/96	21	151.4	1	161.4	11.2	1	26,994,000	1	678.4	0.310	1	172.3	1.00
002535	CSM001	08/20/96	22	160.0	1	167.3	11.3	1	26,997,000	1	717.0	0.318	1	173.9	1.00
002535	CSM001	08/20/96	23	131.5	1	186.1	11.0	1	24,683,000	1	538.8	0.364	1	154.8	1.00
002535	CSM001	08/21/96	0	66.8	1	186.6	10.3	1	20,283,000	1	224.9	0.389	1	119.1	1.00
002535	CSM001	08/21/96	1	70.6	1	187.6	10.4	1	20,032,000	1	234.8	0.388	1	118.7	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM001	08/21/96	2	75.6	1	172.7	10.4	1	20,561,000	1	258.0	0.357	1	121.9	1.00
002535	CSM001	08/21/96	3	72.5	1	174.0	10.4	1	20,682,000	1	248.9	0.360	1	122.6	1.00
002535	CSM001	08/21/96	4	65.2	1	171.1	10.3	1	20,300,000	1	219.7	0.357	1	119.2	1.00
002535	CSM001	08/21/96	5	83.7	1	169.5	10.5	1	21,800,000	1	302.9	0.347	1	130.5	1.00
002535	CSM001	08/21/96	6	139.3	1	180.7	11.4	1	25,819,000	1	597.0	0.341	1	167.8	1.00
002535	CSM001	08/21/96	7	135.8	1	183.4	11.5	1	27,041,000	1	609.6	0.343	1	177.3	1.00
002535	CSM001	08/21/96	8	115.5	1	185.0	11.5	1	27,096,000	1	519.5	0.346	1	177.6	1.00
002535	CSM001	08/21/96	9	111.1	1	186.7	11.5	1	27,216,000	1	501.9	0.349	1	178.4	1.00
002535	CSM001	08/21/96	10	111.3	1	186.2	11.4	1	27,501,000	1	508.1	0.351	1	178.7	1.00
002535	CSM001	08/21/96	11	106.8	1	184.3	11.5	1	27,332,000	1	484.6	0.344	1	179.2	1.00
002535	CSM001	08/21/96	12	114.4	1	186.4	11.5	1	27,382,000	1	520.0	0.348	1	179.5	1.00
002535	CSM001	08/21/96	13	118.7	1	185.0	11.5	1	27,236,000	1	536.7	0.346	1	178.5	1.00
002535	CSM001	08/21/96	14	124.0	1	184.8	11.4	1	27,125,000	1	558.3	0.348	1	176.3	1.00
002535	CSM001	08/21/96	15	132.5	1	187.0	11.4	1	27,412,000	1	602.9	0.353	1	178.1	1.00
002535	CSM001	08/21/96	16	141.5	1	184.8	11.4	1	27,304,000	1	641.3	0.348	1	177.4	1.00
002535	CSM001	08/21/96	17	150.5	1	187.1	11.4	1	27,596,000	1	689.4	0.353	1	179.3	1.00
002535	CSM001	08/21/96	18	149.2	1	186.9	11.4	1	27,475,000	1	680.5	0.352	1	178.5	1.00
002535	CSM001	08/21/96	19	145.5	1	187.9	11.4	1	27,667,000	1	668.2	0.354	1	179.8	1.00
002535	CSM001	08/21/96	20	146.1	1	189.5	11.4	1	27,341,000	1	663.1	0.357	1	177.7	1.00
002535	CSM001	08/21/96	21	126.2	1	185.3	11.3	1	25,617,000	1	536.7	0.352	1	165.0	1.00
002535	CSM001	08/21/96	22	133.2	1	189.8	11.3	1	26,028,000	1	575.5	0.361	1	167.6	1.00
002535	CSM001	08/21/96	23	141.3	1	187.8	11.3	1	27,706,000	1	649.9	0.357	1	178.5	1.00
002535	CSM001	08/22/96	0	132.8	1	182.9	11.3	1	27,644,000	1	609.4	0.348	1	178.1	1.00
002535	CSM001	08/22/96	1	93.9	1	175.3	11.1	1	24,445,000	1	381.0	0.339	1	154.7	1.00
002535	CSM001	08/22/96	2	47.9	1	180.7	10.5	1	20,451,000	1	162.6	0.370	1	122.4	1.00
002535	CSM001	08/22/96	3	54.0	1	181.9	10.4	1	20,468,000	1	183.5	0.376	1	121.3	1.00
002535	CSM001	08/22/96	4	60.3	1	179.8	10.4	1	20,605,000	1	206.3	0.372	1	122.1	1.00
002535	CSM001	08/22/96	5	67.2	1	172.2	10.4	1	21,254,000	1	237.1	0.356	1	126.0	1.00
002535	CSM001	08/22/96	6	91.2	1	173.2	10.8	1	22,398,000	1	339.1	0.345	1	137.9	1.00
002535	CSM001	08/22/96	7	123.8	1	175.1	11.3	1	24,159,000	1	496.5	0.333	1	155.6	1.00
002535	CSM001	08/22/96	8	135.0	1	186.7	11.4	1	25,890,000	1	580.2	0.352	1	168.2	1.00
002535	CSM001	08/22/96	9	134.6	1	184.7	11.5	1	27,264,000	1	609.2	0.345	1	178.7	1.00
002535	CSM001	08/22/96	10	131.1	1	190.0	11.5	1	27,357,000	1	595.4	0.355	1	179.3	1.00
002535	CSM001	08/22/96	11	134.8	1	190.8	11.5	1	27,471,000	1	614.7	0.357	1	180.1	1.00
002535	CSM001	08/22/96	12	137.2	1	190.1	11.5	1	27,344,000	1	622.8	0.355	1	179.2	1.00
002535	CSM001	08/22/96	13	132.3	1	186.9	11.5	1	26,081,000	1	572.8	0.349	1	171.0	1.00
002535	CSM001	08/22/96	14	137.9	1	186.0	11.4	1	26,858,000	1	614.8	0.351	1	174.5	1.00
002535	CSM001	08/22/96	15	153.2	1	185.9	11.5	1	26,747,000	1	680.2	0.347	1	175.3	1.00
002535	CSM001	08/22/96	16	168.4	1	189.6	11.4	1	27,327,000	1	763.9	0.357	1	177.6	1.00
002535	CSM001	08/22/96	17	169.9	1	193.6	11.4	1	27,315,000	1	770.4	0.365	1	177.5	1.00
002535	CSM001	08/22/96	18	156.7	1	193.2	11.4	1	27,343,000	1	711.3	0.364	1	177.7	1.00
002535	CSM001	08/22/96	19	156.1	1	193.3	11.4	1	27,437,000	1	711.0	0.364	1	178.3	1.00
002535	CSM001	08/22/96	20	141.2	1	186.4	11.3	1	26,171,000	1	613.4	0.355	1	168.6	1.00
002535	CSM001	08/22/96	21	77.0	1	179.9	10.5	1	20,730,000	1	265.0	0.368	1	124.1	1.00
002535	CSM001	08/22/96	22	90.6	1	189.3	10.6	1	21,337,000	1	320.9	0.384	1	128.9	1.00
002535	CSM001	08/22/96	23	93.9	1	191.8	10.6	1	21,901,000	1	341.4	0.389	1	132.3	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM001	08/23/96	0	139.0	1	192.4	11.1	1	24,248,000	1	559.5	0.373	1	153.4	1.00
002535	CSM001	08/23/96	1	140.8	1	190.5	11.2	1	24,537,000	1	573.5	0.366	1	156.6	1.00
002535	CSM001	08/23/96	2	137.7	1	196.7	11.2	1	24,506,000	1	560.2	0.377	1	156.4	1.00
002535	CSM001	08/23/96	3	157.3	1	202.1	11.3	1	26,324,000	1	687.4	0.384	1	169.6	1.00
002535	CSM001	08/23/96	4	113.2	1	186.8	11.0	1	24,281,000	1	456.3	0.365	1	152.2	1.00
002535	CSM001	08/23/96	5	69.3	1	188.6	10.4	1	20,821,000	1	239.5	0.390	1	123.4	1.00
002535	CSM001	08/23/96	6	72.0	1	192.8	10.4	1	20,430,000	1	244.2	0.398	1	121.1	1.00
002535	CSM001	08/23/96	7	71.2	1	186.1	10.3	1	20,648,000	1	244.0	0.388	1	121.2	1.00
002535	CSM001	08/23/96	8	67.3	1	192.4	10.3	1	20,658,000	1	230.8	0.401	1	121.3	1.00
002535	CSM001	08/23/96	9	118.1	1	198.1	10.9	1	24,092,000	1	472.3	0.391	1	149.7	1.00
002535	CSM001	08/23/96	10	155.9	1	201.6	11.3	1	27,316,000	1	706.9	0.383	1	175.9	1.00
002535	CSM001	08/23/96	11	147.6	1	196.5	11.4	1	27,183,000	1	666.0	0.370	1	176.6	1.00
002535	CSM001	08/23/96	12	151.9	1	194.6	11.3	1	27,490,000	1	693.2	0.370	1	177.1	1.00
002535	CSM001	08/23/96	13	156.1	1	185.0	11.3	1	27,233,000	1	705.7	0.352	1	175.4	1.00
002535	CSM001	08/23/96	14	130.9	1	192.4	11.1	1	24,962,000	1	542.4	0.373	1	157.9	1.00
002535	CSM001	08/23/96	15	67.8	1	202.4	10.4	1	20,093,000	1	226.1	0.418	1	119.1	1.00
002535	CSM001	08/23/96	16	65.5	1	192.0	10.3	1	20,378,000	1	221.6	0.401	1	119.6	1.00
002535	CSM001	08/23/96	17	54.7	1	191.7	10.2	1	20,283,000	1	184.2	0.404	1	117.9	1.00
002535	CSM001	08/23/96	18	59.4	1	192.2	10.3	1	20,249,000	1	199.7	0.401	1	118.9	1.00
002535	CSM001	08/23/96	19	88.1	1	190.4	10.5	1	22,224,000	1	325.0	0.390	1	133.0	1.00
002535	CSM001	08/23/96	20	54.1	1	186.2	10.3	1	20,267,000	1	182.0	0.389	1	119.0	1.00
002535	CSM001	08/23/96	21	87.0	1	192.2	10.7	1	22,672,000	1	327.4	0.386	1	138.3	1.00
002535	CSM001	08/23/96	22	122.4	1	184.9	11.1	1	25,822,000	1	524.7	0.358	1	163.4	1.00
002535	CSM001	08/23/96	23	55.4	1	176.2	10.3	1	20,752,000	1	190.8	0.368	1	121.8	1.00
002535	CSM001	08/24/96	0	63.3	1	186.4	10.3	1	21,481,000	1	225.7	0.389	1	126.1	1.00
002535	CSM001	08/24/96	1	61.5	1	187.4	10.2	1	21,059,000	1	215.0	0.395	1	122.4	1.00
002535	CSM001	08/24/96	2	130.0	1	194.6	10.8	1	24,805,000	1	535.3	0.387	1	152.7	1.00
002535	CSM001	08/24/96	3	111.9	1	180.0	10.9	1	23,527,000	1	437.0	0.355	1	146.2	1.00
002535	CSM001	08/24/96	4	70.5	1	193.3	10.6	1	20,718,000	1	242.5	0.392	1	125.2	1.00
002535	CSM001	08/24/96	5	68.5	1	194.2	10.5	1	20,912,000	1	237.8	0.397	1	125.2	1.00
002535	CSM001	08/24/96	6	80.3	1	194.8	10.6	1	20,310,000	1	270.7	0.395	1	122.7	1.00
002535	CSM001	08/24/96	7	100.6	1	190.8	10.3	1	19,354,000	1	323.2	0.398	1	113.6	1.00
002535	CSM001	08/24/96	8	51.2	1	176.0	9.4	1	17,303,000	1	147.1	0.402	1	92.7	1.00
002535	CSM001	08/24/96	9	35.3	1	170.0	9.6	1	15,857,000	1	92.9	0.381	1	86.8	1.00
002535	CSM001	08/24/96	10	39.4	1	168.8	9.6	1	16,328,000	1	106.8	0.378	1	89.3	1.00
002535	CSM001	08/24/96	11	44.4	1	168.3	9.7	1	16,394,000	1	120.8	0.373	1	90.6	1.00
002535	CSM001	08/24/96	12	78.8	1	165.1	10.1	1	17,556,000	1	229.6	0.351	1	101.1	1.00
002535	CSM001	08/24/96	13	94.0	1	165.0	10.0	1	18,483,000	1	288.4	0.355	1	105.4	1.00
002535	CSM001	08/24/96	14	68.2	1	171.0	9.4	1	16,928,000	1	191.6	0.391	1	90.7	1.00
002535	CSM001	08/24/96	15	98.5	1	180.1	10.2	1	17,545,000	1	286.9	0.379	1	102.0	1.00
002535	CSM001	08/24/96	16	104.7	1	183.9	10.1	1	18,480,000	1	321.2	0.391	1	106.4	1.00
002535	CSM001	08/24/96	17	58.8	1	185.6	9.5	1	16,645,000	1	162.5	0.420	1	90.1	1.00
002535	CSM001	08/24/96	18	55.1	1	178.3	9.9	1	15,813,000	1	144.6	0.387	1	89.2	1.00
002535	CSM001	08/24/96	19	112.2	1	174.4	10.3	1	18,803,000	1	350.2	0.364	1	110.4	1.00
002535	CSM001	08/24/96	20	69.5	1	176.4	9.5	1	17,336,000	1	200.0	0.399	1	93.9	1.00
002535	CSM001	08/24/96	21	54.1	1	170.8	9.6	1	16,024,000	1	143.9	0.382	1	87.7	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM001	08/24/96	22	67.0	1	167.3	9.8	1	17,017,000	1	189.3	0.367	1	95.1	1.00
002535	CSM001	08/24/96	23	50.3	1	170.6	9.6	1	16,339,000	1	136.4	0.382	1	89.4	1.00
002535	CSM001	08/25/96	0	74.5	1	166.9	10.1	1	17,201,000	1	212.7	0.355	1	99.0	1.00
002535	CSM001	08/25/96	1	81.5	1	173.2	10.1	1	18,225,000	1	246.6	0.369	1	104.9	1.00
002535	CSM001	08/25/96	2	60.3	1	173.3	9.6	1	17,104,000	1	171.2	0.388	1	93.6	1.00
002535	CSM001	08/25/96	3	64.4	1	169.6	9.8	1	16,781,000	1	179.4	0.372	1	93.7	1.00
002535	CSM001	08/25/96	4	52.1	1	173.4	9.7	1	16,132,000	1	139.5	0.384	1	89.2	1.00
002535	CSM001	08/25/96	5	53.1	1	175.0	9.6	1	16,248,000	1	143.2	0.392	1	88.9	1.00
002535	CSM001	08/25/96	6	58.0	1	177.6	9.7	1	16,002,000	1	154.1	0.394	1	88.5	1.00
002535	CSM001	08/25/96	7	52.2	1	172.7	9.8	1	16,101,000	1	139.5	0.379	1	89.9	1.00
002535	CSM001	08/25/96	8	46.6	1	172.9	9.6	1	15,801,000	1	122.2	0.387	1	86.5	1.00
002535	CSM001	08/25/96	9	44.4	1	171.6	9.7	1	15,832,000	1	116.7	0.380	1	87.5	1.00
002535	CSM001	08/25/96	10	43.1	1	172.0	9.6	1	15,771,000	1	112.8	0.385	1	86.3	1.00
002535	CSM001	08/25/96	11	49.9	1	170.0	9.6	1	15,976,000	1	132.3	0.381	1	87.4	1.00
002535	CSM001	08/25/96	12	48.1	1	171.3	9.6	1	15,601,000	1	124.6	0.383	1	85.4	1.00
002535	CSM001	08/25/96	13	47.7	1	169.6	9.7	1	15,370,000	1	121.7	0.376	1	85.0	1.00
002535	CSM001	08/25/96	14	51.3	1	169.3	9.6	1	15,822,000	1	134.7	0.379	1	86.6	1.00
002535	CSM001	08/25/96	15	57.3	1	167.1	9.8	1	15,992,000	1	152.1	0.366	1	89.3	1.00
002535	CSM001	08/25/96	16	89.5	1	173.4	10.3	1	17,968,000	1	267.0	0.362	1	105.5	1.00
002535	CSM001	08/25/96	17	66.6	1	174.0	9.7	1	17,395,000	1	192.3	0.386	1	96.2	1.00
002535	CSM001	08/25/96	18	84.3	1	173.5	10.2	1	17,448,000	1	244.2	0.366	1	101.4	1.00
002535	CSM001	08/25/96	19	129.0	1	181.8	10.4	1	20,397,000	1	436.8	0.376	1	120.9	1.00
002535	CSM001	08/25/96	20	55.7	1	178.3	9.7	1	17,301,000	1	160.0	0.395	1	95.7	1.00
002535	CSM001	08/25/96	21	44.9	1	169.4	9.7	1	15,840,000	1	118.1	0.375	1	87.6	1.00
002535	CSM001	08/25/96	22	47.3	1	171.4	9.6	1	15,861,000	1	124.5	0.384	1	86.8	1.00
002535	CSM001	08/25/96	23	78.7	1	165.4	10.1	1	17,642,000	1	230.5	0.352	1	101.6	1.00
002535	CSM001	08/26/96	0	67.6	1	167.3	9.9	1	17,825,000	1	200.0	0.363	1	100.6	1.00
002535	CSM001	08/26/96	1	76.2	1	171.1	10.0	1	18,186,000	1	230.0	0.368	1	103.7	1.00
002535	CSM001	08/26/96	2	62.3	1	176.6	9.6	1	17,467,000	1	180.6	0.395	1	95.6	1.00
002535	CSM001	08/26/96	3	57.9	1	168.2	9.8	1	17,121,000	1	164.6	0.369	1	95.6	1.00
002535	CSM001	08/26/96	4	48.5	1	171.5	9.4	1	16,789,000	1	135.2	0.392	1	90.0	1.00
002535	CSM001	08/26/96	5	37.7	1	166.6	9.6	1	15,653,000	1	98.0	0.373	1	85.7	1.00
002535	CSM001	08/26/96	6	51.9	1	171.2	9.8	1	15,854,000	1	136.6	0.375	1	88.6	1.00
002535	CSM001	08/26/96	7	39.8	1	174.0	9.6	1	15,657,000	1	103.4	0.390	1	85.7	1.00
002535	CSM001	08/26/96	8	71.4	1	153.2	10.3	1	17,419,000	1	206.5	0.320	1	102.3	1.00
002535	CSM001	08/26/96	9	119.3	1	180.9	10.6	1	20,574,000	1	407.4	0.367	1	124.3	1.00
002535	CSM001	08/26/96	10	166.3	1	185.1	10.9	1	22,751,000	1	628.1	0.365	1	141.4	1.00
002535	CSM001	08/26/96	11	242.3	1	189.2	11.5	1	25,685,000	1	1033.1	0.354	1	168.4	1.00
002535	CSM001	08/26/96	12	62.5	1	200.5	11.6	1	25,619,000	1	691.1	0.371	1	169.4	1.00
002535	CSM001	08/26/96	13	67.9	1	193.1	10.9	1	21,050,000	1	237.3	0.381	1	130.8	1.00
002535	CSM001	08/26/96	14	61.3	1	195.6	10.6	1	20,364,000	1	207.2	0.397	1	123.0	1.00
002535	CSM001	08/26/96	15	127.6	1	193.4	10.8	1	21,382,000	1	452.9	0.385	1	131.6	1.00
002535	CSM001	08/26/96	16	105.0	1	190.5	10.6	1	19,993,000	1	348.5	0.386	1	120.8	1.00
002535	CSM001	08/26/96	17	111.9	1	192.2	10.5	1	20,202,000	1	375.3	0.393	1	120.9	1.00
002535	CSM001	08/26/96	18	153.7	1	189.5	10.9	1	23,100,000	1	589.4	0.374	1	143.5	1.00
002535	CSM001	08/26/96	19	213.5	1	189.7	11.5	1	27,144,000	1	982.0	0.355	1	177.9	1.00

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002535	CSM001	08/26/96	20	132.5	1	185.8	11.1	1	23,055,000	1	507.1	0.360	1	145.9	1.00
002535	CSM001	08/26/96	21	108.7	1	198.6	10.8	1	20,490,000	1	369.7	0.395	1	126.1	1.00
002535	CSM001	08/26/96	22	132.0	1	199.4	11.0	1	21,639,000	1	474.2	0.390	1	135.7	1.00
002535	CSM001	08/26/96	23	176.1	1	195.0	11.3	1	23,862,000	1	697.5	0.371	1	153.7	1.00
002535	CSM001	08/27/96	0	122.5	1	181.2	11.4	1	25,410,000	1	516.7	0.342	1	165.1	1.00
002535	CSM001	08/27/96	1	79.6	1	213.5	11.3	1	24,817,000	1	327.9	0.406	1	159.8	1.00
002535	CSM001	08/27/96	2	75.0	1	203.8	10.9	1	23,628,000	1	294.2	0.402	1	146.8	1.00
002535	CSM001	08/27/96	3	93.5	1	193.8	11.1	1	24,883,000	1	386.2	0.375	1	157.4	1.00
002535	CSM001	08/27/96	4	84.9	1	186.6	11.1	1	24,775,000	1	349.2	0.361	1	156.8	1.00
002535	CSM001	08/27/96	5	34.2	1	194.6	10.5	1	20,425,000	1	116.0	0.398	1	122.2	1.00
002535	CSM001	08/27/96	6	52.7	1	199.6	10.8	1	20,269,000	1	177.3	0.397	1	124.8	1.00
002535	CSM001	08/27/96	7	55.2	1	207.2	10.6	1	20,545,000	1	188.3	0.420	1	124.1	1.00
002535	CSM001	08/27/96	8	44.4	1	196.2	10.6	1	19,915,000	1	146.8	0.398	1	120.3	1.00
002535	CSM001	08/27/96	9	48.5	1	190.1	10.5	1	20,360,000	1	163.9	0.389	1	121.9	1.00
002535	CSM001	08/27/96	10	59.1	1	186.9	10.4	1	20,898,000	1	205.0	0.386	1	123.9	1.00
002535	CSM001	08/27/96	11	94.3	1	187.1	10.7	1	24,071,000	1	376.8	0.376	1	146.8	1.00
002535	CSM001	08/27/96	12	113.8	1	187.3	11.2	1	25,579,000	1	483.2	0.359	1	163.3	1.00
002535	CSM001	08/27/96	13	96.6	1	196.1	11.2	1	24,137,000	1	387.1	0.376	1	154.1	1.00
002535	CSM001	08/27/96	14	136.4	1	201.2	11.4	1	26,320,000	1	595.9	0.379	1	171.0	1.00
002535	CSM001	08/27/96	15	134.5	1	205.7	11.4	1	27,324,000	1	610.1	0.388	1	177.6	1.00
002535	CSM001	08/27/96	16	132.1	1	200.1	11.4	1	27,267,000	1	597.9	0.377	1	172.4	1.00
002535	CSM001	08/27/96	17	126.2	1	190.7	11.4	1	26,679,000	1	558.9	0.360	1	173.4	1.00
002535	CSM001	08/27/96	18	123.7	1	189.0	11.4	1	26,533,000	1	544.8	0.356	1	172.4	1.00
002535	CSM001	08/27/96	19	133.5	1	212.9	11.4	1	27,119,000	1	601.0	0.401	1	176.2	1.00
002535	CSM001	08/27/96	20	87.3	1	199.8	11.2	1	23,199,000	1	336.2	0.393	1	148.1	1.00
002535	CSM001	08/27/96	21	82.5	1	203.2	11.0	1	22,587,000	1	309.3	0.397	1	141.6	1.00
002535	CSM001	08/27/96	22	76.0	1	193.7	11.1	1	21,949,000	1	276.9	0.375	1	138.9	1.00
002535	CSM001	08/27/96	23	97.5	1	197.4	11.1	1	23,998,000	1	388.4	0.382	1	151.8	1.00
002535	CSM001	08/28/96	0	100.2	1	184.4	10.6	1	22,930,000	1	263.4	0.391	1	138.5	1.00
002535	CSM001	08/28/96	1	51.2	1	185.5	10.4	1	25,484,000	1	423.9	0.360	1	159.8	1.00
002535	CSM001	08/28/96	2	47.2	1	187.0	10.3	1	20,999,000	1	178.5	0.383	1	124.5	1.00
002535	CSM001	08/28/96	3	50.2	1	186.5	10.3	1	20,610,000	1	161.5	0.390	1	121.0	1.00
002535	CSM001	08/28/96	4	48.1	1	183.4	10.2	1	20,957,000	1	174.6	0.389	1	123.0	1.00
002535	CSM001	08/28/96	5	57.4	1	183.2	10.6	1	20,467,000	1	163.4	0.386	1	119.0	1.00
002535	CSM001	08/28/96	6	54.5	1	180.9	10.5	1	19,699,000	1	187.7	0.371	1	119.0	1.00
002535	CSM001	08/28/96	7	52.5	1	182.8	10.4	1	20,192,000	1	182.7	0.370	1	120.8	1.00
002535	CSM001	08/28/96	8	55.6	1	185.7	10.5	1	20,151,000	1	175.6	0.378	1	119.5	1.00
002535	CSM001	08/28/96	9	62.0	1	186.9	10.6	1	20,542,000	1	189.6	0.380	1	122.9	1.00
002535	CSM001	08/28/96	10	74.2	1	187.5	10.7	1	21,092,000	1	217.1	0.379	1	127.4	1.00
002535	CSM001	08/28/96	11	130.1	1	197.2	11.3	1	21,450,000	1	264.2	0.377	1	130.8	1.00
002535	CSM001	08/28/96	12	122.8	1	207.7	11.5	1	24,959,000	1	539.0	0.375	1	160.8	1.00
002535	CSM001	08/28/96	13	69.0	1	200.0	10.9	1	26,383,000	1	537.8	0.388	1	172.9	1.00
002535	CSM001	08/28/96	14	84.4	1	204.0	10.9	1	23,178,000	1	265.5	0.394	1	144.0	1.00
002535	CSM001	08/28/96	15	55.0	1	194.2	10.6	1	23,524,000	1	329.6	0.402	1	146.2	1.00
002535	CSM001	08/28/96	16	72.8	1	203.8	10.7	1	21,117,000	1	192.8	0.394	1	127.6	1.00
002535	CSM001	08/28/96	17		1			1	22,095,000	1	267.0	0.409	1	134.8	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM001	08/28/96	18	119.5	1	210.8	11.2	1	25,461,000	1	505.1	0.405	1	162.5	1.00
002535	CSM001	08/28/96	19	127.0	1	212.8	11.4	1	27,245,000	1	574.4	0.401	1	177.0	1.00
002535	CSM001	08/28/96	20	109.6	1	208.3	11.3	1	26,586,000	1	483.7	0.396	1	171.2	1.00
002535	CSM001	08/28/96	21	78.4	1	197.5	11.0	1	23,513,000	1	306.0	0.386	1	147.4	1.00
002535	CSM001	08/28/96	22	42.7	1	190.2	10.4	1	20,502,000	1	145.3	0.393	1	121.5	1.00
002535	CSM001	08/28/96	23	92.7	1	190.0	11.0	1	23,737,000	1	365.3	0.371	1	148.8	1.00
002535	CSM001	08/29/96	0	90.8	1	199.7	11.1	1	25,360,000	1	382.2	0.387	1	160.5	1.00
002535	CSM001	08/29/96	1	66.4	1	197.3	11.0	1	22,868,000	1	252.1	0.385	1	143.4	1.00
002535	CSM001	08/29/96	2	43.3	1	187.4	10.7	1	21,143,000	1	152.0	0.376	1	129.0	1.00
002535	CSM001	08/29/96	3	36.1	1	192.7	10.1	1	18,784,000	1	112.6	0.410	1	108.1	1.00
002535	CSM001	08/29/96	4	70.3	1	181.3	10.1	1	18,259,000	1	213.1	0.386	1	105.1	1.00
002535	CSM001	08/29/96	5	50.6	1	166.1	9.7	1	17,131,000	1	143.9	0.368	1	94.7	1.00
002535	CSM001	08/29/96	6	54.4	1	165.2	9.8	1	16,171,000	1	146.0	0.362	1	90.3	1.00
002535	CSM001	08/29/96	7	60.8	1	167.8	10.0	1	16,589,000	1	167.4	0.361	1	94.6	1.00
002535	CSM001	08/29/96	8	114.1	1	196.4	10.4	1	20,983,000	1	397.4	0.406	1	124.4	1.00
002535	CSM001	08/29/96	9	121.4	1	198.2	10.5	1	21,150,000	1	426.2	0.406	1	126.6	1.00
002535	CSM001	08/29/96	10	146.0	1	198.9	10.7	1	22,219,000	1	538.5	0.400	1	135.5	1.00
002535	CSM001	08/29/96	11	181.7	1	203.0	10.9	1	23,520,000	1	709.4	0.400	1	146.1	1.00
002535	CSM001	08/29/96	12	197.1	1	201.6	11.3	1	24,745,000	1	809.6	0.383	1	159.4	1.00
002535	CSM001	08/29/96	13	138.0	1	196.8	11.1	1	24,189,000	1	554.1	0.381	1	153.0	1.00
002535	CSM001	08/29/96	14	121.7	1	201.5	11.1	1	24,191,000	1	488.7	0.390	1	153.1	1.00
002535	CSM001	08/29/96	15	111.0	1	200.7	11.1	1	24,179,000	1	445.5	0.389	1	153.0	1.00
002535	CSM001	08/29/96	16	57.4	1	194.2	10.7	1	21,967,000	1	209.3	0.390	1	134.0	1.00
002535	CSM001	08/29/96	17	82.0	1	197.2	10.9	1	24,408,000	1	332.2	0.389	1	151.6	1.00
002535	CSM001	08/29/96	18	96.4	1	197.4	11.3	1	25,843,000	1	413.6	0.375	1	166.5	1.00
002535	CSM001	08/29/96	19	99.2	1	202.5	11.4	1	26,217,000	1	431.7	0.382	1	170.4	1.00
002535	CSM001	08/29/96	20	65.2	1	188.7	11.1	1	24,263,000	1	262.6	0.365	1	153.5	1.00
002535	CSM001	08/29/96	21	108.6	1	193.7	11.0	1	23,726,000	1	427.7	0.378	1	148.8	1.00
002535	CSM001	08/29/96	22	104.5	1	199.2	10.9	1	22,273,000	1	386.4	0.393	1	138.4	1.00
002535	CSM001	08/29/96	23	85.2	1	198.3	10.7	1	21,009,000	1	297.1	0.402	1	128.1	1.00
002535	CSM001	08/30/96	0	96.5	1	190.1	10.6	1	21,307,000	1	341.3	0.402	1	128.7	1.00
002535	CSM001	08/30/96	1	99.2	1	190.8	10.5	1	20,691,000	1	340.7	0.389	1	123.8	1.00
002535	CSM001	08/30/96	2	101.2	1	191.5	10.5	1	20,486,000	1	344.1	0.391	1	122.6	1.00
002535	CSM001	08/30/96	3	107.0	1	192.6	10.5	1	20,547,000	1	365.0	0.392	1	123.0	1.00
002535	CSM001	08/30/96	4	109.5	1	191.5	10.5	1	20,578,000	1	374.0	0.394	1	123.2	1.00
002535	CSM001	08/30/96	5	109.3	1	193.2	10.4	1	20,482,000	1	371.6	0.399	1	121.4	1.00
002535	CSM001	08/30/96	6	133.2	1	195.8	10.6	1	20,566,000	1	454.7	0.397	1	124.3	1.00
002535	CSM001	08/30/96	7	122.5	1	190.3	10.5	1	20,638,000	1	419.7	0.390	1	123.5	1.00
002535	CSM001	08/30/96	8	130.6	1	189.6	10.4	1	20,585,000	1	446.3	0.392	1	122.0	1.00
002535	CSM001	08/30/96	9	125.6	1	188.3	10.6	1	20,469,000	1	426.8	0.382	1	123.7	1.00
002535	CSM001	08/30/96	10	190.0	1	188.2	11.0	1	23,684,000	1	747.0	0.368	1	148.5	1.00
002535	CSM001	08/30/96	11	103.6	1	188.7	10.8	1	21,120,000	1	363.2	0.376	1	130.0	1.00
002535	CSM001	08/30/96	12	100.7	1	191.3	10.6	1	22,110,000	1	369.6	0.388	1	133.6	1.00
002535	CSM001	08/30/96	13	100.5	1	187.0	10.8	1	22,030,000	1	367.5	0.372	1	135.6	1.00
002535	CSM001	08/30/96	14	147.0	1	186.8	10.9	1	23,140,000	1	564.7	0.368	1	143.8	1.00
002535	CSM001	08/30/96	15	160.2	1	184.7	10.9	1	22,665,000	1	602.7	0.364	1	140.8	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM001	08/30/96	16	116.8	1	180.6	10.7	1	21,266,000	1	412.3	0.363	1	129.7	1.00
002535	CSM001	08/30/96	17	163.0	1	189.1	10.8	1	22,742,000	1	615.4	0.376	1	140.0	1.00
002535	CSM001	08/30/96	18	144.1	1	185.5	10.7	1	21,863,000	1	523.0	0.373	1	133.3	1.00
002535	CSM001	08/30/96	19	161.9	1	185.7	11.0	1	22,845,000	1	614.0	0.363	1	143.2	1.00
002535	CSM001	08/30/96	20	106.2	1	189.7	10.5	1	20,745,000	1	365.7	0.388	1	124.2	1.00
002535	CSM001	08/30/96	21	116.9	1	186.1	10.6	1	21,611,000	1	419.4	0.377	1	130.6	1.00
002535	CSM001	08/30/96	22	136.0	1	187.8	10.6	1	22,969,000	1	518.5	0.381	1	138.8	1.00
002535	CSM001	08/30/96	23	109.9	1	192.5	10.7	1	22,239,000	1	405.7	0.387	1	135.6	1.00
002535	CSM001	08/31/96	0	88.8	1	195.4	10.5	1	21,305,000	1	314.1	0.400	1	127.5	1.00
002535	CSM001	08/31/96	1	91.8	1	194.9	10.5	1	21,734,000	1	331.2	0.399	1	130.1	1.00
002535	CSM001	08/31/96	2	91.4	1	193.5	10.5	1	21,244,000	1	322.3	0.396	1	127.1	1.00
002535	CSM001	08/31/96	3	90.2	1	196.9	10.5	1	20,405,000	1	305.5	0.403	1	122.1	1.00
002535	CSM001	08/31/96	4	88.7	1	196.9	10.4	1	20,536,000	1	302.4	0.407	1	121.7	1.00
002535	CSM001	08/31/96	5	113.7	1	197.3	10.4	1	20,397,000	1	264.1	0.408	1	120.9	1.00
002535	CSM001	08/31/96	6	133.0	1	201.1	10.8	1	21,114,000	1	398.5	0.400	1	130.0	1.00
002535	CSM001	08/31/96	7	116.1	1	198.1	10.8	1	22,078,000	1	501.5	0.394	1	139.8	1.00
002535	CSM001	08/31/96	8	79.9	1	195.4	10.7	1	22,078,000	1	425.5	0.392	1	134.7	1.00
002535	CSM001	08/31/96	9	76.9	1	200.1	10.6	1	20,432,000	1	260.8	0.406	1	123.5	1.00
002535	CSM001	08/31/96	10	84.3	1	196.2	10.5	1	20,500,000	1	271.9	0.402	1	122.7	1.00
002535	CSM001	08/31/96	11	95.8	1	194.5	10.5	1	20,584,000	1	328.7	0.398	1	123.2	1.00
002535	CSM001	08/31/96	12	109.3	1	186.5	10.5	1	20,475,000	1	371.5	0.385	1	122.7	1.00
002535	CSM001	08/31/96	13	133.3	1	188.0	10.5	1	20,506,000	1	453.8	0.385	1	122.5	1.00
002535	CSM001	08/31/96	14	166.8	1	190.4	10.5	1	20,656,000	1	571.9	0.390	1	123.6	1.00
002535	CSM001	08/31/96	15	178.7	1	188.9	10.6	1	20,658,000	1	612.8	0.389	1	123.6	1.00
002535	CSM001	08/31/96	16	183.6	1	186.7	10.6	1	21,044,000	1	641.4	0.383	1	127.1	1.00
002535	CSM001	08/31/96	17	154.5	1	186.7	10.6	1	21,005,000	1	538.7	0.379	1	126.9	1.00
002535	CSM001	08/31/96	18	155.1	1	186.6	10.4	1	20,492,000	1	527.6	0.386	1	121.5	1.00
002535	CSM001	08/31/96	19	174.0	1	164.8	9.8	1	17,573,000	1	507.6	0.361	1	98.2	1.00
002535	CSM001	08/31/96	20	117.4	1	104.1	6.2	1	3,830,000	1	74.6	0.361	1	13.5	0.25
002535	CSM001	09/03/96	0	85.5	1	165.8	9.9	1	15,101,000	1	214.3	0.360	1	85.2	0.75
002535	CSM001	09/03/96	1	118.9	1	168.1	10.0	1	18,912,000	1	373.3	0.361	1	107.8	1.00
002535	CSM001	09/03/96	2	125.5	1	167.1	9.9	1	18,533,000	1	386.1	0.363	1	104.6	1.00
002535	CSM001	09/03/96	3	155.3	1	167.6	10.0	1	18,847,000	1	485.9	0.360	1	107.4	1.00
002535	CSM001	09/03/96	4	120.4	1	168.1	9.8	1	18,078,000	1	361.3	0.369	1	101.0	1.00
002535	CSM001	09/03/96	5	65.5	1	169.5	9.4	1	16,262,000	1	176.8	0.388	1	87.1	1.00
002535	CSM001	09/03/96	6	67.1	1	170.1	9.7	1	16,136,000	1	179.7	0.377	1	89.2	1.00
002535	CSM001	09/03/96	7	64.4	1	167.7	9.6	1	16,141,000	1	172.6	0.375	1	88.3	1.00
002535	CSM001	09/03/96	8	127.0	1	167.4	9.9	1	17,120,000	1	360.9	0.363	1	96.6	1.00
002535	CSM001	09/03/96	9	199.9	1	175.1	10.4	1	20,012,000	1	664.1	0.362	1	118.6	1.00
002535	CSM001	09/03/96	10	182.3	1	189.6	10.6	1	19,855,000	1	600.8	0.384	1	120.0	1.00
002535	CSM001	09/03/96	11	200.7	1	197.8	10.8	1	20,741,000	1	691.0	0.394	1	127.7	1.00
002535	CSM001	09/03/96	12	188.4	1	187.5	10.8	1	20,418,000	1	638.6	0.373	1	125.7	1.00
002535	CSM001	09/03/96	13	165.3	1	184.0	10.6	1	19,763,000	1	542.3	0.373	1	119.4	1.00
002535	CSM001	09/03/96	14	269.9	1	190.8	11.1	1	22,259,000	1	997.3	0.369	1	140.8	1.00
002535	CSM001	09/03/96	15	306.8	1	188.2	11.3	1	22,966,000	1	1169.6	0.358	1	147.9	1.00

Miliken DOE Data Reporting

ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM001	09/03/96	16	288.4	1	186.2	11.4	1	22,958,000	1	1099.1	0.351	1	149.2	1.00
002535	CSM001	09/03/96	17	280.9	1	186.4	11.4	1	22,997,000	1	1072.3	0.351	1	149.4	1.00
002535	CSM001	09/03/96	18	279.7	1	186.4	11.4	1	23,010,000	1	1068.4	0.351	1	149.5	1.00
002535	CSM001	09/03/96	19	288.5	1	187.1	11.3	1	23,053,000	1	1104.0	0.356	1	148.5	1.00
002535	CSM001	09/03/96	20	288.4	1	187.1	11.3	1	23,150,000	1	1108.3	0.356	1	149.1	1.00
002535	CSM001	09/03/96	21	287.2	1	186.8	11.3	1	22,948,000	1	1094.1	0.355	1	147.8	1.00
002535	CSM001	09/03/96	22	245.7	1	191.9	11.0	1	21,556,000	1	879.2	0.375	1	135.2	1.00
002535	CSM001	09/03/96	23	333.2	1	202.5	11.2	1	23,779,000	1	1315.2	0.389	1	151.8	1.00
002535	CSM001	09/04/96	0	402.9	1	200.1	11.5	1	26,526,000	1	1774.1	0.374	1	173.9	1.00
002535	CSM001	09/04/96	1	414.1	1	204.2	11.4	1	26,456,000	1	1818.6	0.385	1	171.9	1.00
002535	CSM001	09/04/96	2	396.4	1	196.8	11.4	1	24,827,000	1	1633.7	0.371	1	161.3	1.00
002535	CSM001	09/04/96	3	282.7	1	192.4	11.1	1	22,802,000	1	1070.1	0.373	1	144.3	1.00
002535	CSM001	09/04/96	4	406.8	1	197.6	11.4	1	26,017,000	1	1756.9	0.373	1	169.1	1.00
002535	CSM001	09/04/96	5	313.2	1	185.9	11.1	1	23,891,000	1	1242.1	0.360	1	151.2	1.00
002535	CSM001	09/04/96	6	150.6	1	194.9	10.8	1	21,586,000	1	539.6	0.388	1	132.9	1.00
002535	CSM001	09/04/96	7	105.5	1	191.3	10.6	1	21,157,000	1	370.5	0.388	1	127.8	1.00
002535	CSM001	09/04/96	8	277.0	1	184.4	11.3	1	26,235,000	1	1206.3	0.351	1	169.0	1.00
002535	CSM001	09/04/96	9	386.5	1	189.7	11.6	1	27,281,000	1	1750.3	0.351	1	180.4	1.00
002535	CSM001	09/04/96	10	409.5	1	192.1	11.6	1	27,340,000	1	1858.5	0.356	1	180.8	1.00
002535	CSM001	09/04/96	11	298.8	1	188.7	11.6	1	27,329,000	1	1355.5	0.350	1	180.7	1.00
002535	CSM001	09/04/96	12	279.9	1	180.6	11.6	1	27,128,000	1	1260.5	0.335	1	179.4	1.00
002535	CSM001	09/04/96	13	262.5	1	180.9	11.6	1	27,169,000	1	1183.9	0.335	1	179.6	1.00
002535	CSM001	09/04/96	14	261.2	1	190.4	11.5	1	27,521,000	1	1193.3	0.356	1	180.4	1.00
002535	CSM001	09/04/96	15	268.4	1	192.3	11.4	1	27,382,000	1	1220.0	0.363	1	177.9	1.00
002535	CSM001	09/04/96	16	275.6	1	192.4	11.4	1	27,632,000	1	1264.2	0.363	1	179.6	1.00
002535	CSM001	09/04/96	17	282.0	1	192.2	11.4	1	27,530,000	1	1288.7	0.362	1	178.9	1.00
002535	CSM001	09/04/96	18	272.3	1	193.1	11.4	1	27,739,000	1	1253.9	0.364	1	180.2	1.00
002535	CSM001	09/04/96	19	256.2	1	193.2	11.3	1	27,910,000	1	1187.0	0.367	1	179.8	1.00
002535	CSM001	09/04/96	20	237.0	1	190.0	11.4	1	27,546,000	1	1083.7	0.358	1	179.0	1.00
002535	CSM001	09/04/96	21	156.9	1	180.8	11.1	1	24,791,000	1	645.7	0.350	1	156.9	1.00
002535	CSM001	09/04/96	22	233.7	1	193.7	11.2	1	26,553,000	1	1030.1	0.372	1	169.5	1.00
002535	CSM001	09/04/96	23	261.6	1	188.2	11.3	1	26,307,000	1	1142.4	0.358	1	169.4	1.00
002535	CSM001	09/05/96	0	209.3	1	197.2	11.0	1	24,042,000	1	835.3	0.385	1	150.7	1.00
002535	CSM001	09/05/96	1	278.0	1	203.2	11.5	1	27,399,000	1	1264.4	0.380	1	179.6	1.00
002535	CSM001	09/05/96	2	226.3	1	196.5	11.6	1	26,464,000	1	994.1	0.364	1	175.0	1.00
002535	CSM001	09/05/96	3	202.0	1	199.5	11.4	1	25,728,000	1	862.7	0.376	1	167.2	1.00
002535	CSM001	09/05/96	4	250.5	1	198.5	11.6	1	26,441,000	1	1099.5	0.368	1	174.8	1.00
002535	CSM001	09/05/96	5	253.3	1	201.6	11.6	1	26,966,000	1	1133.9	0.374	1	178.3	1.00
002535	CSM001	09/05/96	6	231.5	1	197.1	11.7	1	25,739,000	1	989.1	0.362	1	171.7	1.00
002535	CSM001	09/05/96	7	259.9	1	201.8	11.5	1	27,309,000	1	1223.5	0.377	1	179.0	1.00
002535	CSM001	09/05/96	8	255.2	1	194.4	11.5	1	27,173,000	1	1151.1	0.363	1	178.1	1.00
002535	CSM001	09/05/96	9	251.7	1	205.3	11.4	1	27,334,000	1	1187.4	0.367	1	177.6	1.00
002535	CSM001	09/05/96	10	264.3	1	202.9	11.5	1	27,288,000	1	1197.2	0.379	1	178.9	1.00
002535	CSM001	09/05/96	11	260.9	1	190.0	11.4	1	27,392,000	1	1186.3	0.358	1	178.0	1.00
002535	CSM001	09/05/96	12	260.4	1	154.5	11.4	1	27,531,000	1	1190.1	0.291	1	178.9	1.00
002535	CSM001	09/05/96	13	273.0	1	164.9	11.4	1	27,492,000	1	1245.9	0.311	1	178.6	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM001	09/05/96	14	279.2	1	168.2	11.4	1	27,732,000	1	1285.3	0.317	1	180.2	1.00
002535	CSM001	09/05/96	15	282.5	1	159.0	11.4	1	27,338,000	1	1282.0	0.300	1	177.6	1.00
002535	CSM001	09/05/96	16	290.6	1	165.0	11.3	1	27,659,000	1	1334.3	0.314	1	178.2	1.00
002535	CSM001	09/05/96	17	291.8	1	157.9	11.3	1	27,376,000	1	1326.1	0.298	1	177.9	1.00
002535	CSM001	09/05/96	18	273.7	1	161.0	11.3	1	27,551,000	1	1251.8	0.306	1	177.5	1.00
002535	CSM001	09/05/96	19	269.6	1	162.9	11.3	1	27,595,000	1	1235.0	0.310	1	177.7	1.00
002535	CSM001	09/05/96	20	257.4	1	161.6	11.3	1	27,489,000	1	1174.6	0.307	1	177.1	1.00
002535	CSM001	09/05/96	21	268.3	1	156.4	11.3	1	26,941,000	1	1199.9	0.297	1	173.5	1.00
002535	CSM001	09/05/96	22	286.7	1	158.3	11.3	1	26,789,000	1	1274.9	0.301	1	172.5	1.00
002535	CSM001	09/05/96	23	206.8	1	163.0	10.9	1	23,496,000	1	806.6	0.321	1	146.0	1.00
002535	CSM001	09/06/96	0	290.8	1	218.8	11.1	1	24,883,000	1	1201.2	0.424	1	157.4	1.00
002535	CSM001	09/06/96	1	325.3	1	203.0	11.1	1	25,573,000	1	1380.9	0.393	1	161.8	1.00
002535	CSM001	09/06/96	2	198.4	1	202.9	10.7	1	22,498,000	1	741.0	0.408	1	137.2	1.00
002535	CSM001	09/06/96	3	176.3	1	192.5	10.4	1	20,330,000	1	595.0	0.398	1	120.5	1.00
002535	CSM001	09/06/96	4	245.0	1	177.5	10.4	1	20,337,000	1	827.1	0.367	1	120.6	1.00
002535	CSM001	09/06/96	5	305.9	1	182.4	10.6	1	22,271,000	1	1130.9	0.370	1	134.6	1.00
002535	CSM001	09/06/96	6	312.8	1	196.9	11.4	1	25,177,000	1	1307.3	0.371	1	163.6	1.00
002535	CSM001	09/06/96	7	173.8	1	206.3	10.8	1	22,346,000	1	644.7	0.411	1	137.6	1.00
002535	CSM001	09/06/96	8	268.6	1	178.4	11.2	1	24,027,000	1	1071.3	0.342	1	153.4	1.00
002535	CSM001	09/06/96	9	275.5	1	177.8	11.3	1	24,669,000	1	1128.2	0.338	1	158.9	1.00
002535	CSM001	09/06/96	10	311.3	1	187.5	11.4	1	26,642,000	1	1376.7	0.353	1	173.1	1.00
002535	CSM001	09/06/96	11	231.3	1	190.8	11.2	1	24,432,000	1	938.1	0.366	1	156.0	1.00
002535	CSM001	09/06/96	12	287.9	1	191.3	11.4	1	27,439,000	1	1311.3	0.361	1	178.3	1.00
002535	CSM001	09/06/96	13	274.2	1	200.6	11.4	1	27,505,000	1	1252.0	0.378	1	177.7	1.00
002535	CSM001	09/06/96	14	266.9	1	195.6	11.4	1	27,307,000	1	1209.8	0.369	1	174.4	1.00
002535	CSM001	09/06/96	15	262.9	1	190.0	11.4	1	27,452,000	1	1198.0	0.358	1	178.4	1.00
002535	CSM001	09/06/96	16	261.3	1	194.0	11.3	1	27,584,000	1	1196.5	0.369	1	177.7	1.00
002535	CSM001	09/06/96	17	259.2	1	193.2	11.4	1	27,455,000	1	1181.3	0.364	1	178.4	1.00
002535	CSM001	09/06/96	18	263.6	1	190.3	11.4	1	27,337,000	1	1196.2	0.359	1	177.6	1.00
002535	CSM001	09/06/96	19	248.3	1	190.6	11.4	1	27,404,000	1	1129.5	0.359	1	178.1	1.00
002535	CSM001	09/06/96	20	255.1	1	190.7	11.4	1	26,937,000	1	1140.7	0.360	1	175.0	1.00
002535	CSM001	09/06/96	21	253.9	1	193.5	11.3	1	27,107,000	1	1142.5	0.368	1	174.6	1.00
002535	CSM001	09/06/96	22	244.9	1	197.1	11.3	1	27,071,000	1	1100.5	0.375	1	174.4	1.00
002535	CSM001	09/06/96	23	234.8	1	197.1	11.3	1	27,037,000	1	1053.8	0.375	1	174.1	1.00
002535	CSM001	09/07/96	0	241.2	1	196.8	11.3	1	26,900,000	1	1077.1	0.374	1	173.3	1.00
002535	CSM001	09/07/96	1	236.6	1	196.0	11.3	1	26,594,000	1	1044.5	0.373	1	171.3	1.00
002535	CSM001	09/07/96	2	162.1	1	187.7	11.0	1	23,554,000	1	633.8	0.367	1	147.7	1.00
002535	CSM001	09/07/96	3	115.0	1	174.2	10.4	1	20,597,000	1	393.2	0.360	1	122.1	1.00
002535	CSM001	09/07/96	4	212.2	1	179.4	10.4	1	20,701,000	1	729.2	0.371	1	122.7	1.00
002535	CSM001	09/07/96	5	262.9	1	183.9	10.5	1	21,630,000	1	944.0	0.376	1	129.5	1.00
002535	CSM001	09/07/96	6	246.5	1	193.1	11.1	1	23,523,000	1	962.5	0.374	1	148.8	1.00
002535	CSM001	09/07/96	7	250.7	1	181.9	11.4	1	27,177,000	1	1131.0	0.346	1	176.6	1.00
002535	CSM001	09/07/96	8	231.3	1	183.3	11.4	1	27,261,000	1	1046.7	0.343	1	177.1	1.00
002535	CSM001	09/07/96	9	213.7	1	182.2	11.4	1	27,192,000	1	964.6	0.343	1	176.7	1.00
002535	CSM001	09/07/96	10	224.8	1	185.0	11.4	1	26,835,000	1	1001.4	0.349	1	174.4	1.00
002535	CSM001	09/07/96	11	252.2	1	184.1	11.4	1	26,863,000	1	1124.6	0.347	1	174.6	1.00

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002535	CSM001	09/07/96	12	256.9	1	182.4	11.3	1	26,891,000	1	1146.8	0.347	1	173.2	1.00
002535	CSM001	09/07/96	13	242.0	1	182.2	11.3	1	26,898,000	1	1080.5	0.347	1	173.3	1.00
002535	CSM001	09/07/96	14	237.1	1	182.4	11.3	1	27,262,000	1	1073.0	0.347	1	175.6	1.00
002535	CSM001	09/07/96	15	228.2	1	185.1	11.1	1	27,428,000	1	1039.0	0.358	1	173.5	1.00
002535	CSM001	09/07/96	16	224.7	1	180.3	11.2	1	27,338,000	1	1019.7	0.346	1	174.5	1.00
002535	CSM001	09/07/96	17	222.1	1	178.2	11.2	1	27,239,000	1	1004.3	0.342	1	173.9	1.00
002535	CSM001	09/07/96	18	224.0	1	179.9	11.3	1	27,239,000	1	1012.9	0.342	1	175.4	1.00
002535	CSM001	09/07/96	19	215.2	1	174.4	11.3	1	27,223,000	1	972.5	0.339	1	175.3	1.00
002535	CSM001	09/07/96	20	213.4	1	171.2	11.3	1	27,034,000	1	957.7	0.326	1	174.1	1.00
002535	CSM001	09/07/96	21	158.5	1	168.0	11.0	1	23,803,000	1	626.3	0.328	1	149.2	1.00
002535	CSM001	09/07/96	22	177.8	1	174.7	10.6	1	22,485,000	1	663.6	0.354	1	135.9	1.00
002535	CSM001	09/07/96	23	214.2	1	190.2	10.8	1	23,620,000	1	839.9	0.378	1	145.4	1.00
002535	CSM001	09/08/96	0	173.3	1	187.3	10.8	1	23,430,000	1	674.0	0.373	1	144.2	1.00
002535	CSM001	09/08/96	1	143.6	1	187.2	10.6	1	21,929,000	1	522.7	0.380	1	132.5	1.00
002535	CSM001	09/08/96	2	161.2	1	185.1	10.4	1	21,580,000	1	577.5	0.383	1	127.9	1.00
002535	CSM001	09/08/96	3	139.8	1	172.3	10.1	1	19,236,000	1	446.4	0.367	1	110.7	1.00
002535	CSM001	09/08/96	4	106.8	1	179.3	9.8	1	18,723,000	1	331.9	0.393	1	104.6	1.00
002535	CSM001	09/08/96	5	62.7	1	176.5	10.1	1	20,219,000	1	210.4	0.376	1	116.4	1.00
002535	CSM001	09/08/96	6	51.6	1	181.0	10.2	1	19,261,000	1	165.0	0.381	1	112.0	1.00
002535	CSM001	09/08/96	7	58.7	1	181.8	10.2	1	19,974,000	1	194.6	0.383	1	116.1	1.00
002535	CSM001	09/08/96	8	51.3	1	178.8	10.1	1	18,756,000	1	159.7	0.380	1	108.0	1.00
002535	CSM001	09/08/96	9	56.0	1	182.6	10.2	1	20,033,000	1	186.2	0.385	1	116.5	1.00
002535	CSM001	09/08/96	10	52.5	1	189.6	10.2	1	20,183,000	1	175.9	0.399	1	117.3	1.00
002535	CSM001	09/08/96	11	110.9	1	185.2	10.8	1	24,198,000	1	445.5	0.369	1	149.0	1.00
002535	CSM001	09/08/96	12	92.4	1	186.7	10.8	1	22,972,000	1	352.4	0.372	1	141.4	1.00
002535	CSM001	09/08/96	13	127.7	1	199.1	11.2	1	24,484,000	1	519.0	0.382	1	156.3	1.00
002535	CSM001	09/08/96	14	162.2	1	201.9	11.4	1	26,989,000	1	726.7	0.381	1	175.4	1.00
002535	CSM001	09/08/96	15	176.5	1	198.1	11.5	1	27,181,000	1	796.4	0.370	1	178.2	1.00
002535	CSM001	09/08/96	16	198.5	1	203.3	11.5	1	27,482,000	1	905.6	0.380	1	180.1	1.00
002535	CSM001	09/08/96	17	212.2	1	204.4	11.5	1	27,467,000	1	987.5	0.382	1	180.0	1.00
002535	CSM001	09/08/96	18	210.7	1	204.5	11.5	1	27,299,000	1	954.8	0.382	1	178.9	1.00
002535	CSM001	09/08/96	19	208.1	1	204.9	11.5	1	27,283,000	1	942.5	0.383	1	178.8	1.00
002535	CSM001	09/08/96	20	211.9	1	201.9	11.5	1	27,180,000	1	956.1	0.377	1	178.2	1.00
002535	CSM001	09/08/96	21	142.0	1	197.3	11.4	1	24,654,000	1	581.1	0.372	1	160.2	1.00
002535	CSM001	09/08/96	22	119.7	1	205.3	11.2	1	23,918,000	1	475.3	0.394	1	152.7	1.00
002535	CSM001	09/08/96	23	102.7	1	202.2	11.2	1	23,214,000	1	395.8	0.388	1	148.2	1.00
002535	CSM001	09/09/96	0	138.5	1	204.0	11.4	1	24,979,000	1	574.3	0.385	1	162.3	1.00
002535	CSM001	09/09/96	1	113.4	1	197.4	11.3	1	23,517,000	1	442.7	0.375	1	151.5	1.00
002535	CSM001	09/09/96	2	94.5	1	198.8	11.0	1	22,189,000	1	348.1	0.388	1	139.1	1.00
002535	CSM001	09/09/96	3	60.9	1	195.2	10.6	1	20,109,000	1	202.3	0.396	1	121.5	1.00
002535	CSM001	09/09/96	4	49.6	1	169.2	10.4	1	19,755,000	1	163.6	0.350	1	117.1	1.00
002535	CSM001	09/09/96	5	69.6	1	168.1	10.6	1	20,961,000	1	242.2	0.341	1	126.6	1.00
002535	CSM001	09/09/96	6	121.2	1	170.6	11.2	1	23,851,000	1	479.9	0.327	1	152.3	1.00
002535	CSM001	09/09/96	7	114.3	1	188.4	11.1	1	22,728,000	1	431.2	0.365	1	143.8	1.00
002535	CSM001	09/09/96	8	204.2	1	191.2	11.4	1	27,473,000	1	931.3	0.360	1	178.5	1.00
002535	CSM001	09/09/96	9	197.8	1	195.0	11.6	1	26,188,000	1	859.9	0.361	1	173.2	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM001	09/11/96	8	152.5	1	173.6	10.6	1	20,694,000	1	523.9	0.352	1	125.0	1.00
002535	CSM001	09/11/96	9	270.0	1	176.2	10.8	1	22,645,000	1	1014.9	0.351	1	139.4	1.00
002535	CSM001	09/11/96	10	303.6	1	171.5	10.9	1	23,569,000	1	1187.8	0.338	1	146.4	1.00
002535	CSM001	09/11/96	11	372.3	1	169.2	11.2	1	25,048,000	1	1548.0	0.325	1	159.9	1.00
002535	CSM001	09/11/96	12	440.2	1	176.2	11.4	1	26,674,000	1	1949.2	0.332	1	173.3	1.00
002535	CSM001	09/11/96	13	422.0	1	183.0	11.4	1	27,512,000	1	1927.3	0.345	1	178.8	1.00
002535	CSM001	09/11/96	14	378.5	1	182.7	11.4	1	27,372,000	1	1719.8	0.344	1	177.9	1.00
002535	CSM001	09/11/96	15	328.4	1	177.4	11.4	1	26,351,000	1	1436.5	0.334	1	171.2	1.00
002535	CSM001	09/11/96	16	302.2	1	194.0	11.3	1	26,950,000	1	1352.0	0.369	1	173.6	1.00
002535	CSM001	09/11/96	17	265.6	1	178.2	11.2	1	26,107,000	1	1151.0	0.367	1	166.7	1.00
002535	CSM001	09/11/96	18	223.2	1	184.2	11.1	1	25,872,000	1	958.6	0.345	1	163.7	1.00
002535	CSM001	09/11/96	19	259.5	1	174.7	11.1	1	26,641,000	1	1147.6	0.338	1	168.6	1.00
002535	CSM001	09/11/96	20	145.1	1	170.5	10.6	1	23,381,000	1	563.2	0.346	1	141.3	1.00
002535	CSM001	09/11/96	21	90.0	1	174.7	10.5	1	22,055,000	1	329.5	0.358	1	132.0	1.00
002535	CSM001	09/11/96	22	76.4	1	172.0	10.3	1	21,322,000	1	270.4	0.359	1	125.2	1.00
002535	CSM001	09/11/96	23	52.1	1	196.2	10.0	1	19,136,000	1	165.5	0.422	1	109.1	1.00
002535	CSM001	09/12/96	0	51.7	1	174.7	9.9	1	18,716,000	1	160.6	0.379	1	105.6	1.00
002535	CSM001	09/12/96	1	67.3	1	156.3	9.9	1	18,622,000	1	208.0	0.339	1	105.1	1.00
002535	CSM001	09/12/96	2	60.7	1	169.7	9.6	1	18,217,000	1	183.6	0.380	1	99.7	1.00
002535	CSM001	09/12/96	3	75.8	1	167.0	9.7	1	16,901,000	1	212.7	0.370	1	93.4	1.00
002535	CSM001	09/12/96	4	154.2	1	198.8	10.1	1	20,556,000	1	526.2	0.423	1	118.3	1.00
002535	CSM001	09/12/96	5	208.2	1	185.4	10.5	1	23,900,000	1	826.0	0.379	1	143.0	1.00
002535	CSM001	09/12/96	6	169.5	1	187.8	10.6	1	22,016,000	1	619.5	0.381	1	133.0	1.00
002535	CSM001	09/12/96	7	182.4	1	191.8	10.6	1	22,569,000	1	683.4	0.389	1	136.4	1.00
002535	CSM001	09/12/96	8	259.0	1	179.4	11.1	1	25,765,000	1	1107.7	0.347	1	163.0	1.00
002535	CSM001	09/12/96	9	262.5	1	187.7	11.2	1	25,549,000	1	1113.3	0.360	1	163.1	1.00
002535	CSM001	09/12/96	10	270.0	1	178.9	11.1	1	25,766,000	1	1154.8	0.346	1	163.0	1.00
002535	CSM001	09/12/96	11	278.7	1	173.2	11.1	1	25,589,000	1	1183.9	0.345	1	161.9	1.00
002535	CSM001	09/12/96	12	278.5	1	173.3	11.1	1	25,586,000	1	1182.9	0.336	1	161.9	1.00
002535	CSM001	09/12/96	13	279.4	1	183.7	11.1	1	25,641,000	1	1189.2	0.356	1	162.2	1.00
002535	CSM001	09/12/96	14	276.4	1	177.7	11.1	1	25,755,000	1	1181.7	0.344	1	163.0	1.00
002535	CSM001	09/12/96	15	297.7	1	165.5	11.2	1	25,921,000	1	1281.0	0.318	1	165.5	1.00
002535	CSM001	09/12/96	16	417.3	1	183.7	11.2	1	27,193,000	1	1883.7	0.353	1	173.6	1.00
002535	CSM001	09/12/96	17	333.5	1	181.2	11.1	1	27,796,000	1	1538.8	0.351	1	175.9	1.00
002535	CSM001	09/12/96	18	276.0	1	172.3	11.1	1	27,881,000	1	1277.4	0.334	1	176.4	1.00
002535	CSM001	09/12/96	19	270.3	1	175.7	11.1	1	27,983,000	1	1255.6	0.340	1	177.0	1.00
002535	CSM001	09/12/96	20	244.8	1	176.0	11.1	1	26,574,000	1	1079.9	0.341	1	168.1	1.00
002535	CSM001	09/12/96	21	90.7	1	164.9	10.4	1	20,924,000	1	315.0	0.341	1	124.0	1.00
002535	CSM001	09/12/96	22	72.2	1	168.4	10.4	1	20,550,000	1	246.3	0.348	1	121.8	1.00
002535	CSM001	09/12/96	23	95.8	1	197.3	10.4	1	20,658,000	1	328.5	0.408	1	122.5	1.00
002535	CSM001	09/13/96	0	133.4	1	177.7	10.4	1	20,869,000	1	462.1	0.367	1	123.7	1.00
002535	CSM001	09/13/96	1	240.0	1	189.1	10.7	1	23,682,000	1	943.5	0.380	1	144.4	1.00
002535	CSM001	09/13/96	2	137.0	1	210.8	10.4	1	20,469,000	1	465.5	0.436	1	121.3	1.00
002535	CSM001	09/13/96	3	145.2	1	197.9	10.4	1	20,391,000	1	491.5	0.409	1	120.9	1.00
002535	CSM001	09/13/96	4	160.7	1	188.3	10.4	1	21,404,000	1	571.0	0.389	1	126.9	1.00
002535	CSM001	09/13/96	5	155.5	1	186.3	10.4	1	21,306,000	1	550.0	0.385	1	126.3	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM001	09/13/96	6	180.5	1	181.6	10.6	1	21,556,000	1	645.9	0.368	1	130.2	1.00
002535	CSM001	09/13/96	7	185.0	1	198.9	10.4	1	21,911,000	1	672.9	0.411	1	129.9	1.00
002535	CSM001	09/13/96	8	311.7	1	190.6	11.0	1	26,647,000	1	1378.8	0.372	1	167.1	1.00
002535	CSM001	09/13/96	9	349.4	1	188.3	11.2	1	27,731,000	1	1608.4	0.361	1	177.0	1.00
002535	CSM001	09/13/96	10	327.4	1	193.3	11.2	1	27,825,000	1	1512.2	0.371	1	177.6	1.00
002535	CSM001	09/13/96	11	306.4	1	193.2	11.2	1	27,947,000	1	1421.5	0.371	1	178.4	1.00
002535	CSM001	09/13/96	12	237.6	1	191.4	11.1	1	25,832,000	1	1018.9	0.371	1	163.4	1.00
002535	CSM001	09/13/96	13	109.6	1	212.1	10.6	1	22,051,000	1	401.2	0.430	1	133.2	1.00
002535	CSM001	09/13/96	14	81.8	1	188.4	10.3	1	20,422,000	1	277.3	0.393	1	119.9	1.00
002535	CSM001	09/13/96	15	122.4	1	189.9	10.4	1	20,838,000	1	423.4	0.392	1	123.5	1.00
002535	CSM001	09/13/96	16	138.8	1	181.3	10.3	1	20,758,000	1	478.3	0.378	1	121.9	1.00
002535	CSM001	09/13/96	17	117.0	1	181.4	10.4	1	20,751,000	1	403.0	0.375	1	123.0	1.00
002535	CSM001	09/13/96	18	180.0	1	180.1	10.6	1	24,102,000	1	720.2	0.365	1	145.6	1.00
002535	CSM001	09/13/96	19	175.4	1	189.1	10.9	1	24,246,000	1	706.0	0.373	1	150.6	1.00
002535	CSM001	09/13/96	20	119.1	1	175.9	10.5	1	21,170,000	1	418.5	0.360	1	126.7	1.00
002535	CSM001	09/13/96	21	138.5	1	186.7	10.6	1	21,901,000	1	503.5	0.379	1	132.3	1.00
002535	CSM001	09/13/96	22	113.8	1	184.9	10.5	1	20,774,000	1	392.4	0.378	1	124.3	1.00
002535	CSM001	09/13/96	23	112.3	1	190.1	10.5	1	20,593,000	1	383.9	0.389	1	123.2	1.00
002535	CSM001	09/14/96	0	120.4	1	187.9	10.6	1	21,074,000	1	421.2	0.381	1	127.3	1.00
002535	CSM001	09/14/96	1	166.1	1	190.1	10.6	1	22,960,000	1	633.1	0.385	1	138.7	1.00
002535	CSM001	09/14/96	2	118.6	1	188.3	10.5	1	20,796,000	1	409.4	0.385	1	124.5	1.00
002535	CSM001	09/14/96	3	148.9	1	194.8	10.5	1	21,286,000	1	526.1	0.399	1	127.4	1.00
002535	CSM001	09/14/96	4	141.2	1	199.3	10.5	1	21,427,000	1	502.2	0.408	1	128.2	1.00
002535	CSM001	09/14/96	5	138.7	1	202.1	10.4	1	21,177,000	1	487.6	0.418	1	125.5	1.00
002535	CSM001	09/14/96	6	144.3	1	188.4	10.6	1	21,301,000	1	510.2	0.382	1	128.7	1.00
002535	CSM001	09/14/96	7	132.7	1	176.0	10.5	1	20,996,000	1	457.8	0.357	1	125.6	1.00
002535	CSM001	09/14/96	8	131.7	1	183.8	10.5	1	20,436,000	1	406.1	0.356	1	125.7	1.00
002535	CSM001	09/14/96	9	119.7	1	183.8	10.5	1	20,471,000	1	395.8	0.376	1	122.3	1.00
002535	CSM001	09/14/96	10	118.2	1	183.5	10.5	1	20,171,000	1	395.8	0.376	1	120.7	1.00
002535	CSM001	09/14/96	11	114.3	1	184.7	10.5	1	20,179,000	1	382.9	0.378	1	120.8	1.00
002535	CSM001	09/14/96	12	120.9	1	184.5	10.5	1	20,209,000	1	405.6	0.378	1	121.0	1.00
002535	CSM001	09/14/96	13	178.8	1	154.5	10.3	1	19,561,000	1	580.6	0.322	1	114.8	1.00
002535	CSM001	09/14/96	14	151.2	1	165.9	10.0	1	18,303,000	1	459.4	0.357	1	104.3	1.00
002535	CSM001	09/14/96	15	97.1	1	169.1	9.5	1	16,475,000	1	265.6	0.383	1	89.2	1.00
002535	CSM001	09/14/96	16	270.7	1	184.0	10.0	1	26,676,000	1	1198.7	0.395	1	152.1	1.00
002535	CSM001	09/14/96	17	368.3	1	187.6	10.6	1	33,004,000	1	2017.8	0.380	1	199.4	1.00
002535	CSM001	09/14/96	18	377.2	1	188.5	10.6	1	32,683,000	1	2046.5	0.382	1	197.5	1.00
002535	CSM001	09/14/96	19	349.7	1	189.7	10.1	1	29,854,000	1	1733.0	0.404	1	171.9	1.00
002535	CSM001	09/14/96	20	386.1	1	186.2	10.3	1	29,606,000	1	1897.5	0.389	1	173.8	1.00
002535	CSM001	09/14/96	21	159.6	1	186.7	10.3	1	29,594,000	1	784.1	0.390	1	173.7	1.00
002535	CSM001	09/14/96	22	190.6	1	187.1	10.3	1	29,645,000	1	938.0	0.390	1	174.0	1.00
002535	CSM001	09/14/96	23	224.3	1	185.4	10.4	1	30,652,000	1	1141.3	0.383	1	181.7	1.00
002535	CSM001	09/15/96	0	214.5	1	184.2	10.4	1	31,272,000	1	1113.5	0.381	1	185.4	1.00
002535	CSM001	09/15/96	1	174.5	1	183.3	10.3	1	30,305,000	1	877.8	0.382	1	177.9	1.00
002535	CSM001	09/15/96	2	168.0	1	185.6	10.3	1	30,036,000	1	837.6	0.387	1	176.3	1.00
002535	CSM001	09/15/96	3	172.1	1	186.4	10.3	1	29,777,000	1	850.7	0.389	1	174.8	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM001	09/15/96	4	171.6	1	186.1	10.3	1	29,659,000	1	844.9	0.388	1	174.1	1.00
002535	CSM001	09/15/96	5	210.0	1	185.1	10.4	1	30,849,000	1	1075.4	0.383	1	182.9	1.00
002535	CSM001	09/15/96	6	182.8	1	188.1	10.4	1	29,741,000	1	902.5	0.389	1	176.3	1.00
002535	CSM001	09/15/96	7	176.8	1	183.9	10.3	1	29,783,000	1	874.1	0.384	1	174.9	1.00
002535	CSM001	09/15/96	8	186.0	1	184.5	10.3	1	29,846,000	1	921.5	0.385	1	175.2	1.00
002535	CSM001	09/15/96	9	191.8	1	184.6	10.3	1	29,787,000	1	948.4	0.385	1	174.9	1.00
002535	CSM001	09/15/96	10	202.9	1	184.8	10.2	1	29,884,000	1	1006.5	0.389	1	173.7	1.00
002535	CSM001	09/15/96	11	215.7	1	185.2	10.3	1	29,619,000	1	1060.5	0.386	1	173.9	1.00
002535	CSM001	09/15/96	12	207.3	1	184.6	10.3	1	29,572,000	1	1017.6	0.385	1	173.6	1.00
002535	CSM001	09/15/96	13	204.1	1	184.0	10.3	1	29,480,000	1	998.8	0.384	1	173.1	1.00
002535	CSM001	09/15/96	14	219.4	1	182.3	10.3	1	29,687,000	1	1081.2	0.380	1	174.3	1.00
002535	CSM001	09/15/96	15	224.5	1	182.5	10.2	1	29,751,000	1	1108.7	0.385	1	173.0	1.00
002535	CSM001	09/15/96	16	253.2	1	180.7	10.5	1	30,331,000	1	1274.8	0.370	1	181.5	1.00
002535	CSM001	09/15/96	17	298.0	1	179.2	10.5	1	30,994,000	1	1533.2	0.367	1	185.5	1.00
002535	CSM001	09/15/96	18	278.2	1	182.1	10.6	1	30,589,000	1	1412.6	0.369	1	184.8	1.00
002535	CSM001	09/15/96	19	231.1	1	190.5	10.4	1	29,497,000	1	1131.6	0.394	1	174.9	1.00
002535	CSM001	09/15/96	20	174.7	1	192.0	10.4	1	29,039,000	1	842.1	0.397	1	172.1	1.00
002535	CSM001	09/15/96	21	261.9	1	188.8	10.8	1	30,945,000	1	1345.3	0.376	1	190.5	1.00
002535	CSM001	09/15/96	22	306.6	1	190.7	10.5	1	31,043,000	1	1580.0	0.387	1	187.6	1.00
002535	CSM001	09/15/96	23	260.0	1	189.5	10.6	1	29,780,000	1	1285.3	0.388	1	178.2	1.00
002535	CSM001	09/16/96	0	237.8	1	188.4	10.4	1	29,437,000	1	1162.0	0.389	1	174.5	1.00
002535	CSM001	09/16/96	1	349.5	1	186.6	10.8	1	32,506,000	1	1885.9	0.371	1	200.1	1.00
002535	CSM001	09/16/96	2	290.7	1	190.5	10.5	1	30,103,000	1	1452.7	0.390	1	180.2	1.00
002535	CSM001	09/16/96	3	323.7	1	186.5	10.8	1	31,668,000	1	1701.7	0.371	1	194.9	1.00
002535	CSM001	09/16/96	4	40.2	1	172.1	9.8	1	17,702,000	1	118.1	0.377	1	98.9	1.00
002535	CSM001	09/16/96	5	94.8	1	169.5	10.0	1	16,873,000	1	265.5	0.364	1	96.2	1.00
002535	CSM001	09/16/96	6	144.4	1	187.0	10.5	1	20,447,000	1	490.1	0.383	1	122.4	1.00
002535	CSM001	09/16/96	7	191.5	1	180.7	10.8	1	22,817,000	1	725.3	0.360	1	140.5	1.00
002535	CSM001	09/16/96	8	236.9	1	176.3	11.4	1	24,970,000	1	982.0	0.332	1	162.3	1.00
002535	CSM001	09/16/96	9	140.9	1	171.8	10.6	1	21,513,000	1	503.2	0.348	1	130.0	1.00
002535	CSM001	09/16/96	10	153.1	1	195.2	10.5	1	21,150,000	1	537.5	0.400	1	126.6	1.00
002535	CSM001	09/16/96	11	189.9	1	197.7	10.6	1	21,615,000	1	681.4	0.401	1	130.6	1.00
002535	CSM001	09/16/96	12	205.2	1	190.1	11.0	1	23,641,000	1	805.3	0.371	1	148.2	1.00
002535	CSM001	09/16/96	13	266.1	1	185.5	11.5	1	25,274,000	1	1116.4	0.347	1	165.7	1.00
002535	CSM001	09/16/96	14	300.6	1	189.8	11.6	1	26,193,000	1	1307.0	0.352	1	173.2	1.00
002535	CSM001	09/16/96	15	340.9	1	202.0	11.4	1	27,514,000	1	1557.0	0.381	1	178.8	1.00
002535	CSM001	09/16/96	16	343.1	1	204.5	11.4	1	27,790,000	1	1582.8	0.386	1	180.6	1.00
002535	CSM001	09/16/96	17	346.1	1	204.6	11.3	1	27,515,000	1	1580.8	0.389	1	177.2	1.00
002535	CSM001	09/16/96	18	341.0	1	209.0	11.3	1	28,083,000	1	1589.7	0.398	1	180.9	1.00
002535	CSM001	09/16/96	19	352.0	1	208.7	11.3	1	27,910,000	1	1630.8	0.397	1	179.8	1.00
002535	CSM001	09/16/96	20	351.0	1	208.5	11.3	1	27,685,000	1	1613.1	0.397	1	178.3	1.00
002535	CSM001	09/16/96	21	317.4	1	198.1	11.3	1	26,184,000	1	1379.6	0.377	1	168.7	1.00
002535	CSM001	09/16/96	22	169.9	1	195.0	10.7	1	21,102,000	1	595.1	0.392	1	128.7	1.00
002535	CSM001	09/16/96	23	247.8	1	202.5	10.9	1	24,486,000	1	1007.2	0.399	1	152.1	1.00
002535	CSM001	09/17/96	0	276.6	1	205.4	11.1	1	25,173,000	1	1155.8	0.398	1	159.3	1.00
002535	CSM001	09/17/96	1	186.7	1	208.7	10.6	1	21,728,000	1	673.4	0.423	1	131.3	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM001	09/17/96	2	166.7	1	196.7	10.3	1	20,649,000	1	571.4	0.410	1	121.2	1.00
002535	CSM001	09/17/96	3	168.0	1	199.4	10.3	1	21,196,000	1	591.1	0.416	1	124.4	1.00
002535	CSM001	09/17/96	4	247.7	1	196.0	10.9	1	23,843,000	1	980.4	0.386	1	148.1	1.00
002535	CSM001	09/17/96	5	270.7	1	185.8	10.9	1	24,044,000	1	1080.4	0.366	1	149.4	1.00
002535	CSM001	09/17/96	6	273.6	1	197.2	10.9	1	23,415,000	1	1063.5	0.389	1	145.5	1.00
002535	CSM001	09/17/96	7	259.2	1	194.1	11.0	1	23,912,000	1	1028.9	0.379	1	149.9	1.00
002535	CSM001	09/17/96	8	260.7	1	194.3	10.9	1	23,919,000	1	1035.1	0.383	1	148.6	1.00
002535	CSM001	09/17/96	9	294.6	1	196.8	11.2	1	24,882,000	1	1216.8	0.378	1	158.8	1.00
002535	CSM001	09/17/96	10	340.0	1	201.4	11.3	1	26,237,000	1	1480.8	0.383	1	169.0	1.00
002535	CSM001	09/17/96	11	343.1	1	199.0	11.3	1	26,335,000	1	1499.9	0.378	1	169.6	1.00
002535	CSM001	09/17/96	12	348.9	1	195.9	11.3	1	26,275,000	1	1521.8	0.373	1	169.2	1.00
002535	CSM001	09/17/96	13	295.0	1	184.5	11.2	1	24,304,000	1	1190.2	0.354	1	155.2	1.00
002535	CSM001	09/17/96	14	328.8	1	196.7	11.1	1	26,032,000	1	1420.8	0.381	1	164.7	1.00
002535	CSM001	09/17/96	15	331.3	1	195.0	11.3	1	26,263,000	1	1444.4	0.371	1	169.2	1.00
002535	CSM001	09/17/96	16	337.7	1	184.9	11.3	1	26,451,000	1	1482.8	0.352	1	170.4	1.00
002535	CSM001	09/17/96	17	341.9	1	193.2	11.2	1	25,983,000	1	1474.7	0.371	1	165.9	1.00
002535	CSM001	09/17/96	18	347.7	1	193.5	11.2	1	25,777,000	1	1487.8	0.371	1	164.6	1.00
002535	CSM001	09/17/96	19	353.6	1	193.6	11.2	1	25,622,000	1	1503.9	0.368	1	165.0	1.00
002535	CSM001	09/17/96	20	275.5	1	193.2	11.1	1	24,813,000	1	1134.8	0.374	1	157.0	1.00
002535	CSM001	09/17/96	21	231.0	1	179.8	11.1	1	23,883,000	1	915.8	0.348	1	151.1	1.00
002535	CSM001	09/17/96	22	274.0	1	194.0	11.2	1	25,719,000	1	1169.8	0.372	1	164.2	1.00
002535	CSM001	09/17/96	23	155.8	1	196.8	10.7	1	21,174,000	1	547.6	0.395	1	129.1	1.00
002535	CSM001	09/18/96	0	146.6	1	196.7	10.3	1	20,370,000	1	495.7	0.410	1	119.6	1.00
002535	CSM001	09/18/96	1	140.8	1	137.6	10.1	1	19,847,000	1	463.9	0.293	1	114.3	1.00
002535	CSM001	09/18/96	2	125.8	1	149.6	10.3	1	18,929,000	1	395.3	0.312	1	111.1	1.00
002535	CSM001	09/18/96	3	113.8	1	200.6	10.3	1	19,586,000	1	370.0	0.419	1	115.0	1.00
002535	CSM001	09/18/96	4	129.0	1	193.6	10.4	1	19,903,000	1	426.2	0.400	1	118.0	1.00
002535	CSM001	09/18/96	5	189.5	1	197.5	10.7	1	22,414,000	1	705.1	0.397	1	136.7	1.00
002535	CSM001	09/18/96	6	161.3	1	194.5	10.7	1	20,654,000	1	553.0	0.391	1	126.0	1.00
002535	CSM001	09/18/96	7	247.7	1	173.9	11.1	1	24,062,000	1	989.4	0.337	1	152.2	1.00
002535	CSM001	09/18/96	8	281.9	1	171.1	11.2	1	24,204,000	1	1132.6	0.328	1	154.5	1.00
002535	CSM001	09/18/96	9	271.9	1	182.7	11.1	1	24,010,000	1	1083.7	0.354	1	151.9	1.00
002535	CSM001	09/18/96	10	243.2	1	205.6	11.2	1	25,122,000	1	1014.2	0.395	1	160.4	1.00
002535	CSM001	09/18/96	11	303.8	1	196.0	11.4	1	26,815,000	1	1352.3	0.370	1	174.2	1.00
002535	CSM001	09/18/96	12	304.8	1	194.2	11.4	1	26,230,000	1	1327.2	0.366	1	170.4	1.00
002535	CSM001	09/18/96	13	280.1	1	189.3	11.5	1	25,471,000	1	1184.3	0.354	1	167.0	1.00
002535	CSM001	09/18/96	14	296.6	1	204.8	11.3	1	26,106,000	1	1285.3	0.390	1	168.1	1.00
002535	CSM001	09/18/96	15	247.8	1	201.0	11.1	1	23,880,000	1	982.3	0.389	1	151.1	1.00
002535	CSM001	09/18/96	16	189.5	1	207.1	11.0	1	22,602,000	1	711.0	0.405	1	141.7	1.00
002535	CSM001	09/18/96	17	199.3	1	187.0	11.2	1	23,260,000	1	769.5	0.359	1	148.5	1.00
002535	CSM001	09/18/96	18	208.7	1	190.9	10.8	1	23,350,000	1	808.9	0.380	1	143.7	1.00
002535	CSM001	09/18/96	19	202.2	1	183.3	11.0	1	23,569,000	1	791.1	0.358	1	147.8	1.00
002535	CSM001	09/18/96	20	164.8	1	193.8	10.8	1	22,837,000	1	624.7	0.386	1	140.6	1.00
002535	CSM001	09/18/96	21	138.9	1	192.6	10.8	1	21,640,000	1	499.0	0.383	1	133.2	1.00
002535	CSM001	09/18/96	22	113.5	1	190.0	10.4	1	20,482,000	1	385.9	0.393	1	121.4	1.00
002535	CSM001	09/18/96	23	124.8	1	192.0	9.9	1	17,518,000	1	362.9	0.417	1	98.9	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM001	09/19/96	0	114.3	1	199.6	9.7	1	17,020,000	1	322.9	0.442	1	94.1	1.00
002535	CSM001	09/19/96	1	106.0	1	187.2	9.7	1	16,520,000	1	290.7	0.415	1	91.3	1.00
002535	CSM001	09/19/96	2	105.3	1	187.4	9.7	1	16,542,000	1	289.2	0.415	1	91.5	1.00
002535	CSM001	09/19/96	3	114.7	1	177.3	9.6	1	16,515,000	1	314.4	0.397	1	90.4	1.00
002535	CSM001	09/19/96	4	125.1	1	177.2	9.7	1	16,515,000	1	343.0	0.393	1	91.3	1.00
002535	CSM001	09/19/96	5	212.2	1	183.8	10.4	1	20,887,000	1	735.7	0.380	1	123.8	1.00
002535	CSM001	09/19/96	6	182.2	1	190.9	11.0	1	22,449,000	1	679.0	0.373	1	140.8	1.00
002535	CSM001	09/19/96	7	188.2	1	213.4	10.8	1	21,864,000	1	683.1	0.425	1	134.6	1.00
002535	CSM001	09/19/96	8	164.7	1	187.2	10.7	1	20,909,000	1	571.7	0.376	1	127.5	1.00
002535	CSM001	09/19/96	9	259.2	6	0.0	10.3	6	25,059,000	1	1078.2	0.376	11	147.1	1.00
002535	CSM001	09/19/96	10	259.2	6	0.0	10.3	6	25,316,000	1	1089.3	0.360	11	148.6	1.00
002535	CSM001	09/19/96	11	353.7	1	211.0	10.3	6	25,424,000	1	1492.7	0.360	11	149.3	1.00
002535	CSM001	09/19/96	12	316.6	1	212.2	10.3	6	25,429,000	1	1336.4	0.360	11	149.3	1.00
002535	CSM001	09/19/96	13	247.0	6	0.0	10.3	6	25,370,000	1	1040.2	0.360	11	148.9	1.00
002535	CSM001	09/19/96	14	247.0	6	0.0	10.3	6	24,463,000	1	1003.0	0.360	11	143.6	1.00
002535	CSM001	09/19/96	15	247.0	6	0.0	10.3	6	24,815,000	1	1017.5	0.360	11	145.7	1.00
002535	CSM001	09/19/96	16	247.0	6	0.0	10.3	6	25,609,000	1	1050.0	0.360	11	150.4	1.00
002535	CSM001	09/19/96	17	177.3	1	229.3	9.9	1	21,955,000	1	646.2	0.498	1	123.9	1.00
002535	CSM001	09/19/96	18	196.1	1	205.8	9.4	1	22,419,000	1	729.8	0.471	1	120.1	1.00
002535	CSM001	09/19/96	19	284.1	1	184.7	10.1	1	26,237,000	1	1237.4	0.393	1	151.0	1.00
002535	CSM001	09/19/96	20	156.3	1	197.3	9.5	1	20,751,000	1	538.4	0.446	1	112.4	1.00
002535	CSM001	09/19/96	21	166.9	1	174.8	9.3	1	20,630,000	1	571.6	0.404	1	109.4	1.00
002535	CSM001	09/19/96	22	217.7	1	160.1	9.6	1	23,014,000	1	831.7	0.358	1	125.9	1.00
002535	CSM001	09/19/96	23	181.0	1	166.5	9.6	1	21,917,000	1	658.5	0.373	1	119.9	1.00
002535	CSM001	09/20/96	0	116.6	1	176.9	8.6	1	17,084,000	1	330.7	0.442	1	83.7	1.00
002535	CSM001	09/20/96	1	146.6	1	164.5	8.5	1	16,035,000	1	390.2	0.416	1	77.7	1.00
002535	CSM001	09/20/96	2	141.5	1	166.4	8.4	1	16,215,000	1	380.9	0.426	1	77.6	1.00
002535	CSM001	09/20/96	3	139.3	1	158.2	8.4	1	15,983,000	1	369.6	0.405	1	76.5	1.00
002535	CSM001	09/20/96	4	164.9	1	149.2	8.9	1	16,839,000	1	460.9	0.360	1	85.4	1.00
002535	CSM001	09/20/96	5	250.4	1	161.3	9.4	1	21,139,000	1	878.7	0.369	1	113.3	1.00
002535	CSM001	09/20/96	6	140.3	1	185.5	9.8	1	18,994,000	1	442.4	0.407	1	106.1	1.00
002535	CSM001	09/20/96	7	135.5	1	171.4	9.9	1	18,746,000	1	421.7	0.372	1	105.8	1.00
002535	CSM001	09/20/96	8	121.0	1	168.2	9.8	1	20,770,000	1	417.2	0.369	1	116.0	1.00
002535	CSM001	09/20/96	9	125.3	1	179.4	9.9	1	19,533,000	1	406.3	0.389	1	110.2	1.00
002535	CSM001	09/20/96	10	157.8	1	171.1	10.1	1	21,139,000	1	553.7	0.364	1	121.7	1.00
002535	CSM001	09/20/96	11	196.8	1	169.5	10.2	1	22,088,000	1	721.6	0.357	1	128.4	1.00
002535	CSM001	09/20/96	12	214.2	6	0.0	10.3	6	24,027,000	1	854.3	0.360	11	141.1	1.00
002535	CSM001	09/20/96	13	231.6	1	157.5	10.4	1	22,887,000	1	879.9	0.325	1	135.7	1.00
002535	CSM001	09/20/96	14	205.6	1	161.3	10.2	1	22,455,000	1	766.4	0.340	1	130.6	1.00
002535	CSM001	09/20/96	15	202.7	1	167.0	10.3	1	22,386,000	1	753.2	0.348	1	131.4	1.00
002535	CSM001	09/20/96	16	116.8	1	191.5	9.6	1	18,968,000	1	367.8	0.429	1	103.8	1.00
002535	CSM001	09/20/96	17	109.5	1	193.2	9.6	1	19,148,000	1	348.1	0.433	1	104.8	1.00
002535	CSM001	09/20/96	18	193.1	1	166.0	10.0	1	22,240,000	1	712.9	0.357	1	126.8	1.00
002535	CSM001	09/20/96	19	151.4	1	163.1	10.0	1	21,087,000	1	530.0	0.351	1	120.2	1.00
002535	CSM001	09/20/96	20	142.4	1	173.6	9.7	1	20,062,000	1	474.2	0.385	1	110.9	1.00
002535	CSM001	09/20/96	21	153.8	1	164.9	9.8	1	20,686,000	1	528.1	0.362	1	115.6	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM001	09/20/96	22	156.1	1	161.2	9.9	1	20,967,000	1	543.3	0.350	1	118.3	1.00
002535	CSM001	09/20/96	23	123.8	1	178.0	9.6	1	19,123,000	1	393.0	0.398	1	104.6	1.00
002535	CSM001	09/21/96	0	107.4	1	156.9	9.4	1	18,358,000	1	327.3	0.359	1	98.4	1.00
002535	CSM001	09/21/96	1	90.7	1	148.6	9.2	1	16,954,000	1	255.3	0.347	1	88.9	1.00
002535	CSM001	09/21/96	2	74.3	1	157.7	8.9	1	16,511,000	1	203.6	0.381	1	83.8	1.00
002535	CSM001	09/21/96	3	65.2	1	153.8	8.9	1	16,068,000	1	173.9	0.371	1	81.5	1.00
002535	CSM001	09/21/96	4	66.8	1	152.8	9.1	1	16,048,000	1	178.0	0.361	1	83.2	1.00
002535	CSM001	09/21/96	5	102.6	1	161.1	9.5	1	18,145,000	1	309.0	0.364	1	98.3	1.00
002535	CSM001	09/21/96	6	91.6	1	167.8	9.2	1	17,797,000	1	270.6	0.392	1	93.3	1.00
002535	CSM001	09/21/96	7	75.6	1	161.5	9.2	1	16,978,000	1	213.1	0.377	1	89.0	1.00
002535	CSM001	09/21/96	8	130.9	1	178.6	9.8	1	20,655,000	1	448.8	0.392	1	115.4	1.00
002535	CSM001	09/21/96	9	210.5	1	180.4	10.5	1	24,000,000	1	838.6	0.369	1	143.6	1.00
002535	CSM001	09/21/96	10	162.0	1	172.8	10.3	1	22,432,000	1	603.2	0.361	1	131.7	1.00
002535	CSM001	09/21/96	11	204.5	1	184.1	10.6	1	23,653,000	1	802.9	0.373	1	142.9	1.00
002535	CSM001	09/21/96	12	183.4	1	185.0	10.6	1	22,854,000	1	695.8	0.375	1	138.1	1.00
002535	CSM001	09/21/96	13	153.2	1	183.0	10.2	1	21,303,000	1	541.8	0.386	1	123.9	1.00
002535	CSM001	09/21/96	14	191.7	1	185.0	10.4	1	23,258,000	1	740.1	0.382	1	137.9	1.00
002535	CSM001	09/21/96	15	296.0	1	198.8	10.9	1	26,731,000	1	1313.5	0.392	1	166.1	1.00
002535	CSM001	09/21/96	16	313.3	1	189.5	10.8	1	27,186,000	1	1413.9	0.377	1	167.4	1.00
002535	CSM001	09/21/96	17	325.5	1	194.6	10.9	1	26,669,000	1	1441.0	0.384	1	165.7	1.00
002535	CSM001	09/21/96	18	327.0	1	195.6	10.8	1	26,789,000	1	1454.2	0.389	1	164.9	1.00
002535	CSM001	09/21/96	19	311.7	1	193.8	10.8	1	26,734,000	1	1383.3	0.386	1	164.6	1.00
002535	CSM001	09/21/96	20	309.8	1	192.8	10.8	1	26,577,000	1	1366.8	0.384	1	163.6	1.00
002535	CSM001	09/21/96	21	159.2	1	184.2	10.3	1	23,286,000	1	822.6	0.384	1	136.7	1.00
002535	CSM001	09/21/96	22	159.2	1	178.4	9.9	1	20,930,000	1	553.1	0.387	1	118.1	1.00
002535	CSM001	09/21/96	23	133.3	1	172.1	9.6	1	18,916,000	1	418.6	0.385	1	103.5	1.00
002535	CSM001	09/22/96	0	88.4	1	175.2	9.3	1	18,231,000	1	267.5	0.405	1	96.6	1.00
002535	CSM001	09/22/96	1	64.2	1	162.7	8.9	1	16,758,000	1	178.6	0.393	1	85.0	1.00
002535	CSM001	09/22/96	2	114.4	1	147.9	8.9	1	16,474,000	1	312.8	0.357	1	83.6	1.00
002535	CSM001	09/22/96	3	131.6	1	136.7	9.1	1	16,587,000	1	362.4	0.323	1	86.0	1.00
002535	CSM001	09/22/96	4	193.4	1	154.9	9.2	1	18,039,000	1	579.1	0.362	1	94.6	1.00
002535	CSM001	09/22/96	5	151.2	1	156.5	9.0	1	17,661,000	1	443.3	0.374	1	90.6	1.00
002535	CSM001	09/22/96	6	164.7	1	160.9	9.2	1	16,611,000	1	454.1	0.376	1	87.1	1.00
002535	CSM001	09/22/96	7	154.9	1	166.1	9.1	1	17,274,000	1	444.2	0.392	1	89.6	1.00
002535	CSM001	09/22/96	8	125.2	1	161.7	8.8	1	16,839,000	1	350.0	0.395	1	84.5	1.00
002535	CSM001	09/22/96	9	135.6	1	162.5	9.1	1	16,541,000	1	372.3	0.384	1	85.8	1.00
002535	CSM001	09/22/96	10	178.9	1	149.9	9.5	1	18,389,000	1	546.1	0.339	1	99.6	1.00
002535	CSM001	09/22/96	11	192.1	1	155.4	9.4	1	18,713,000	1	596.7	0.355	1	100.3	1.00
002535	CSM001	09/22/96	12	158.2	1	178.7	8.9	1	17,748,000	1	466.1	0.432	1	90.0	1.00
002535	CSM001	09/22/96	13	150.0	1	177.5	9.0	1	16,589,000	1	413.1	0.424	1	85.1	1.00
002535	CSM001	09/22/96	14	191.8	1	172.2	9.6	1	17,735,000	1	564.7	0.386	1	97.0	1.00
002535	CSM001	09/22/96	15	176.5	1	176.3	9.4	1	18,672,000	1	547.1	0.403	1	100.0	1.00
002535	CSM001	09/22/96	16	148.3	1	175.5	9.8	1	21,729,000	1	534.9	0.385	1	121.4	1.00
002535	CSM001	09/22/96	17	262.8	1	172.0	10.0	1	22,834,000	1	996.1	0.370	1	130.2	1.00
002535	CSM001	09/22/96	18	346.9	1	166.2	10.3	1	24,714,000	1	1423.2	0.347	1	145.1	1.00
002535	CSM001	09/22/96	19	244.9	1	179.7	9.7	1	20,683,000	1	840.8	0.398	1	114.4	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM001	09/22/96	20	240.7	1	154.8	9.6	1	20,637,000	1	824.6	0.347	1	112.9	1.00
002535	CSM001	09/22/96	21	188.1	1	184.3	9.5	1	18,819,000	1	587.6	0.417	1	101.9	1.00
002535	CSM001	09/22/96	22	177.8	1	163.4	9.1	1	18,531,000	1	546.9	0.386	1	96.1	1.00
002535	CSM001	09/22/96	23	131.9	1	163.6	8.9	1	16,424,000	1	359.6	0.395	1	83.3	1.00
002535	CSM001	09/23/96	0	146.4	1	157.0	9.2	1	16,862,000	1	409.8	0.367	1	88.4	1.00
002535	CSM001	09/23/96	1	195.3	1	155.7	9.5	1	18,227,000	1	590.9	0.352	1	98.7	1.00
002535	CSM001	09/23/96	2	189.6	1	158.8	9.4	1	18,292,000	1	575.7	0.363	1	98.0	1.00
002535	CSM001	09/23/96	3	204.1	1	159.4	9.5	1	18,527,000	1	627.7	0.361	1	100.3	1.00
002535	CSM001	09/23/96	4	202.4	1	163.0	9.4	1	18,493,000	1	621.3	0.373	1	99.1	1.00
002535	CSM001	09/23/96	5	251.3	1	166.3	9.8	1	21,120,000	1	881.0	0.365	1	118.0	1.00
002535	CSM001	09/23/96	6	260.3	1	172.5	10.1	1	20,806,000	1	899.0	0.367	1	119.8	1.00
002535	CSM001	09/23/96	7	256.3	1	172.3	9.9	1	20,791,000	1	884.6	0.374	1	117.3	1.00
002535	CSM001	09/23/96	8	366.6	1	169.8	10.6	1	23,974,000	1	1459.0	0.344	1	144.9	1.00
002535	CSM001	09/23/96	9	306.1	1	176.2	10.1	1	21,863,000	1	1110.9	0.375	1	125.9	1.00
002535	CSM001	09/23/96	10	351.3	1	175.7	10.4	1	22,695,000	1	1323.5	0.363	1	134.5	1.00
002535	CSM001	09/23/96	11	280.2	1	169.3	10.1	1	21,742,000	1	1011.3	0.360	1	125.2	1.00
002535	CSM001	09/23/96	12	321.4	6	0.0	10.4	6	22,465,000	1	1198.6	0.376	11	133.2	1.00
002535	CSM001	09/23/96	13	321.4	6	0.0	10.4	6	22,473,000	1	1199.0	0.376	11	133.2	1.00
002535	CSM001	09/23/96	14	362.6	1	178.4	10.6	1	23,562,000	1	1418.2	0.362	1	142.4	1.00
002535	CSM001	09/23/96	15	477.9	1	252.9	10.8	1	26,355,000	1	2090.8	0.503	1	162.2	1.00
002535	CSM001	09/23/96	16	519.6	1	208.9	10.9	1	27,086,000	1	2336.3	0.412	1	168.3	1.00
002535	CSM001	09/23/96	17	486.6	1	188.4	10.7	1	27,537,000	1	2224.3	0.378	1	167.9	1.00
002535	CSM001	09/23/96	18	485.2	1	182.6	10.9	1	27,017,000	1	2176.0	0.360	1	167.9	1.00
002535	CSM001	09/23/96	19	473.2	1	201.2	10.9	1	26,892,000	1	2112.4	0.397	1	167.1	1.00
002535	CSM001	09/23/96	20	427.8	1	202.1	10.9	1	25,531,000	1	1813.1	0.398	1	158.6	1.00
002535	CSM001	09/23/96	21	344.9	1	189.3	10.4	1	23,658,000	1	1354.5	0.391	1	140.2	1.00
002535	CSM001	09/23/96	22	318.0	1	187.7	9.9	1	22,617,000	1	1193.9	0.407	1	127.6	1.00
002535	CSM001	09/23/96	23	260.2	1	161.0	9.7	1	19,689,000	1	850.4	0.357	1	108.9	1.00
002535	CSM001	09/24/96	0	139.1	1	127.1	9.0	1	17,027,000	1	393.2	0.304	1	87.3	1.00
002535	CSM001	09/24/96	1	167.2	1	173.8	9.3	1	17,517,000	1	486.2	0.402	1	92.9	1.00
002535	CSM001	09/24/96	2	157.2	1	168.5	9.3	1	17,546,000	1	457.9	0.389	1	93.0	1.00
002535	CSM001	09/24/96	3	164.5	1	169.8	9.3	1	17,684,000	1	482.9	0.392	1	93.7	1.00
002535	CSM001	09/24/96	4	190.9	1	175.0	9.4	1	18,722,000	1	593.3	0.400	1	100.3	1.00
002535	CSM001	09/24/96	5	165.6	1	166.0	9.4	1	17,833,000	1	490.2	0.380	1	95.5	1.00
002535	CSM001	09/24/96	6	319.3	1	197.9	10.0	1	22,444,000	1	1189.6	0.425	1	127.9	1.00
002535	CSM001	09/24/96	7	381.1	1	193.2	10.7	1	24,935,000	1	1577.5	0.388	1	152.1	1.00
002535	CSM001	09/24/96	8	424.1	1	194.1	10.7	1	24,804,000	1	1746.2	0.390	1	151.3	1.00
002535	CSM001	09/24/96	9	480.2	1	196.6	10.7	1	26,724,000	1	2130.3	0.395	1	163.0	1.00
002535	CSM001	09/24/96	10	495.1	1	193.1	10.7	1	26,345,000	1	2165.2	0.388	1	160.7	1.00
002535	CSM001	09/24/96	11	498.3	1	193.3	10.6	1	26,645,000	1	2204.0	0.392	1	161.0	1.00
002535	CSM001	09/24/96	12	504.7	1	188.7	10.6	1	26,431,000	1	2214.4	0.383	1	159.7	1.00
002535	CSM001	09/24/96	13	493.6	1	185.8	10.6	1	26,212,000	1	2147.7	0.377	1	158.4	1.00
002535	CSM001	09/24/96	14	483.1	1	188.3	10.6	1	26,193,000	1	2100.5	0.382	1	158.3	1.00
002535	CSM001	09/24/96	15	491.6	1	191.0	10.5	1	26,359,000	1	2151.0	0.391	1	157.8	1.00
002535	CSM001	09/24/96	16	463.8	1	184.0	10.5	1	26,412,000	1	2033.5	0.377	1	158.1	1.00
002535	CSM001	09/24/96	17	446.7	1	187.7	10.4	1	26,522,000	1	1966.7	0.388	1	157.2	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM001	09/24/96	18	427.8	1	184.5	10.4	1	25,914,000	1	1840.3	0.381	1	153.6	1.00
002535	CSM001	09/24/96	19	429.4	1	184.9	10.5	1	26,135,000	1	1862.9	0.378	1	156.4	1.00
002535	CSM001	09/24/96	20	367.7	1	179.5	10.2	1	24,257,000	1	1480.6	0.378	1	141.0	1.00
002535	CSM001	09/24/96	21	306.0	1	174.4	10.2	1	22,778,000	1	1157.0	0.367	1	132.4	1.00
002535	CSM001	09/24/96	22	258.3	1	166.0	9.8	1	21,516,000	1	922.6	0.364	1	120.2	1.00
002535	CSM001	09/24/96	23	150.7	1	162.3	9.0	1	17,102,000	1	427.8	0.388	1	87.7	1.00
002535	CSM001	09/25/96	0	191.4	1	165.7	9.4	1	18,280,000	1	580.8	0.379	1	97.9	1.00
002535	CSM001	09/25/96	1	195.9	1	171.6	9.4	1	18,970,000	1	616.9	0.392	1	101.6	1.00
002535	CSM001	09/25/96	2	146.7	1	164.3	9.1	1	17,159,000	1	417.9	0.388	1	89.0	1.00
002535	CSM001	09/25/96	3	209.8	1	153.6	9.5	1	18,495,000	1	644.1	0.347	1	100.2	1.00
002535	CSM001	09/25/96	4	198.9	1	166.6	9.3	1	19,287,000	1	636.8	0.385	1	102.2	1.00
002535	CSM001	09/25/96	5	199.3	1	168.8	9.3	1	19,460,000	1	643.8	0.390	1	103.2	1.00
002535	CSM001	09/25/96	6	301.7	1	161.6	10.0	1	22,171,000	1	1110.4	0.347	1	126.4	1.00
002535	CSM001	09/25/96	7	366.5	1	161.7	10.3	1	24,115,000	1	1467.1	0.337	1	141.6	1.00
002535	CSM001	09/25/96	8	379.9	1	177.2	10.3	1	23,806,000	1	1501.3	0.370	1	139.8	1.00
002535	CSM001	09/25/96	9	394.5	1	177.5	10.3	1	24,024,000	1	1573.3	0.370	1	141.0	1.00
002535	CSM001	09/25/96	10	386.6	1	179.4	10.2	1	23,887,000	1	1533.0	0.378	1	138.9	1.00
002535	CSM001	09/25/96	11	292.7	1	181.3	9.8	1	20,718,000	1	1006.7	0.398	1	115.7	1.00
002535	CSM001	09/25/96	12	352.9	1	181.6	10.1	1	23,354,000	1	1368.1	0.386	1	134.4	1.00
002535	CSM001	09/25/96	13	274.7	1	181.2	9.9	1	21,454,000	1	1060.9	0.393	1	121.1	1.00
002535	CSM001	09/25/96	14	297.9	1	184.6	9.7	1	20,679,000	1	943.0	0.412	1	114.3	1.00
002535	CSM001	09/25/96	15	269.3	1	185.8	9.8	1	21,070,000	1	941.9	0.405	1	117.7	1.00
002535	CSM001	09/25/96	16	263.7	1	182.7	9.9	1	21,144,000	1	925.6	0.397	1	119.3	1.00
002535	CSM001	09/25/96	17	310.8	1	185.4	10.0	1	22,616,000	1	1166.8	0.398	1	128.9	1.00
002535	CSM001	09/25/96	18	364.0	1	184.1	10.2	1	23,962,000	1	1447.9	0.388	1	139.3	1.00
002535	CSM001	09/25/96	19	453.2	1	175.6	10.7	1	25,022,000	1	1882.4	0.353	1	152.6	1.00
002535	CSM001	09/25/96	20	447.8	1	172.7	10.8	1	24,895,000	1	1850.6	0.344	1	153.3	1.00
002535	CSM001	09/25/96	21	407.9	1	174.7	10.6	1	24,519,000	1	1660.2	0.354	1	148.1	1.00
002535	CSM001	09/25/96	22	265.9	1	170.5	10.0	1	19,598,000	1	865.0	0.366	1	111.7	1.00
002535	CSM001	09/25/96	23	136.0	1	140.9	9.0	1	16,344,000	1	369.0	0.336	1	83.8	1.00
002535	CSM001	09/26/96	0	193.4	1	151.1	9.5	1	18,653,000	1	598.8	0.342	1	101.0	1.00
002535	CSM001	09/26/96	1	191.0	1	157.9	9.4	1	18,765,000	1	595.0	0.361	1	100.5	1.00
002535	CSM001	09/26/96	2	129.1	1	152.8	9.2	1	16,667,000	1	357.2	0.357	1	87.4	1.00
002535	CSM001	09/26/96	3	136.5	1	130.9	9.3	1	16,300,000	1	369.3	0.303	1	86.4	1.00
002535	CSM001	09/26/96	4	182.5	1	150.3	9.5	1	18,418,000	1	558.0	0.340	1	99.7	1.00
002535	CSM001	09/26/96	5	267.7	1	170.2	10.1	1	22,599,000	1	1004.3	0.362	1	130.1	1.00
002535	CSM001	09/26/96	6	252.4	1	195.1	10.3	1	21,173,000	1	887.1	0.407	1	124.3	1.00
002535	CSM001	09/26/96	7	217.9	1	189.5	9.9	1	19,939,000	1	721.2	0.411	1	112.5	1.00
002535	CSM001	09/26/96	8	215.4	1	184.7	9.8	1	20,027,000	1	716.1	0.405	1	111.9	1.00
002535	CSM001	09/26/96	9	222.9	1	183.2	9.8	1	20,466,000	1	757.3	0.402	1	114.3	1.00
002535	CSM001	09/26/96	10	205.7	1	182.9	9.8	1	19,894,000	1	679.3	0.401	1	111.1	1.00
002535	CSM001	09/26/96	11	225.1	1	182.7	9.9	1	20,557,000	1	768.1	0.397	1	116.0	1.00
002535	CSM001	09/26/96	12	226.9	1	181.9	10.0	1	20,965,000	1	789.7	0.391	1	119.5	1.00
002535	CSM001	09/26/96	13	225.2	1	182.0	9.9	1	20,687,000	1	773.3	0.395	1	116.7	1.00
002535	CSM001	09/26/96	14	216.1	1	181.1	9.9	1	20,468,000	1	734.2	0.393	1	115.5	1.00
002535	CSM001	09/26/96	15	227.4	1	182.3	9.9	1	21,014,000	1	793.2	0.396	1	118.6	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM001	09/26/96	16	198.6	1	182.9	9.8	1	20,093,000	1	662.4	0.401	1	112.2	1.00
002535	CSM001	09/26/96	17	236.9	1	183.8	9.9	1	21,337,000	1	839.1	0.399	1	120.4	1.00
002535	CSM001	09/26/96	18	237.5	1	178.2	10.1	1	22,043,000	1	869.0	0.379	1	126.9	1.00
002535	CSM001	09/26/96	19	259.1	1	179.2	10.1	1	22,212,000	1	955.4	0.381	1	127.9	1.00
002535	CSM001	09/26/96	20	264.7	1	177.7	10.2	1	22,472,000	1	987.4	0.374	1	130.7	1.00
002535	CSM001	09/26/96	21	254.0	1	178.2	10.2	1	22,401,000	1	944.5	0.375	1	130.2	1.00
002535	CSM001	09/26/96	22	203.6	1	181.2	9.8	1	20,070,000	1	678.3	0.397	1	112.1	1.00
002535	CSM001	09/26/96	23	207.2	1	177.1	9.9	1	21,232,000	1	730.3	0.384	1	119.8	1.00
002535	CSM001	09/27/96	0	172.0	1	178.9	9.7	1	19,853,000	1	566.8	0.396	1	109.8	1.00
002535	CSM001	09/27/96	1	175.8	1	179.8	9.7	1	19,584,000	1	571.5	0.398	1	108.3	1.00
002535	CSM001	09/27/96	2	177.6	1	179.4	9.7	1	19,854,000	1	585.3	0.397	1	109.8	1.00
002535	CSM001	09/27/96	3	185.6	1	178.9	9.8	1	20,178,000	1	621.7	0.392	1	112.7	1.00
002535	CSM001	09/27/96	4	220.7	1	178.0	9.9	1	21,716,000	1	795.6	0.386	1	122.5	1.00
002535	CSM001	09/27/96	5	318.3	1	178.6	10.5	1	25,201,000	1	1331.6	0.366	1	150.8	1.00
002535	CSM001	09/27/96	6	323.6	1	191.9	10.8	1	23,589,000	1	1267.1	0.382	1	145.2	1.00
002535	CSM001	09/27/96	7	265.1	1	189.0	10.5	1	22,646,000	1	996.6	0.387	1	135.5	1.00
002535	CSM001	09/27/96	8	331.9	1	221.9	10.6	1	22,982,000	1	1266.2	0.450	1	138.9	1.00
002535	CSM001	09/27/96	9	296.5	1	190.2	10.7	1	23,190,000	1	1141.4	0.382	1	141.4	1.00
002535	CSM001	09/27/96	10	321.8	1	183.1	10.8	1	23,400,000	1	1250.0	0.364	1	144.1	1.00
002535	CSM001	09/27/96	11	304.3	1	186.9	10.8	1	24,141,000	1	1219.5	0.372	1	148.6	1.00
002535	CSM001	09/27/96	12	309.8	1	188.9	10.8	1	24,485,000	1	1259.2	0.376	1	150.7	1.00
002535	CSM001	09/27/96	13	316.1	1	191.0	10.8	1	24,941,000	1	1308.7	0.380	1	153.5	1.00
002535	CSM001	09/27/96	14	315.4	1	190.2	10.8	1	24,496,000	1	1282.5	0.378	1	150.8	1.00
002535	CSM001	09/27/96	15	316.4	1	189.5	10.7	1	24,250,000	1	1273.7	0.381	1	147.9	1.00
002535	CSM001	09/27/96	16	315.2	1	189.9	10.7	1	24,247,000	1	1268.7	0.381	1	147.9	1.00
002535	CSM001	09/27/96	17	317.1	1	192.9	10.6	1	24,849,000	1	1308.0	0.391	1	150.1	1.00
002535	CSM001	09/27/96	18	288.8	1	182.3	10.7	1	24,552,000	1	1177.0	0.366	1	149.7	1.00
002535	CSM001	09/27/96	19	285.0	1	183.7	10.6	1	24,599,000	1	1163.8	0.372	1	148.6	1.00
002535	CSM001	09/27/96	20	268.2	1	184.2	10.4	1	23,859,000	1	1062.2	0.381	1	141.4	1.00
002535	CSM001	09/27/96	21	291.6	1	182.5	10.2	1	23,536,000	1	1139.3	0.385	1	136.8	1.00
002535	CSM001	09/27/96	22	265.0	1	173.4	10.3	1	22,842,000	1	1004.8	0.362	1	134.1	1.00
002535	CSM001	09/27/96	23	219.9	1	172.0	10.0	1	20,827,000	1	760.3	0.370	1	118.7	1.00
002535	CSM001	09/28/96	0	283.0	1	181.8	10.1	1	22,828,000	1	1072.4	0.387	1	131.4	1.00
002535	CSM001	09/28/96	1	358.0	1	182.5	10.5	1	26,349,000	1	1565.9	0.374	1	157.7	1.00
002535	CSM001	09/28/96	2	318.9	1	173.1	10.4	1	24,060,000	1	1273.7	0.358	1	142.6	1.00
002535	CSM001	09/28/96	3	354.2	1	174.6	10.5	1	25,181,000	1	1480.6	0.357	1	150.7	1.00
002535	CSM001	09/28/96	4	305.4	1	172.1	10.4	1	23,621,000	1	1197.5	0.356	1	140.0	1.00
002535	CSM001	09/28/96	5	273.2	1	169.5	10.2	1	23,239,000	1	1053.9	0.357	1	135.1	1.00
002535	CSM001	09/28/96	6	237.9	1	181.2	10.1	1	20,633,000	1	814.8	0.386	1	118.8	1.00
002535	CSM001	09/28/96	7	323.7	1	184.7	10.6	1	23,886,000	1	1283.5	0.374	1	144.3	1.00
002535	CSM001	09/28/96	8	315.3	1	179.7	10.7	1	24,553,000	1	1285.1	0.361	1	149.7	1.00
002535	CSM001	09/28/96	9	268.0	1	172.8	10.4	1	22,741,000	1	1011.7	0.357	1	134.8	1.00
002535	CSM001	09/28/96	10	241.3	1	180.6	10.1	1	20,738,000	1	830.7	0.384	1	119.4	1.00
002535	CSM001	09/28/96	11	296.8	1	185.7	10.3	1	23,015,000	1	1133.9	0.387	1	135.1	1.00
002535	CSM001	09/28/96	12	329.5	1	184.8	10.6	1	24,603,000	1	1345.7	0.375	1	148.7	1.00
002535	CSM001	09/28/96	13	354.2	1	187.0	10.7	1	25,500,000	1	1499.3	0.376	1	155.5	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM001	09/28/96	14	336.9	1	186.9	10.6	1	24,502,000	1	1370.3	0.379	1	148.0	1.00
002535	CSM001	09/28/96	15	345.7	1	187.6	10.8	1	25,131,000	1	1442.2	0.373	1	154.7	1.00
002535	CSM001	09/28/96	16	341.6	1	188.2	10.9	1	25,027,000	1	1419.2	0.371	1	155.5	1.00
002535	CSM001	09/28/96	17	351.6	1	186.7	10.9	1	25,163,000	1	1468.7	0.368	1	156.3	1.00
002535	CSM001	09/28/96	18	343.9	1	183.9	10.9	1	25,045,000	1	1429.8	0.363	1	155.6	1.00
002535	CSM001	09/28/96	19	277.0	1	174.4	10.5	1	22,763,000	1	1046.7	0.357	1	136.2	1.00
002535	CSM001	09/28/96	20	328.1	1	185.9	10.7	1	24,380,000	1	1327.8	0.373	1	148.7	1.00
002535	CSM001	09/28/96	21	300.7	1	179.7	10.6	1	23,809,000	1	1188.5	0.364	1	143.9	1.00
002535	CSM001	09/28/96	22	243.6	1	183.1	10.3	1	21,874,000	1	884.5	0.382	1	128.4	1.00
002535	CSM001	09/28/96	23	194.1	1	187.7	9.9	1	20,118,000	1	648.2	0.407	1	113.5	1.00
002535	CSM001	09/29/96	0	194.4	1	184.4	10.0	1	20,708,000	1	668.3	0.396	1	118.0	1.00
002535	CSM001	09/29/96	1	257.3	1	180.2	10.4	1	22,880,000	1	977.2	0.372	1	135.6	1.00
002535	CSM001	09/29/96	2	267.0	1	193.2	10.6	1	23,573,000	1	1044.8	0.384	1	142.4	1.00
002535	CSM001	09/29/96	3	282.6	1	189.0	10.6	1	23,640,000	1	1109.0	0.391	1	142.8	1.00
002535	CSM001	09/29/96	4	246.8	1	193.3	10.4	1	22,462,000	1	920.2	0.399	1	133.2	1.00
002535	CSM001	09/29/96	5	184.4	1	184.0	10.0	1	19,871,000	1	608.3	0.395	1	113.3	1.00
002535	CSM001	09/29/96	6	194.1	1	190.0	10.1	1	19,785,000	1	637.5	0.404	1	113.9	1.00
002535	CSM001	09/29/96	7	177.7	1	184.9	9.9	1	19,679,000	1	580.5	0.401	1	111.0	1.00
002535	CSM001	09/29/96	8	195.4	1	184.6	10.0	1	20,563,000	1	667.0	0.397	1	117.2	1.00
002535	CSM001	09/29/96	9	221.6	1	186.4	10.2	1	21,981,000	1	808.6	0.393	1	127.8	1.00
002535	CSM001	09/29/96	10	248.1	1	185.0	10.4	1	22,751,000	1	937.0	0.382	1	134.9	1.00
002535	CSM001	09/29/96	11	232.0	1	178.9	10.4	1	22,160,000	1	853.4	0.370	1	131.4	1.00
002535	CSM001	09/29/96	12	204.6	1	180.0	10.0	1	20,455,000	1	694.7	0.387	1	116.6	1.00
002535	CSM001	09/29/96	13	200.5	1	181.7	10.0	1	20,550,000	1	684.0	0.391	1	117.1	1.00
002535	CSM001	09/29/96	14	281.4	1	190.4	10.5	1	24,179,000	1	1129.5	0.390	1	144.7	1.00
002535	CSM001	09/29/96	15	313.9	1	177.9	10.9	1	25,978,000	1	1353.6	0.351	1	161.4	1.00
002535	CSM001	09/29/96	16	287.1	1	164.8	10.9	1	24,295,000	1	1157.9	0.325	1	150.9	1.00
002535	CSM001	09/29/96	17	290.6	1	167.4	11.0	1	24,666,000	1	1189.9	0.327	1	154.7	1.00
002535	CSM001	09/29/96	18	292.9	1	170.1	11.0	1	25,071,000	1	1219.0	0.332	1	157.2	1.00
002535	CSM001	09/29/96	19	282.4	1	171.7	10.9	1	24,698,000	1	1157.8	0.339	1	153.4	1.00
002535	CSM001	09/29/96	20	294.7	1	196.2	10.8	1	24,765,000	1	1211.5	0.390	1	152.5	1.00
002535	CSM001	09/29/96	21	239.5	1	192.5	10.5	1	23,009,000	1	914.8	0.394	1	137.7	1.00
002535	CSM001	09/29/96	22	236.8	1	194.1	10.4	1	22,948,000	1	902.1	0.401	1	136.0	1.00
002535	CSM001	09/29/96	23	162.7	1	192.4	10.0	1	19,754,000	1	533.5	0.414	1	112.6	1.00
002535	CSM001	09/30/96	0	219.5	1	195.3	10.0	1	21,688,000	1	790.2	0.420	1	123.6	1.00
002535	CSM001	09/30/96	1	276.2	1	187.4	10.4	1	23,504,000	1	1077.6	0.387	1	139.3	1.00
002535	CSM001	09/30/96	2	315.3	1	173.7	11.0	1	25,200,000	1	1319.0	0.339	1	158.0	1.00
002535	CSM001	09/30/96	3	300.4	1	164.7	11.0	1	24,230,000	1	1208.3	0.322	1	151.9	1.00
002535	CSM001	09/30/96	4	311.0	1	177.9	10.7	1	24,094,000	1	1243.9	0.357	1	146.9	1.00
002535	CSM001	09/30/96	5	325.9	1	171.0	11.0	1	24,980,000	1	1351.4	0.334	1	156.6	1.00
002535	CSM001	09/30/96	6	262.2	1	182.9	10.6	1	21,588,000	1	939.6	0.369	1	130.4	1.00
002535	CSM001	09/30/96	7	229.0	1	182.9	10.1	1	20,974,000	1	797.3	0.389	1	120.7	1.00
002535	CSM001	09/30/96	8	301.7	1	190.3	10.6	1	23,812,000	1	1192.6	0.386	1	143.9	1.00
002535	CSM001	09/30/96	9	244.1	1	177.4	10.4	1	22,291,000	1	903.2	0.367	1	132.1	1.00
002535	CSM001	09/30/96	10	292.9	1	186.7	10.4	1	23,008,000	1	1118.7	0.386	1	136.4	1.00
002535	CSM001	09/30/96	11	254.4	1	181.3	10.4	1	22,487,000	1	949.6	0.375	1	133.3	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM001	09/30/96	12	343.3	1	190.8	10.8	1	24,981,000	1	1423.6	0.380	1	153.8	1.00
002535	CSM001	09/30/96	13	319.9	1	176.8	10.9	1	23,909,000	1	1269.6	0.349	1	148.5	1.00
002535	CSM001	09/30/96	14	304.2	1	178.6	10.7	1	23,446,000	1	1184.0	0.359	1	143.0	1.00
002535	CSM001	09/30/96	15	305.4	1	179.2	10.6	1	23,556,000	1	1194.2	0.363	1	142.3	1.00
002535	CSM001	09/30/96	16	355.4	1	186.2	10.9	1	24,772,000	1	1461.5	0.367	1	153.9	1.00
002535	CSM001	09/30/96	17	348.1	1	190.5	10.9	1	24,954,000	1	1442.0	0.376	1	155.0	1.00
002535	CSM001	09/30/96	18	355.8	1	192.5	10.8	1	24,863,000	1	1468.5	0.383	1	153.1	1.00
002535	CSM001	09/30/96	19	349.2	1	193.6	10.8	1	24,888,000	1	1442.7	0.385	1	153.2	1.00
002535	CSM001	09/30/96	20	331.3	1	189.9	10.8	1	24,556,000	1	1350.5	0.378	1	151.2	1.00
002535	CSM001	09/30/96	21	334.5	1	188.1	10.7	1	24,367,000	1	1353.0	0.378	1	148.6	1.00
002535	CSM001	09/30/96	22	225.4	1	175.6	10.1	1	20,677,000	1	773.7	0.374	1	119.0	1.00
002535	CSM001	09/30/96	23	242.9	1	180.3	10.0	1	21,580,000	1	870.1	0.388	1	123.0	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	07/01/96	0	98.8	1	166.0	9.9	1	14,752,000	1	241.9	0.377	1	83.2	1.00
002535	CSM002	07/01/96	1	98.4	1	168.0	9.9	1	14,749,000	1	240.9	0.382	1	83.2	1.00
002535	CSM002	07/01/96	2	97.8	1	174.9	10.0	1	14,681,000	1	238.3	0.393	1	83.7	1.00
002535	CSM002	07/01/96	3	95.6	1	173.2	10.0	1	14,619,000	1	232.0	0.389	1	83.3	1.00
002535	CSM002	07/01/96	4	94.0	1	173.4	10.1	1	14,827,000	1	231.4	0.386	1	85.4	1.00
002535	CSM002	07/01/96	5	130.6	1	181.0	10.4	1	16,425,000	1	356.1	0.391	1	97.4	1.00
002535	CSM002	07/01/96	6	223.0	1	164.6	11.8	1	22,187,000	1	821.3	0.313	1	149.2	1.00
002535	CSM002	07/01/96	7	79.5	1	171.3	11.6	1	25,990,000	1	343.0	0.332	1	171.8	1.00
002535	CSM002	07/01/96	8	72.5	1	165.8	11.7	1	26,178,000	1	315.1	0.319	1	174.6	1.00
002535	CSM002	07/01/96	9	84.0	1	182.0	11.8	1	26,150,000	1	364.6	0.347	1	175.9	1.00
002535	CSM002	07/01/96	10	87.7	1	167.1	11.9	1	25,773,000	1	375.2	0.316	1	174.8	1.00
002535	CSM002	07/01/96	11	84.8	1	188.2	11.3	1	26,855,000	1	378.0	0.374	1	173.0	1.00
002535	CSM002	07/01/96	12	78.6	6	0.0	11.3	6	20,841,000	1	271.9	0.373	11	134.2	1.00
002535	CSM002	07/01/96	13	78.6	6	0.0	11.3	6	20,979,000	1	273.7	0.373	11	135.1	1.00
002535	CSM002	07/01/96	14	78.6	6	0.0	11.3	6	20,646,000	1	269.4	0.378	11	133.0	1.00
002535	CSM002	07/01/96	15	72.4	1	218.2	11.3	1	23,523,000	1	282.7	0.434	1	151.5	1.00
002535	CSM002	07/01/96	16	59.4	1	220.5	11.3	1	22,091,000	1	217.8	0.439	1	142.3	1.00
002535	CSM002	07/01/96	17	54.0	1	204.6	10.8	1	21,626,000	1	193.9	0.426	1	133.1	1.00
002535	CSM002	07/01/96	18	26.9	1	202.2	10.7	1	17,319,000	1	77.3	0.425	1	105.6	1.00
002535	CSM002	07/01/96	19	27.4	1	188.5	10.7	1	17,665,000	1	80.3	0.396	1	107.7	1.00
002535	CSM002	07/01/96	20	54.3	1	201.0	10.8	1	18,303,000	1	165.0	0.418	1	112.7	1.00
002535	CSM002	07/01/96	21	96.8	1	181.9	10.9	1	21,888,000	1	351.7	0.375	1	136.0	1.00
002535	CSM002	07/01/96	22	62.7	1	180.5	10.4	1	19,709,000	1	205.1	0.390	1	116.8	1.00
002535	CSM002	07/01/96	23	51.8	1	169.6	10.4	1	17,807,000	1	153.1	0.367	1	105.6	1.00
002535	CSM002	07/02/96	0	45.0	1	139.8	10.0	1	15,046,000	1	112.4	0.314	1	85.8	1.00
002535	CSM002	07/02/96	1	19.2	1	162.6	9.7	1	14,789,000	1	47.1	0.377	1	81.8	1.00
002535	CSM002	07/02/96	2	19.9	1	161.9	9.6	1	14,954,000	1	49.4	0.379	1	81.8	1.00
002535	CSM002	07/02/96	3	12.6	1	164.6	9.6	1	14,883,000	1	31.1	0.386	1	81.4	1.00
002535	CSM002	07/02/96	4	15.1	1	164.7	9.6	1	14,912,000	1	37.4	0.386	1	81.6	1.00
002535	CSM002	07/02/96	5	17.7	1	165.0	9.7	1	14,804,000	1	43.5	0.382	1	81.9	1.00
002535	CSM002	07/02/96	6	60.0	6	149.3	10.3	1	15,045,000	1	149.8	0.326	1	88.3	1.00
002535	CSM002	07/02/96	7	60.0	6	147.6	10.7	1	17,084,000	1	170.2	0.310	1	104.2	1.00
002535	CSM002	07/02/96	8	60.0	6	232.9	12.6	1	21,408,000	1	213.2	0.416	1	153.8	1.00
002535	CSM002	07/02/96	9	102.2	1	222.1	12.3	1	25,163,000	1	427.2	0.406	1	176.6	1.00
002535	CSM002	07/02/96	10	123.6	1	222.2	12.2	1	24,938,000	1	511.7	0.409	1	173.4	1.00
002535	CSM002	07/02/96	11	109.8	1	221.4	12.3	1	24,900,000	1	453.8	0.405	1	174.6	1.00
002535	CSM002	07/02/96	12	106.5	1	221.9	12.3	1	24,857,000	1	439.4	0.406	1	174.3	1.00
002535	CSM002	07/02/96	13	109.6	1	222.9	12.3	1	24,872,000	1	452.5	0.407	1	174.4	1.00
002535	CSM002	07/02/96	14	123.7	1	223.5	12.3	1	24,987,000	1	513.1	0.409	1	175.2	1.00
002535	CSM002	07/02/96	15	121.5	1	222.6	12.2	1	25,071,000	1	505.7	0.410	1	174.3	1.00
002535	CSM002	07/02/96	16	130.8	1	222.1	12.3	1	25,211,000	1	547.4	0.406	1	176.8	1.00
002535	CSM002	07/02/96	17	134.5	1	221.9	12.2	1	25,431,000	1	567.8	0.409	1	176.8	1.00
002535	CSM002	07/02/96	18	131.7	1	217.7	12.1	1	25,240,000	1	551.8	0.404	1	174.1	1.00
002535	CSM002	07/02/96	19	132.9	1	221.5	12.0	1	25,249,000	1	557.0	0.415	1	172.7	1.00
002535	CSM002	07/02/96	20	126.9	1	220.0	11.9	1	25,315,000	1	533.3	0.416	1	171.7	1.00
002535	CSM002	07/02/96	21	102.4	1	207.2	11.6	1	23,799,000	1	404.5	0.402	1	157.4	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	07/02/96	22	53.2	1	193.2	10.9	1	18,731,000	1	165.4	0.398	1	116.4	1.00
002535	CSM002	07/02/96	23	51.1	1	198.7	10.8	1	19,628,000	1	166.5	0.414	1	120.8	1.00
002535	CSM002	07/03/96	0	29.1	1	157.7	10.6	1	16,399,000	1	79.2	0.335	1	99.1	1.00
002535	CSM002	07/03/96	1	91.6	1	172.9	10.4	1	16,618,000	1	252.7	0.374	1	98.5	1.00
002535	CSM002	07/03/96	2	86.6	1	176.7	10.4	1	16,359,000	1	235.2	0.382	1	97.0	1.00
002535	CSM002	07/03/96	3	89.0	1	177.6	10.4	1	16,412,000	1	242.5	0.384	1	97.3	1.00
002535	CSM002	07/03/96	4	94.3	1	177.5	10.4	1	16,312,000	1	255.3	0.384	1	96.7	1.00
002535	CSM002	07/03/96	5	94.0	1	179.9	10.4	1	16,257,000	1	253.7	0.389	1	96.4	1.00
002535	CSM002	07/03/96	6	97.2	1	194.8	10.7	1	16,476,000	1	265.8	0.409	1	100.5	1.00
002535	CSM002	07/03/96	7	96.5	1	187.4	10.8	1	16,586,000	1	265.7	0.390	1	102.1	1.00
002535	CSM002	07/03/96	8	83.7	1	194.3	11.4	1	17,589,000	1	244.4	0.383	1	114.3	1.00
002535	CSM002	07/03/96	9	90.4	1	202.1	11.4	1	17,483,000	1	262.4	0.398	1	113.6	1.00
002535	CSM002	07/03/96	10	78.4	1	197.3	11.4	1	17,244,000	1	224.4	0.389	1	112.1	1.00
002535	CSM002	07/03/96	11	73.0	1	197.0	11.4	1	17,159,000	1	207.9	0.389	1	111.5	1.00
002535	CSM002	07/03/96	12	76.3	1	208.5	11.4	1	17,375,000	1	220.1	0.411	1	112.9	1.00
002535	CSM002	07/03/96	13	80.9	1	216.5	11.3	1	17,587,000	1	236.2	0.431	1	113.9	1.00
002535	CSM002	07/03/96	14	88.8	1	207.8	11.0	1	17,983,000	1	265.1	0.425	1	112.8	1.00
002535	CSM002	07/03/96	15	82.5	1	202.7	11.0	1	18,189,000	1	249.1	0.414	1	114.0	1.00
002535	CSM002	07/03/96	16	84.4	1	199.4	10.9	1	18,165,000	1	254.5	0.411	1	112.9	1.00
002535	CSM002	07/03/96	17	124.2	1	202.3	11.3	1	20,743,000	1	427.7	0.402	1	133.6	1.00
002535	CSM002	07/03/96	18	93.0	1	219.4	11.9	1	25,412,000	1	392.3	0.414	1	172.4	1.00
002535	CSM002	07/03/96	19	96.1	1	219.0	11.9	1	25,499,000	1	406.8	0.414	1	173.0	1.00
002535	CSM002	07/03/96	20	70.7	1	210.9	11.8	1	23,457,000	1	275.3	0.402	1	157.8	1.00
002535	CSM002	07/03/96	21	61.2	1	210.3	11.6	1	21,027,000	1	213.6	0.408	1	139.0	1.00
002535	CSM002	07/03/96	22	44.0	1	208.5	11.3	1	19,730,000	1	144.1	0.415	1	127.1	1.00
002535	CSM002	07/03/96	23	89.1	1	206.3	10.3	1	24,152,000	1	357.2	0.450	1	141.8	1.00
002535	CSM002	07/04/96	0	112.4	1	181.1	10.3	1	35,899,000	1	669.8	0.395	1	210.8	1.00
002535	CSM002	07/04/96	1	92.7	1	174.0	10.2	1	35,643,000	1	548.5	0.383	1	207.2	1.00
002535	CSM002	07/04/96	2	78.7	1	156.4	10.0	1	33,169,000	1	433.3	0.352	1	189.1	1.00
002535	CSM002	07/04/96	3	72.9	1	155.9	9.9	1	32,578,000	1	394.2	0.354	1	183.8	1.00
002535	CSM002	07/04/96	4	44.9	1	152.4	9.7	1	30,765,000	1	229.3	0.353	1	170.1	1.00
002535	CSM002	07/04/96	5	44.5	1	152.1	9.7	1	30,447,000	1	224.9	0.353	1	168.3	1.00
002535	CSM002	07/04/96	6	98.3	6	174.4	10.4	1	31,917,000	1	520.8	0.377	1	189.2	1.00
002535	CSM002	07/04/96	7	98.3	6	196.7	10.5	1	37,697,000	1	615.1	0.421	1	225.6	1.00
002535	CSM002	07/04/96	8	152.1	1	202.5	10.6	1	39,444,000	1	995.9	0.429	1	238.3	1.00
002535	CSM002	07/04/96	9	138.4	1	196.7	10.5	1	39,766,000	1	913.6	0.421	1	238.0	1.00
002535	CSM002	07/04/96	10	114.2	1	191.8	10.5	1	39,805,000	1	754.6	0.411	1	238.2	1.00
002535	CSM002	07/04/96	11	50.9	1	183.6	10.4	1	38,115,000	1	322.0	0.397	1	225.9	1.00
002535	CSM002	07/04/96	12	43.3	1	176.2	10.3	1	36,718,000	1	263.9	0.385	1	215.6	1.00
002535	CSM002	07/04/96	13	54.2	1	172.4	10.1	1	33,196,000	1	298.7	0.384	1	191.1	1.00
002535	CSM002	07/04/96	14	61.9	1	179.6	10.1	1	32,945,000	1	338.5	0.400	1	189.7	1.00
002535	CSM002	07/04/96	15	60.7	1	177.6	10.2	1	32,934,000	1	331.8	0.391	1	191.5	1.00
002535	CSM002	07/04/96	16	78.2	1	188.1	10.4	1	34,249,000	1	444.6	0.407	1	203.0	1.00
002535	CSM002	07/04/96	17	96.0	1	201.6	10.4	1	36,170,000	1	576.4	0.436	1	214.4	1.00
002535	CSM002	07/04/96	18	77.7	1	194.3	10.4	1	35,666,000	1	460.0	0.420	1	211.4	1.00
002535	CSM002	07/04/96	19	89.2	1	188.7	10.5	1	35,857,000	1	530.9	0.404	1	214.6	1.00

Milliken DOE Data Reporting

ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LBHR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	07/04/96	20	79.5	1	194.7	10.3	1	35,733,000	1	471.6	0.425	1	209.8	1.00
002535	CSM002	07/04/96	21	59.4	1	177.9	10.3	1	32,336,000	1	318.8	0.388	1	189.8	1.00
002535	CSM002	07/04/96	22	90.1	1	190.4	10.4	1	34,987,000	1	523.3	0.412	1	207.4	1.00
002535	CSM002	07/04/96	23	62.9	1	182.8	10.2	1	33,739,000	1	352.3	0.403	1	196.2	1.00
002535	CSM002	07/05/96	0	46.7	1	164.1	10.0	1	30,475,000	1	236.2	0.369	1	173.7	1.00
002535	CSM002	07/05/96	1	32.0	1	178.9	10.1	1	30,232,000	1	160.6	0.398	1	174.0	1.00
002535	CSM002	07/05/96	2	34.5	1	187.1	10.0	1	30,205,000	1	173.0	0.421	1	172.2	1.00
002535	CSM002	07/05/96	3	37.7	1	187.5	10.0	1	30,046,000	1	188.0	0.421	1	171.3	1.00
002535	CSM002	07/05/96	4	39.7	1	186.4	10.0	1	30,120,000	1	198.5	0.419	1	171.7	1.00
002535	CSM002	07/05/96	5	41.6	1	186.6	10.1	1	29,960,000	1	206.9	0.415	1	172.5	1.00
002535	CSM002	07/05/96	6	46.8	6	188.5	10.6	1	22,352,000	1	173.6	0.400	1	135.1	1.00
002535	CSM002	07/05/96	7	46.8	6	220.3	11.2	1	16,926,000	1	131.5	0.442	1	108.1	1.00
002535	CSM002	07/05/96	8	46.8	6	0.0	11.4	6	18,968,000	1	147.4	0.380	11	123.3	1.00
002535	CSM002	07/05/96	9	46.8	6	221.9	11.5	1	18,957,000	1	147.3	0.434	1	124.3	1.00
002535	CSM002	07/05/96	10	51.9	1	212.6	11.4	1	17,961,000	1	154.7	0.419	1	116.7	1.00
002535	CSM002	07/05/96	11	106.5	1	212.0	11.2	1	17,268,000	1	305.3	0.425	1	110.2	1.00
002535	CSM002	07/05/96	12	105.6	1	209.1	11.3	1	17,142,000	1	308.7	0.416	1	110.4	1.00
002535	CSM002	07/05/96	13	107.9	1	205.6	11.3	1	17,236,000	1	308.5	0.409	1	111.0	1.00
002535	CSM002	07/05/96	14	104.4	1	206.3	11.2	1	17,231,000	1	298.6	0.414	1	110.0	1.00
002535	CSM002	07/05/96	15	98.9	1	205.5	11.3	1	17,203,000	1	282.4	0.409	1	110.8	1.00
002535	CSM002	07/05/96	16	100.1	1	207.3	11.3	1	17,260,000	1	286.8	0.413	1	111.2	1.00
002535	CSM002	07/05/96	17	112.6	1	207.8	11.2	1	17,345,000	1	324.2	0.417	1	110.7	1.00
002535	CSM002	07/05/96	18	112.2	1	207.9	11.2	1	17,277,000	1	321.8	0.417	1	110.3	1.00
002535	CSM002	07/05/96	19	103.7	1	206.5	11.3	1	17,141,000	1	295.1	0.411	1	110.9	1.00
002535	CSM002	07/05/96	20	107.4	1	207.0	11.3	1	17,222,000	1	307.0	0.412	1	110.9	1.00
002535	CSM002	07/05/96	21	91.3	1	201.5	11.1	1	16,830,000	1	255.1	0.408	1	106.5	1.00
002535	CSM002	07/05/96	22	46.2	1	178.7	10.5	1	14,679,000	1	112.6	0.383	1	87.9	1.00
002535	CSM002	07/05/96	23	103.7	1	176.0	10.3	1	13,771,000	1	237.1	0.384	1	80.8	1.00
002535	CSM002	07/06/96	0	101.4	1	179.6	10.0	1	13,869,000	1	233.4	0.404	1	79.1	1.00
002535	CSM002	07/06/96	1	109.3	1	181.2	10.1	1	13,774,000	1	249.9	0.403	1	79.3	1.00
002535	CSM002	07/06/96	2	100.9	1	180.0	10.1	1	13,894,000	1	232.7	0.401	1	80.0	1.00
002535	CSM002	07/06/96	3	102.1	1	181.4	10.1	1	14,102,000	1	239.0	0.404	1	81.2	1.00
002535	CSM002	07/06/96	4	115.2	1	182.4	10.1	1	14,193,000	1	271.4	0.406	1	81.7	1.00
002535	CSM002	07/06/96	5	116.1	1	181.2	10.1	1	14,193,000	1	271.4	0.406	1	81.8	1.00
002535	CSM002	07/06/96	6	134.0	1	193.1	10.6	1	14,434,000	1	273.9	0.403	1	81.8	1.00
002535	CSM002	07/06/96	7	177.6	1	203.2	11.0	1	15,981,000	1	321.1	0.410	1	87.2	1.00
002535	CSM002	07/06/96	8	148.8	1	213.6	11.7	1	18,773,000	1	463.7	0.415	1	100.2	1.00
002535	CSM002	07/06/96	9	117.9	1	208.4	11.6	1	18,271,000	1	463.7	0.415	1	125.2	1.00
002535	CSM002	07/06/96	10	74.1	1	201.0	11.4	1	16,529,000	1	357.6	0.404	1	120.8	1.00
002535	CSM002	07/06/96	11	74.0	1	206.1	11.4	1	16,488,000	1	203.3	0.396	1	107.4	1.00
002535	CSM002	07/06/96	12	77.4	1	204.8	11.5	1	16,355,000	1	210.1	0.406	1	107.1	1.00
002535	CSM002	07/06/96	13	81.8	1	204.8	11.4	1	16,369,000	1	222.3	0.404	1	107.2	1.00
002535	CSM002	07/06/96	14	66.2	1	200.9	11.2	1	15,849,000	1	174.2	0.403	1	101.2	1.00
002535	CSM002	07/06/96	15	26.2	1	188.4	10.6	1	13,842,000	1	60.2	0.400	1	83.6	1.00
002535	CSM002	07/06/96	16	22.4	1	201.2	10.7	1	14,114,000	1	52.5	0.423	1	86.1	1.00
002535	CSM002	07/06/96	17	30.3	1	199.5	10.8	1	14,392,000	1	72.4	0.415	1	88.6	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	07/06/96	18	67.0	1	210.7	11.2	1	16,362,000	1	182.0	0.423	1	104.5	1.00
002535	CSM002	07/06/96	19	72.2	1	211.3	11.3	1	16,274,000	1	195.0	0.420	1	104.8	1.00
002535	CSM002	07/06/96	20	64.9	1	205.7	11.2	1	16,295,000	1	175.6	0.413	1	104.0	1.00
002535	CSM002	07/06/96	21	62.3	1	203.8	11.3	1	16,268,000	1	168.2	0.405	1	104.8	1.00
002535	CSM002	07/06/96	22	51.6	1	201.2	11.2	1	15,757,000	1	135.0	0.404	1	100.6	1.00
002535	CSM002	07/06/96	23	18.9	1	177.3	10.7	1	13,923,000	1	43.7	0.373	1	84.9	1.00
002535	CSM002	07/07/96	0	15.1	1	178.1	10.6	1	14,020,000	1	35.1	0.378	1	84.7	1.00
002535	CSM002	07/07/96	1	11.2	1	177.8	10.6	1	14,124,000	1	26.3	0.377	1	85.3	1.00
002535	CSM002	07/07/96	2	8.4	1	177.5	10.7	1	13,955,000	1	19.5	0.373	1	85.1	1.00
002535	CSM002	07/07/96	3	11.3	1	180.2	10.8	1	14,351,000	1	26.9	0.375	1	88.3	1.00
002535	CSM002	07/07/96	4	8.5	1	179.5	10.7	1	14,271,000	1	20.1	0.377	1	87.0	1.00
002535	CSM002	07/07/96	5	13.2	1	179.6	10.7	1	14,389,000	1	31.5	0.377	1	87.8	1.00
002535	CSM002	07/07/96	6	31.6	1	180.9	10.6	1	14,385,000	1	75.5	0.384	1	86.9	1.00
002535	CSM002	07/07/96	7	36.0	1	185.7	10.9	1	15,001,000	1	89.6	0.383	1	93.2	1.00
002535	CSM002	07/07/96	8	64.9	1	204.4	11.1	1	16,117,000	1	173.6	0.414	1	102.0	1.00
002535	CSM002	07/07/96	9	64.6	1	210.6	11.1	1	15,951,000	1	171.1	0.427	1	100.9	1.00
002535	CSM002	07/07/96	10	63.0	1	212.8	11.3	1	15,963,000	1	166.9	0.423	1	102.8	1.00
002535	CSM002	07/07/96	11	63.1	1	211.7	11.3	1	15,943,000	1	167.0	0.421	1	102.7	1.00
002535	CSM002	07/07/96	12	92.2	1	218.1	11.6	1	17,048,000	1	260.9	0.423	1	112.7	1.00
002535	CSM002	07/07/96	13	111.9	1	221.7	11.7	1	18,241,000	1	338.8	0.426	1	121.6	1.00
002535	CSM002	07/07/96	14	108.1	1	213.0	11.7	1	17,995,000	1	322.9	0.409	1	120.0	1.00
002535	CSM002	07/07/96	15	102.4	1	213.1	11.7	1	18,054,000	1	306.9	0.409	1	120.4	1.00
002535	CSM002	07/07/96	16	103.5	1	213.8	11.6	1	18,152,000	1	311.9	0.414	1	120.0	1.00
002535	CSM002	07/07/96	17	84.7	1	214.8	11.6	1	18,173,000	1	255.5	0.416	1	120.2	1.00
002535	CSM002	07/07/96	18	129.5	1	219.5	12.0	1	20,933,000	1	450.0	0.411	1	143.2	1.00
002535	CSM002	07/07/96	19	156.1	1	221.9	12.1	1	22,500,000	1	583.0	0.412	1	155.2	1.00
002535	CSM002	07/07/96	20	133.6	1	227.6	12.3	1	23,853,000	1	529.0	0.416	1	167.2	1.00
002535	CSM002	07/07/96	21	79.2	1	231.3	12.3	1	24,903,000	1	327.4	0.423	1	174.6	1.00
002535	CSM002	07/07/96	22	61.9	1	226.5	12.2	1	24,679,000	1	253.6	0.418	1	171.6	1.00
002535	CSM002	07/07/96	23	61.5	1	206.2	11.5	1	19,178,000	1	195.8	0.403	1	125.7	1.00
002535	CSM002	07/08/96	0	84.5	1	213.3	11.4	1	18,998,000	1	266.5	0.421	1	123.4	1.00
002535	CSM002	07/08/96	1	94.3	1	215.9	11.4	1	19,181,000	1	300.3	0.426	1	124.6	1.00
002535	CSM002	07/08/96	2	93.5	1	216.1	11.3	1	19,200,000	1	298.0	0.430	1	123.7	1.00
002535	CSM002	07/08/96	3	94.2	1	215.7	11.4	1	19,069,000	1	298.2	0.426	1	123.9	1.00
002535	CSM002	07/08/96	4	97.9	1	213.0	11.4	1	18,928,000	1	307.6	0.420	1	123.0	1.00
002535	CSM002	07/08/96	5	90.1	1	212.5	11.4	1	19,115,000	1	285.9	0.419	1	124.2	1.00
002535	CSM002	07/08/96	6	113.5	1	209.3	11.6	1	18,928,000	1	356.6	0.406	1	125.2	1.00
002535	CSM002	07/08/96	7	95.1	1	205.0	11.4	1	18,989,000	1	299.8	0.404	1	123.4	1.00
002535	CSM002	07/08/96	8	202.6	1	214.1	11.9	1	22,785,000	1	766.3	0.404	1	154.6	1.00
002535	CSM002	07/08/96	9	147.1	1	215.5	12.0	1	25,403,000	1	620.3	0.404	1	173.8	1.00
002535	CSM002	07/08/96	10	139.1	1	216.1	12.0	1	25,266,000	1	583.9	0.405	1	173.0	1.00
002535	CSM002	07/08/96	11	132.7	1	220.7	12.0	1	25,308,000	1	557.5	0.414	1	173.1	1.00
002535	CSM002	07/08/96	12	139.8	1	221.9	12.1	1	25,659,000	1	595.5	0.412	1	177.0	1.00
002535	CSM002	07/08/96	13	133.5	1	222.3	12.1	1	25,492,000	1	564.9	0.413	1	175.8	1.00
002535	CSM002	07/08/96	14	126.4	1	222.2	12.1	1	25,208,000	1	528.9	0.413	1	173.9	1.00
002535	CSM002	07/08/96	15	113.4	1	204.6	11.9	1	25,085,000	1	472.2	0.386	1	170.2	1.00

Millicen DOE Data Reporting

ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	07/08/96	16	119.6	1	209.4	11.8	1	25,315,000	1	502.6	0.399	1	170.3	1.00
002535	CSM002	07/08/96	17	89.4	1	205.7	11.7	1	23,729,000	1	352.1	0.395	1	158.2	1.00
002535	CSM002	07/08/96	18	56.7	1	214.6	11.4	1	21,240,000	1	199.9	0.423	1	138.0	1.00
002535	CSM002	07/08/96	19	48.0	1	213.0	11.2	1	21,371,000	1	173.1	0.427	1	136.4	1.00
002535	CSM002	07/08/96	20	49.0	1	212.7	11.2	1	21,419,000	1	174.2	0.428	1	136.7	1.00
002535	CSM002	07/08/96	21	51.6	1	211.5	11.3	1	21,588,000	1	184.9	0.421	1	139.0	1.00
002535	CSM002	07/08/96	22	56.2	6	204.5	10.8	1	19,035,000	1	177.6	0.426	1	117.2	1.00
002535	CSM002	07/08/96	23	56.2	6	176.2	9.9	1	13,954,000	1	130.2	0.400	1	78.7	1.00
002535	CSM002	07/09/96	0	60.8	1	177.4	10.0	1	14,021,000	1	141.5	0.399	1	79.9	1.00
002535	CSM002	07/09/96	1	114.4	1	184.2	10.0	1	13,896,000	1	263.9	0.414	1	79.2	1.00
002535	CSM002	07/09/96	2	49.3	1	186.8	10.0	1	13,960,000	1	114.2	0.420	1	79.6	1.00
002535	CSM002	07/09/96	3	100.2	1	185.4	10.0	1	13,824,000	1	229.9	0.417	1	78.8	1.00
002535	CSM002	07/09/96	4	132.5	1	184.7	10.0	1	13,937,000	1	306.5	0.415	1	79.4	1.00
002535	CSM002	07/09/96	5	54.7	1	186.0	10.1	1	14,165,000	1	128.6	0.414	1	81.5	1.00
002535	CSM002	07/09/96	6	50.9	6	205.1	11.4	1	18,199,000	1	153.8	0.405	1	118.3	1.00
002535	CSM002	07/09/96	7	50.9	6	189.0	11.5	1	19,351,000	1	163.5	0.369	1	126.8	1.00
002535	CSM002	07/09/96	8	47.1	1	202.2	11.4	1	19,442,000	1	152.0	0.399	1	126.3	1.00
002535	CSM002	07/09/96	9	47.8	1	205.4	11.4	1	19,482,000	1	154.6	0.405	1	126.6	1.00
002535	CSM002	07/09/96	10	77.9	1	207.0	11.4	1	20,044,000	1	259.2	0.408	1	130.2	1.00
002535	CSM002	07/09/96	11	119.3	1	203.4	11.7	1	22,401,000	1	416.1	0.391	1	149.4	1.00
002535	CSM002	07/09/96	12	119.3	1	207.2	11.6	1	22,527,000	1	446.1	0.401	1	148.9	1.00
002535	CSM002	07/09/96	13	197.7	1	190.3	12.1	1	25,830,000	1	847.7	0.354	1	178.1	1.00
002535	CSM002	07/09/96	14	156.0	1	215.3	12.1	1	25,984,000	1	672.9	0.400	1	179.2	1.00
002535	CSM002	07/09/96	15	124.2	1	219.9	12.0	1	25,808,000	1	532.1	0.412	1	176.5	1.00
002535	CSM002	07/09/96	16	105.6	1	216.4	12.0	1	25,785,000	1	452.0	0.405	1	176.4	1.00
002535	CSM002	07/09/96	17	108.0	1	212.4	12.1	1	25,604,000	1	459.0	0.395	1	176.6	1.00
002535	CSM002	07/09/96	18	94.9	1	219.2	12.0	1	25,383,000	1	399.9	0.411	1	173.6	1.00
002535	CSM002	07/09/96	19	103.7	1	221.4	11.9	1	25,442,000	1	438.0	0.418	1	172.6	1.00
002535	CSM002	07/09/96	20	89.7	1	209.6	12.0	1	24,929,000	1	371.2	0.393	1	170.5	1.00
002535	CSM002	07/09/96	21	55.1	1	201.4	11.8	1	23,088,000	1	211.2	0.384	1	155.3	1.00
002535	CSM002	07/09/96	22	59.0	6	207.2	11.2	1	18,241,000	1	178.7	0.416	1	116.5	1.00
002535	CSM002	07/09/96	23	62.9	1	202.1	11.0	1	17,455,000	1	182.3	0.413	1	109.4	1.00
002535	CSM002	07/10/96	0	86.4	1	202.7	11.0	1	17,405,000	1	249.6	0.414	1	109.1	1.00
002535	CSM002	07/10/96	1	81.5	1	201.1	11.0	1	17,484,000	1	236.5	0.411	1	109.6	1.00
002535	CSM002	07/10/96	2	80.8	1	202.5	11.0	1	17,498,000	1	234.7	0.414	1	109.7	1.00
002535	CSM002	07/10/96	3	87.5	1	205.1	11.2	1	17,369,000	1	252.3	0.412	1	110.9	1.00
002535	CSM002	07/10/96	4	81.0	1	205.1	11.3	1	17,226,000	1	231.6	0.408	1	111.0	1.00
002535	CSM002	07/10/96	5	88.4	1	205.6	11.3	1	17,201,000	1	252.4	0.409	1	110.8	1.00
002535	CSM002	07/10/96	6	96.8	6	218.0	11.5	1	17,078,000	1	274.4	0.426	1	111.9	1.00
002535	CSM002	07/10/96	7	96.8	6	219.0	11.6	1	17,051,000	1	274.0	0.424	1	112.7	1.00
002535	CSM002	07/10/96	8	105.2	1	209.9	11.3	1	17,529,000	1	306.1	0.418	1	112.9	1.00
002535	CSM002	07/10/96	9	139.3	1	204.9	11.7	1	19,752,000	1	456.7	0.394	1	131.7	1.00
002535	CSM002	07/10/96	10	125.4	1	206.7	11.9	1	21,863,000	1	455.1	0.390	1	148.3	1.00
002535	CSM002	07/10/96	11	139.8	1	210.0	11.9	1	21,752,000	1	504.8	0.397	1	147.5	1.00
002535	CSM002	07/10/96	12	93.1	1	215.1	12.2	1	25,301,000	1	391.0	0.396	1	175.9	1.00
002535	CSM002	07/10/96	13	57.3	1	218.5	12.2	1	24,881,000	1	236.7	0.403	1	173.0	1.00

Milliken DOE Data Reporting

ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	07/10/96	14	55.7	1	219.8	12.1	1	25,150,000	1	232.5	0.408	1	173.5	1.00
002535	CSM002	07/10/96	15	43.8	1	217.6	12.1	1	25,048,000	1	182.1	0.404	1	172.8	1.00
002535	CSM002	07/10/96	16	33.8	6	215.8	11.1	1	18,271,000	1	102.5	0.437	1	115.6	1.00
002535	CSM002	07/10/96	17	23.7	1	199.4	11.0	1	16,614,000	1	65.4	0.408	1	104.2	1.00
002535	CSM002	07/10/96	18	133.8	1	209.3	11.8	1	22,533,000	1	500.5	0.399	1	151.6	1.00
002535	CSM002	07/10/96	19	51.6	1	215.1	11.9	1	23,582,000	1	202.0	0.406	1	160.0	1.00
002535	CSM002	07/10/96	20	49.9	6	207.2	11.7	1	22,019,000	1	182.4	0.398	1	146.8	1.00
002535	CSM002	07/10/96	21	48.2	1	203.8	11.1	1	17,284,000	1	138.3	0.413	1	109.4	1.00
002535	CSM002	07/10/96	22	33.2	1	194.6	10.9	1	16,469,000	1	90.8	0.401	1	102.3	1.00
002535	CSM002	07/10/96	23	177.6	9	181.1	10.4	1	14,894,000	1	439.1	0.392	1	88.3	1.00
002535	CSM002	07/11/96	0	177.6	9	182.4	10.3	1	14,817,000	1	436.8	0.398	1	87.0	1.00
002535	CSM002	07/11/96	1	177.6	9	182.0	10.4	1	14,912,000	1	439.6	0.393	1	88.4	1.00
002535	CSM002	07/11/96	2	177.6	9	182.7	10.5	1	14,733,000	1	434.4	0.391	1	88.2	1.00
002535	CSM002	07/11/96	3	177.6	9	178.1	10.5	1	14,777,000	1	435.6	0.381	1	88.4	1.00
002535	CSM002	07/11/96	4	177.6	9	183.9	10.9	1	16,198,000	1	477.5	0.379	1	100.6	1.00
002535	CSM002	07/11/96	5	177.6	9	200.6	11.4	1	19,264,000	1	567.9	0.396	1	125.2	1.00
002535	CSM002	07/11/96	6	177.6	9	0.0	11.2	6	18,206,000	1	536.7	0.386	11	116.2	1.00
002535	CSM002	07/11/96	7	177.6	9	178.3	11.0	1	16,439,000	1	484.6	0.364	1	103.1	1.00
002535	CSM002	07/11/96	8	59.1	1	185.0	10.9	1	17,074,000	1	167.5	0.382	1	106.1	1.00
002535	CSM002	07/11/96	9	178.9	1	180.4	11.6	1	22,038,000	1	654.5	0.350	1	145.7	1.00
002535	CSM002	07/11/96	10	159.8	1	195.6	11.9	1	27,003,000	1	716.3	0.370	1	183.2	1.00
002535	CSM002	07/11/96	11	79.0	1	191.9	12.2	1	26,707,000	1	350.2	0.354	1	185.7	1.00
002535	CSM002	07/11/96	12	74.1	1	188.8	12.4	1	25,644,000	1	315.4	0.342	1	181.3	1.00
002535	CSM002	07/11/96	13	65.8	1	189.5	12.4	1	25,841,000	1	282.3	0.344	1	182.6	1.00
002535	CSM002	07/11/96	14	51.5	1	196.0	12.3	1	25,458,000	1	217.6	0.358	1	178.5	1.00
002535	CSM002	07/11/96	15	35.1	1	197.5	12.0	1	22,480,000	1	131.0	0.370	1	153.8	1.00
002535	CSM002	07/11/96	16	54.6	1	204.1	12.0	1	24,658,000	1	223.5	0.382	1	168.7	1.00
002535	CSM002	07/11/96	17	64.1	1	207.2	12.1	1	26,483,000	1	281.8	0.385	1	182.7	1.00
002535	CSM002	07/11/96	18	64.9	1	205.5	12.3	1	26,365,000	1	284.0	0.376	1	184.8	1.00
002535	CSM002	07/11/96	19	52.6	1	202.6	12.1	1	24,701,000	1	215.7	0.376	1	170.4	1.00
002535	CSM002	07/11/96	20	33.9	1	195.6	11.8	1	21,702,000	1	122.1	0.373	1	146.0	1.00
002535	CSM002	07/11/96	21	30.5	1	193.1	11.7	1	21,343,000	1	108.1	0.371	1	142.3	1.00
002535	CSM002	07/11/96	22	10.9	1	195.8	11.2	1	18,031,000	1	32.6	0.393	1	115.1	1.00
002535	CSM002	07/11/96	23	36.3	6	203.3	11.1	1	16,516,000	1	99.5	0.412	1	104.5	1.00
002535	CSM002	07/12/96	0	36.3	6	206.4	11.0	1	16,373,000	1	98.7	0.422	1	102.7	1.00
002535	CSM002	07/12/96	1	61.6	1	199.2	11.1	1	17,610,000	1	180.1	0.403	1	111.4	1.00
002535	CSM002	07/12/96	2	75.7	1	194.9	11.2	1	18,837,000	1	236.7	0.391	1	120.3	1.00
002535	CSM002	07/12/96	3	60.9	1	195.5	11.2	1	18,872,000	1	222.1	0.392	1	120.5	1.00
002535	CSM002	07/12/96	4	71.7	1	198.2	11.3	1	18,709,000	1	191.6	0.394	1	120.5	1.00
002535	CSM002	07/12/96	5	67.8	1	198.7	11.3	1	18,618,000	1	209.5	0.395	1	119.9	1.00
002535	CSM002	07/12/96	6	69.4	1	212.1	11.7	1	18,646,000	1	214.8	0.408	1	124.4	1.00
002535	CSM002	07/12/96	7	68.0	1	209.9	11.5	1	18,789,000	1	212.1	0.410	1	123.2	1.00
002535	CSM002	07/12/96	8	102.4	1	208.6	11.8	1	20,299,000	1	345.1	0.397	1	136.5	1.00
002535	CSM002	07/12/96	9	116.2	1	212.7	11.9	1	22,072,000	1	425.8	0.402	1	149.7	1.00
002535	CSM002	07/12/96	10	130.2	1	220.6	12.2	1	25,441,000	1	549.9	0.406	1	176.9	1.00
002535	CSM002	07/12/96	11	72.9	1	216.0	12.3	1	26,029,000	1	315.0	0.395	1	182.5	1.00

Milliken DOE Data Reporting

ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	07/12/96	12	87.3	1	217.0	12.3	1	25,909,000	1	375.5	0.397	1	181.6	1.00
002535	CSM002	07/12/96	13	83.3	1	210.4	12.0	1	25,679,000	1	355.1	0.394	1	175.6	1.00
002535	CSM002	07/12/96	14	85.2	1	205.8	12.1	1	25,132,000	1	355.4	0.382	1	173.3	1.00
002535	CSM002	07/12/96	15	85.4	1	204.8	12.0	1	25,079,000	1	355.5	0.384	1	171.5	1.00
002535	CSM002	07/12/96	16	55.8	1	195.1	11.7	1	22,809,000	1	211.3	0.375	1	152.1	1.00
002535	CSM002	07/12/96	17	57.3	1	203.9	11.6	1	21,780,000	1	207.2	0.395	1	144.0	1.00
002535	CSM002	07/12/96	18	64.6	1	206.3	11.7	1	21,660,000	1	232.3	0.396	1	144.5	1.00
002535	CSM002	07/12/96	19	91.7	1	211.5	11.8	1	22,792,000	1	346.9	0.403	1	153.3	1.00
002535	CSM002	07/12/96	20	106.2	1	214.3	12.1	1	25,303,000	1	446.1	0.398	1	174.5	1.00
002535	CSM002	07/12/96	21	91.7	1	211.7	12.0	1	25,312,000	1	385.3	0.397	1	173.1	1.00
002535	CSM002	07/12/96	22	97.0	1	209.9	11.9	1	24,740,000	1	398.4	0.397	1	167.8	1.00
002535	CSM002	07/12/96	23	84.9	1	208.1	11.8	1	23,574,000	1	332.2	0.397	1	158.6	1.00
002535	CSM002	07/13/96	0	96.8	1	210.1	11.1	1	18,831,000	1	302.6	0.426	1	119.1	1.00
002535	CSM002	07/13/96	1	125.1	1	213.3	11.2	1	20,235,000	1	420.2	0.428	1	129.2	1.00
002535	CSM002	07/13/96	2	133.3	1	213.3	11.3	1	20,769,000	1	459.6	0.424	1	133.8	1.00
002535	CSM002	07/13/96	3	136.1	1	215.4	11.2	1	20,736,000	1	468.5	0.432	1	132.4	1.00
002535	CSM002	07/13/96	4	131.3	1	215.5	11.2	1	20,825,000	1	453.9	0.433	1	132.9	1.00
002535	CSM002	07/13/96	5	116.5	1	214.3	11.2	1	20,532,000	1	397.1	0.430	1	131.1	1.00
002535	CSM002	07/13/96	6	112.6	1	208.1	11.4	1	19,022,000	1	355.6	0.410	1	123.6	1.00
002535	CSM002	07/13/96	7	88.4	1	193.0	10.8	1	19,733,000	1	289.6	0.402	1	121.5	1.00
002535	CSM002	07/13/96	8	88.5	1	196.1	11.0	1	19,549,000	1	287.2	0.401	1	122.6	1.00
002535	CSM002	07/13/96	9	87.8	1	195.8	10.9	1	20,481,000	1	283.9	0.404	1	121.0	1.00
002535	CSM002	07/13/96	10	115.5	1	192.5	11.1	1	20,489,000	1	392.8	0.390	1	129.6	1.00
002535	CSM002	07/13/96	11	125.1	1	190.6	11.3	1	21,339,000	1	443.1	0.379	1	137.4	1.00
002535	CSM002	07/13/96	12	118.0	1	192.4	11.3	1	21,263,000	1	416.5	0.383	1	137.0	1.00
002535	CSM002	07/13/96	13	116.0	1	195.7	11.3	1	21,200,000	1	408.2	0.389	1	136.5	1.00
002535	CSM002	07/13/96	14	80.0	1	204.0	11.1	1	19,720,000	1	261.9	0.413	1	124.8	1.00
002535	CSM002	07/13/96	15	54.7	1	204.3	10.5	1	16,933,000	1	153.8	0.437	1	101.3	1.00
002535	CSM002	07/13/96	16	48.5	1	201.9	10.7	1	16,739,000	1	134.8	0.424	1	102.1	1.00
002535	CSM002	07/13/96	17	136.5	1	203.8	11.4	1	22,449,000	1	508.7	0.402	1	145.9	1.00
002535	CSM002	07/13/96	18	172.6	1	217.6	11.6	1	26,106,000	1	748.0	0.422	1	172.6	1.00
002535	CSM002	07/13/96	19	178.8	1	217.3	11.7	1	26,522,000	1	787.2	0.418	1	176.9	1.00
002535	CSM002	07/13/96	20	183.6	1	215.2	11.8	1	26,713,000	1	814.1	0.410	1	179.7	1.00
002535	CSM002	07/13/96	21	170.1	1	215.4	11.7	1	26,792,000	1	756.5	0.414	1	178.7	1.00
002535	CSM002	07/13/96	22	177.7	1	207.6	11.6	1	26,511,000	1	782.0	0.402	1	175.3	1.00
002535	CSM002	07/13/96	23	165.2	1	209.0	11.6	1	25,509,000	1	699.5	0.405	1	168.7	1.00
002535	CSM002	07/14/96	0	168.4	1	214.0	11.4	1	26,353,000	1	736.7	0.422	1	171.2	1.00
002535	CSM002	07/14/96	1	191.9	1	209.5	11.7	1	26,118,000	1	832.0	0.403	1	174.2	1.00
002535	CSM002	07/14/96	2	194.5	1	207.0	11.6	1	26,171,000	1	845.0	0.401	1	173.0	1.00
002535	CSM002	07/14/96	3	202.8	1	198.8	11.7	1	26,028,000	1	876.2	0.382	1	173.6	1.00
002535	CSM002	07/14/96	4	187.5	1	214.7	11.4	1	25,310,000	1	787.8	0.385	1	167.3	1.00
002535	CSM002	07/14/96	5	110.9	1	214.2	11.2	1	20,904,000	1	384.8	0.423	1	135.8	1.00
002535	CSM002	07/14/96	6	90.8	1	214.2	11.2	1	19,050,000	1	287.1	0.430	1	121.6	1.00
002535	CSM002	07/14/96	7	87.7	1	205.1	11.0	1	19,308,000	1	281.1	0.419	1	121.1	1.00
002535	CSM002	07/14/96	8	83.7	1	208.8	11.1	1	19,170,000	1	266.4	0.423	1	121.3	1.00
002535	CSM002	07/14/96	9	89.2	1	213.3	11.0	1	19,507,000	1	288.8	0.436	1	122.3	1.00

Milliken DOE Data Reporting

ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	07/14/96	10	136.3	1	199.7	11.2	1	24,779,000	1	560.6	0.401	1	158.2	1.00
002535	CSM002	07/14/96	11	72.0	1	211.8	12.0	1	26,996,000	1	322.7	0.397	1	184.7	1.00
002535	CSM002	07/14/96	12	71.5	1	208.8	12.0	1	26,707,000	1	317.0	0.391	1	182.7	1.00
002535	CSM002	07/14/96	13	62.1	1	210.6	12.0	1	26,950,000	1	277.8	0.395	1	184.3	1.00
002535	CSM002	07/14/96	14	63.6	1	212.0	12.0	1	27,383,000	1	289.1	0.397	1	187.3	1.00
002535	CSM002	07/14/96	15	70.5	1	215.9	12.0	1	28,250,000	1	330.6	0.404	1	193.2	1.00
002535	CSM002	07/14/96	16	65.7	1	214.7	11.9	1	28,416,000	1	309.9	0.405	1	192.7	1.00
002535	CSM002	07/14/96	17	65.6	1	216.9	12.0	1	28,115,000	1	306.2	0.406	1	192.3	1.00
002535	CSM002	07/14/96	18	71.9	1	213.6	11.9	1	27,793,000	1	331.7	0.403	1	188.5	1.00
002535	CSM002	07/14/96	19	66.6	1	211.9	11.9	1	26,993,000	1	298.4	0.400	1	183.1	1.00
002535	CSM002	07/14/96	20	64.1	1	210.6	11.9	1	27,319,000	1	290.7	0.398	1	185.3	1.00
002535	CSM002	07/14/96	21	68.0	1	212.1	11.9	1	27,102,000	1	305.9	0.401	1	183.8	1.00
002535	CSM002	07/14/96	22	62.9	1	198.9	11.7	1	25,693,000	1	268.3	0.382	1	171.3	1.00
002535	CSM002	07/14/96	23	43.4	1	192.0	11.1	1	21,286,000	1	153.4	0.389	1	134.7	1.00
002535	CSM002	07/15/96	0	39.4	1	202.5	11.0	1	20,383,000	1	133.3	0.414	1	127.8	1.00
002535	CSM002	07/15/96	1	48.8	1	201.7	11.3	1	21,703,000	1	175.8	0.401	1	139.8	1.00
002535	CSM002	07/15/96	2	57.9	1	198.4	11.1	1	21,113,000	1	202.9	0.402	1	133.6	1.00
002535	CSM002	07/15/96	3	82.2	1	196.9	10.9	1	19,560,000	1	266.9	0.406	1	121.5	1.00
002535	CSM002	07/15/96	4	85.1	1	198.2	11.0	1	19,415,000	1	274.3	0.405	1	121.7	1.00
002535	CSM002	07/15/96	5	86.2	1	198.7	10.9	1	19,517,000	1	279.3	0.410	1	121.3	1.00
002535	CSM002	07/15/96	6	104.0	1	199.0	11.3	1	19,693,000	1	340.0	0.396	1	126.8	1.00
002535	CSM002	07/15/96	7	59.9	1	223.3	11.8	1	26,351,000	1	262.0	0.425	1	177.2	1.00
002535	CSM002	07/15/96	8	57.3	1	214.9	11.6	1	27,257,000	1	259.3	0.417	1	180.2	1.00
002535	CSM002	07/15/96	9	58.0	1	203.8	11.6	1	27,301,000	1	262.9	0.395	1	180.5	1.00
002535	CSM002	07/15/96	10	66.9	1	191.1	11.7	1	26,909,000	1	298.8	0.367	1	179.5	1.00
002535	CSM002	07/15/96	11	61.1	1	192.9	11.6	1	27,117,000	1	275.0	0.374	1	179.3	1.00
002535	CSM002	07/15/96	12	54.5	1	191.2	11.6	1	27,108,000	1	245.2	0.370	1	179.2	1.00
002535	CSM002	07/15/96	13	59.3	1	188.7	11.6	1	27,239,000	1	268.1	0.369	1	180.1	1.00
002535	CSM002	07/15/96	14	56.4	1	190.5	11.6	1	27,009,000	1	252.9	0.366	1	178.6	1.00
002535	CSM002	07/15/96	15	17.9	1	172.3	11.1	1	21,156,000	1	62.9	0.349	1	133.9	1.00
002535	CSM002	07/15/96	16	44.8	1	181.3	11.2	1	21,223,000	1	157.8	0.364	1	135.5	1.00
002535	CSM002	07/15/96	17	68.3	1	202.4	11.5	1	23,011,000	1	260.9	0.396	1	150.8	1.00
002535	CSM002	07/15/96	18	87.9	1	216.9	11.7	1	24,734,000	1	360.9	0.417	1	165.0	1.00
002535	CSM002	07/15/96	19	94.1	1	220.9	11.8	1	26,630,000	1	416.0	0.421	1	179.1	1.00
002535	CSM002	07/15/96	20	95.4	1	219.0	11.8	1	26,522,000	1	420.0	0.417	1	178.4	1.00
002535	CSM002	07/15/96	21	94.6	1	216.6	11.8	1	26,611,000	1	417.9	0.413	1	179.0	1.00
002535	CSM002	07/15/96	22	87.0	1	207.3	11.5	1	24,036,000	1	347.1	0.405	1	157.6	1.00
002535	CSM002	07/15/96	23	49.9	1	195.4	10.8	1	17,835,000	1	147.7	0.407	1	109.8	1.00
002535	CSM002	07/16/96	0	63.6	1	192.1	10.7	1	16,871,000	1	178.1	0.404	1	102.9	1.00
002535	CSM002	07/16/96	1	63.2	1	196.2	10.7	1	16,895,000	1	177.2	0.412	1	103.0	1.00
002535	CSM002	07/16/96	2	62.2	1	200.6	10.8	1	16,853,000	1	174.0	0.418	1	103.7	1.00
002535	CSM002	07/16/96	3	62.1	1	194.3	10.8	1	16,763,000	1	172.8	0.404	1	103.2	1.00
002535	CSM002	07/16/96	4	66.7	1	190.7	10.8	1	16,909,000	1	187.2	0.397	1	104.1	1.00
002535	CSM002	07/16/96	5	60.6	1	190.4	10.8	1	16,775,000	1	168.7	0.396	1	103.3	1.00
002535	CSM002	07/16/96	6	69.3	1	185.7	10.8	1	17,154,000	1	197.3	0.386	1	105.6	1.00
002535	CSM002	07/16/96	7	44.9	1	185.6	11.2	1	20,823,000	1	155.2	0.372	1	132.9	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LBHR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	07/16/96	8	73.6	1	197.7	11.8	1	27,047,000	1	330.4	0.376	1	181.9	1.00
002535	CSM002	07/16/96	9	76.9	1	204.2	12.0	1	27,375,000	1	349.5	0.383	1	187.2	1.00
002535	CSM002	07/16/96	10	72.3	1	203.0	12.0	1	26,960,000	1	323.6	0.380	1	184.4	1.00
002535	CSM002	07/16/96	11	66.9	1	204.8	12.0	1	27,340,000	1	303.6	0.384	1	187.0	1.00
002535	CSM002	07/16/96	12	76.2	1	205.7	12.1	1	28,108,000	1	355.5	0.382	1	193.9	1.00
002535	CSM002	07/16/96	13	82.7	1	208.5	12.0	1	28,837,000	1	395.9	0.391	1	197.2	1.00
002535	CSM002	07/16/96	14	80.8	1	201.3	12.0	1	28,521,000	1	382.5	0.377	1	195.1	1.00
002535	CSM002	07/16/96	15	86.7	1	198.3	12.0	1	28,516,000	1	410.4	0.371	1	195.0	1.00
002535	CSM002	07/16/96	16	98.7	1	199.3	12.0	1	28,476,000	1	466.6	0.373	1	194.8	1.00
002535	CSM002	07/16/96	17	108.2	1	199.0	12.0	1	28,442,000	1	510.9	0.373	1	194.5	1.00
002535	CSM002	07/16/96	18	104.5	1	204.8	12.1	1	28,373,000	1	492.2	0.380	1	195.7	1.00
002535	CSM002	07/16/96	19	94.3	1	208.6	12.0	1	28,487,000	1	445.9	0.391	1	194.9	1.00
002535	CSM002	07/16/96	20	91.6	1	207.1	12.0	1	28,646,000	1	435.6	0.388	1	195.9	1.00
002535	CSM002	07/16/96	21	67.5	1	193.0	11.9	1	26,766,000	1	299.9	0.365	1	181.6	1.00
002535	CSM002	07/16/96	22	57.6	1	204.8	12.0	1	25,889,000	1	247.5	0.384	1	177.1	1.00
002535	CSM002	07/16/96	23	57.3	1	187.3	11.7	1	22,678,000	1	215.7	0.360	1	151.2	1.00
002535	CSM002	07/17/96	0	102.3	1	187.5	11.4	1	22,252,000	1	377.9	0.370	1	144.6	1.00
002535	CSM002	07/17/96	1	71.0	1	189.9	10.7	1	18,341,000	1	216.2	0.399	1	111.9	1.00
002535	CSM002	07/17/96	2	85.5	1	178.2	10.9	1	16,992,000	1	241.2	0.368	1	105.6	1.00
002535	CSM002	07/17/96	3	84.9	1	183.8	10.9	1	17,073,000	1	240.6	0.379	1	106.1	1.00
002535	CSM002	07/17/96	4	79.3	1	183.6	11.0	1	17,126,000	1	225.4	0.375	1	107.4	1.00
002535	CSM002	07/17/96	5	93.1	1	178.9	10.9	1	17,518,000	1	270.7	0.369	1	108.8	1.00
002535	CSM002	07/17/96	6	142.3	1	179.2	11.4	1	20,159,000	1	476.2	0.353	1	131.0	1.00
002535	CSM002	07/17/96	7	130.0	1	183.1	11.7	1	24,538,000	1	529.5	0.352	1	163.6	1.00
002535	CSM002	07/17/96	8	97.2	1	199.6	12.1	1	26,510,000	1	427.7	0.371	1	182.8	1.00
002535	CSM002	07/17/96	9	106.3	1	179.9	12.2	1	26,836,000	1	473.5	0.332	1	186.6	1.00
002535	CSM002	07/17/96	10	108.1	1	178.2	12.4	1	28,229,000	1	506.6	0.323	1	199.5	1.00
002535	CSM002	07/17/96	11	103.9	1	176.9	12.3	1	28,621,000	1	493.6	0.323	1	200.7	1.00
002535	CSM002	07/17/96	12	99.8	1	174.9	12.3	1	28,680,000	1	475.1	0.320	1	201.1	1.00
002535	CSM002	07/17/96	13	102.2	1	174.2	12.2	1	28,319,000	1	480.4	0.321	1	196.9	1.00
002535	CSM002	07/17/96	14	100.9	1	173.9	12.2	1	28,489,000	1	477.2	0.320	1	198.1	1.00
002535	CSM002	07/17/96	15	102.7	1	175.2	12.2	1	28,641,000	1	488.3	0.323	1	199.2	1.00
002535	CSM002	07/17/96	16	105.2	1	161.6	12.3	1	28,716,000	1	501.5	0.295	1	201.3	1.00
002535	CSM002	07/17/96	17	105.9	1	160.7	12.4	1	28,442,000	1	500.0	0.291	1	201.0	1.00
002535	CSM002	07/17/96	18	104.5	1	156.7	12.3	1	27,481,000	1	476.7	0.286	1	192.7	1.00
002535	CSM002	07/17/96	19	91.1	1	160.7	12.4	1	26,196,000	1	396.2	0.291	1	185.2	1.00
002535	CSM002	07/17/96	20	96.1	1	162.2	12.4	1	26,200,000	1	418.0	0.294	1	185.2	1.00
002535	CSM002	07/17/96	21	101.0	1	159.6	12.3	1	26,064,000	1	437.0	0.292	1	182.7	1.00
002535	CSM002	07/17/96	22	96.0	1	176.3	12.1	1	26,490,000	1	422.1	0.328	1	182.7	1.00
002535	CSM002	07/17/96	23	78.2	1	177.7	11.9	1	26,377,000	1	342.4	0.336	1	178.9	1.00
002535	CSM002	07/18/96	0	167.8	1	168.4	11.5	1	22,041,000	1	613.9	0.329	1	144.5	1.00
002535	CSM002	07/18/96	1	137.0	1	162.3	11.2	1	19,757,000	1	449.3	0.326	1	126.1	1.00
002535	CSM002	07/18/96	2	96.1	1	161.8	10.9	1	17,963,000	1	286.6	0.334	1	111.6	1.00
002535	CSM002	07/18/96	3	73.1	1	163.6	10.8	1	16,612,000	1	201.6	0.340	1	102.3	1.00
002535	CSM002	07/18/96	4	77.1	1	164.9	10.7	1	16,944,000	1	216.9	0.346	1	103.3	1.00
002535	CSM002	07/18/96	5	91.8	1	162.3	10.7	1	17,393,000	1	265.0	0.341	1	106.1	1.00

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ORIS CODE	NADB ID	DATE	HOUR	ADJUSTED SO2 (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	07/18/96	6	181.1	1	171.5	11.3	1	19,625,000	1	590.0	0.341	1	126.4	1.00
002535	CSM002	07/18/96	7	227.3	1	174.8	11.8	1	24,931,000	1	940.7	0.333	1	167.7	1.00
002535	CSM002	07/18/96	8	71.4	1	176.8	12.2	1	26,376,000	1	312.6	0.326	1	183.4	1.00
002535	CSM002	07/18/96	9	83.7	1	185.9	12.3	1	27,401,000	1	380.7	0.340	1	192.1	1.00
002535	CSM002	07/18/96	10	75.1	1	178.2	12.1	1	28,577,000	1	356.3	0.331	1	197.1	1.00
002535	CSM002	07/18/96	11	82.0	1	175.5	12.2	1	28,533,000	1	388.4	0.323	1	198.4	1.00
002535	CSM002	07/18/96	12	74.3	1	176.3	12.3	1	28,218,000	1	348.0	0.322	1	197.8	1.00
002535	CSM002	07/18/96	13	84.1	1	176.0	12.2	1	28,306,000	1	395.2	0.324	1	196.8	1.00
002535	CSM002	07/18/96	14	97.3	1	171.3	12.2	1	28,324,000	1	457.5	0.316	1	197.0	1.00
002535	CSM002	07/18/96	15	104.2	1	170.9	12.1	1	28,439,000	1	491.9	0.318	1	196.1	1.00
002535	CSM002	07/18/96	16	107.4	1	168.8	11.9	1	28,629,000	1	510.4	0.319	1	194.2	1.00
002535	CSM002	07/18/96	17	96.9	1	169.1	11.9	1	28,492,000	1	458.3	0.319	1	193.3	1.00
002535	CSM002	07/18/96	18	96.2	1	169.6	11.8	1	28,509,000	1	456.9	0.323	1	192.4	1.00
002535	CSM002	07/18/96	19	99.6	1	166.2	11.8	1	28,513,000	1	471.4	0.317	1	191.8	1.00
002535	CSM002	07/18/96	20	68.9	1	158.8	11.7	1	26,426,000	1	302.2	0.305	1	176.2	1.00
002535	CSM002	07/18/96	21	57.1	1	168.7	11.4	1	23,736,000	1	225.0	0.333	1	154.2	1.00
002535	CSM002	07/18/96	22	36.2	1	164.5	10.7	1	20,011,000	1	120.3	0.346	1	122.0	1.00
002535	CSM002	07/18/96	23	34.1	1	169.9	10.6	1	18,569,000	1	105.1	0.360	1	112.2	1.00
002535	CSM002	07/19/96	0	55.4	1	194.8	10.4	1	18,528,000	1	170.4	0.421	1	109.8	1.00
002535	CSM002	07/19/96	1	44.6	1	196.4	10.4	1	18,316,000	1	135.6	0.424	1	108.6	1.00
002535	CSM002	07/19/96	2	43.2	1	186.8	10.4	1	18,042,000	1	129.4	0.404	1	107.0	1.00
002535	CSM002	07/19/96	3	50.7	1	180.2	10.4	1	17,893,000	1	150.6	0.389	1	106.1	1.00
002535	CSM002	07/19/96	4	47.9	1	181.5	10.4	1	18,249,000	1	145.1	0.392	1	108.2	1.00
002535	CSM002	07/19/96	5	40.4	1	176.9	10.4	1	18,269,000	1	122.5	0.382	1	108.3	1.00
002535	CSM002	07/19/96	6	75.3	1	175.4	11.2	1	20,569,000	1	257.1	0.352	1	131.3	1.00
002535	CSM002	07/19/96	7	92.6	1	185.0	11.7	1	26,729,000	1	410.9	0.355	1	178.3	1.00
002535	CSM002	07/19/96	8	106.0	1	171.0	11.9	1	27,745,000	1	488.2	0.323	1	188.2	1.00
002535	CSM002	07/19/96	9	109.3	1	173.6	11.7	1	27,949,000	1	507.1	0.334	1	186.4	1.00
002535	CSM002	07/19/96	10	101.3	1	168.0	11.6	1	27,385,000	1	460.5	0.326	1	181.1	1.00
002535	CSM002	07/19/96	11	121.1	1	166.9	11.6	1	27,524,000	1	553.3	0.323	1	182.0	1.00
002535	CSM002	07/19/96	12	124.8	1	166.1	11.6	1	27,358,000	1	566.8	0.322	1	180.9	1.00
002535	CSM002	07/19/96	13	114.7	1	164.9	11.6	1	27,436,000	1	522.4	0.319	1	181.4	1.00
002535	CSM002	07/19/96	14	102.5	1	164.2	11.6	1	27,399,000	1	466.2	0.318	1	181.2	1.00
002535	CSM002	07/19/96	15	107.3	1	162.3	11.6	1	27,300,000	1	486.3	0.314	1	180.5	1.00
002535	CSM002	07/19/96	16	96.4	1	161.9	11.6	1	27,468,000	1	439.6	0.314	1	181.6	1.00
002535	CSM002	07/19/96	17	67.5	1	151.7	10.6	1	21,495,000	1	240.9	0.322	1	129.9	1.00
002535	CSM002	07/19/96	18	133.5	1	145.3	10.1	1	19,354,000	1	428.9	0.323	1	111.4	1.00
002535	CSM002	07/19/96	19	206.7	1	149.1	10.9	1	25,314,000	1	868.6	0.307	1	157.3	1.00
002535	CSM002	07/19/96	20	155.6	1	146.5	11.4	1	27,292,000	1	704.9	0.289	1	177.3	1.00
002535	CSM002	07/19/96	21	110.3	1	143.1	11.4	1	26,889,000	1	492.3	0.282	1	174.7	1.00
002535	CSM002	07/19/96	22	58.1	1	145.4	10.8	1	21,235,000	1	204.8	0.303	1	130.7	1.00
002535	CSM002	07/19/96	23	79.3	1	173.6	10.2	1	17,267,000	1	227.3	0.383	1	100.4	1.00
002535	CSM002	07/20/96	0	93.3	1	179.9	10.3	1	17,414,000	1	269.7	0.393	1	102.2	1.00
002535	CSM002	07/20/96	1	46.9	1	172.1	9.9	1	15,574,000	1	130.8	0.391	1	87.9	1.00
002535	CSM002	07/20/96	2	50.6	1	167.1	9.9	1	15,567,000	1	121.2	0.379	1	87.8	1.00
002535	CSM002	07/20/96	3	38.2	1	162.4	9.8	1	15,143,000	1	96.0	0.372	1	84.6	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LBM/MBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	07/20/96	4	49.0	1	164.7	9.9	1	15,271,000	1	124.2	0.374	1	86.2	1.00
002535	CSM002	07/20/96	5	45.5	1	166.0	9.9	1	15,322,000	1	115.7	0.377	1	86.5	1.00
002535	CSM002	07/20/96	6	191.8	1	203.7	10.9	1	19,070,000	1	607.2	0.420	1	118.5	1.00
002535	CSM002	07/20/96	7	63.4	1	199.2	11.0	1	22,814,000	1	240.1	0.407	1	143.0	1.00
002535	CSM002	07/20/96	8	19.0	1	214.6	10.6	1	19,587,000	1	61.8	0.455	1	118.3	1.00
002535	CSM002	07/20/96	9	22.0	1	219.4	10.3	1	17,500,000	1	63.9	0.479	1	102.7	1.00
002535	CSM002	07/20/96	10	31.0	1	201.7	10.4	1	17,199,000	1	88.5	0.436	1	102.0	1.00
002535	CSM002	07/20/96	11	28.3	1	195.6	10.6	1	17,146,000	1	80.5	0.415	1	103.6	1.00
002535	CSM002	07/20/96	12	77.1	1	195.8	10.6	1	17,129,000	1	219.2	0.415	1	103.5	1.00
002535	CSM002	07/20/96	13	87.7	1	186.9	10.5	1	17,471,000	1	254.3	0.400	1	104.6	1.00
002535	CSM002	07/20/96	14	75.2	1	183.9	10.5	1	17,150,000	1	214.1	0.394	1	102.6	1.00
002535	CSM002	07/20/96	15	71.5	1	190.2	10.5	1	17,406,000	1	206.6	0.407	1	104.2	1.00
002535	CSM002	07/20/96	16	77.7	1	189.6	10.4	1	17,393,000	1	224.3	0.410	1	103.1	1.00
002535	CSM002	07/20/96	17	85.0	1	193.5	10.3	1	17,642,000	1	248.9	0.422	1	103.6	1.00
002535	CSM002	07/20/96	18	97.9	1	179.1	10.5	1	17,613,000	1	286.2	0.383	1	105.4	1.00
002535	CSM002	07/20/96	19	114.2	1	180.1	10.5	1	17,123,000	1	324.6	0.385	1	102.5	1.00
002535	CSM002	07/20/96	20	153.0	1	181.9	10.4	1	17,359,000	1	440.9	0.393	1	102.9	1.00
002535	CSM002	07/20/96	21	144.2	1	181.2	10.4	1	17,077,000	1	408.8	0.392	1	101.2	1.00
002535	CSM002	07/20/96	22	108.3	1	173.2	9.9	1	15,625,000	1	280.9	0.393	1	88.2	1.00
002535	CSM002	07/20/96	23	91.9	1	149.4	9.9	1	15,024,000	1	229.2	0.339	1	84.8	1.00
002535	CSM002	07/21/96	0	103.2	1	180.0	9.9	1	15,425,000	1	264.2	0.409	1	87.0	1.00
002535	CSM002	07/21/96	1	108.9	1	181.9	10.0	1	15,593,000	1	281.9	0.407	1	88.9	1.00
002535	CSM002	07/21/96	2	104.2	1	183.0	10.1	1	15,199,000	1	262.9	0.409	1	87.5	1.00
002535	CSM002	07/21/96	3	102.2	1	178.9	10.0	1	15,175,000	1	257.4	0.402	1	86.5	1.00
002535	CSM002	07/21/96	4	123.7	1	186.2	10.1	1	15,811,000	1	324.7	0.414	1	91.0	1.00
002535	CSM002	07/21/96	5	146.0	1	189.7	10.4	1	16,539,000	1	400.8	0.410	1	98.0	1.00
002535	CSM002	07/21/96	6	204.4	1	194.3	10.9	1	19,370,000	1	657.2	0.401	1	120.3	1.00
002535	CSM002	07/21/96	7	150.6	1	210.5	10.7	1	18,589,000	1	464.7	0.442	1	113.4	1.00
002535	CSM002	07/21/96	8	201.9	1	202.5	11.0	1	19,697,000	1	660.2	0.414	1	123.5	1.00
002535	CSM002	07/21/96	9	275.8	1	203.2	11.6	1	24,773,000	1	1134.2	0.394	1	163.8	1.00
002535	CSM002	07/21/96	10	127.3	1	202.6	11.8	1	25,275,000	1	534.1	0.386	1	170.0	1.00
002535	CSM002	07/21/96	11	33.8	1	215.1	10.8	1	19,043,000	1	106.8	0.448	1	117.2	1.00
002535	CSM002	07/21/96	12	151.8	1	207.3	10.6	1	17,098,000	1	430.8	0.440	1	103.3	1.00
002535	CSM002	07/21/96	13	142.9	1	201.9	10.7	1	17,333,000	1	411.2	0.424	1	105.7	1.00
002535	CSM002	07/21/96	14	146.2	1	199.7	10.6	1	17,424,000	1	422.9	0.424	1	105.3	1.00
002535	CSM002	07/21/96	15	90.9	1	189.2	10.6	1	17,204,000	1	259.6	0.401	1	103.9	1.00
002535	CSM002	07/21/96	16	79.1	1	185.0	10.3	1	17,699,000	1	232.4	0.404	1	103.9	1.00
002535	CSM002	07/21/96	17	84.1	1	179.3	10.0	1	18,168,000	1	253.6	0.403	1	103.6	1.00
002535	CSM002	07/21/96	18	117.8	1	176.9	10.1	1	18,235,000	1	356.6	0.394	1	105.0	1.00
002535	CSM002	07/21/96	19	71.5	1	180.6	10.3	1	17,626,000	1	209.2	0.394	1	103.5	1.00
002535	CSM002	07/21/96	20	92.8	1	178.1	10.7	1	18,369,000	1	283.0	0.374	1	112.0	1.00
002535	CSM002	07/21/96	21	97.5	1	171.2	10.8	1	18,026,000	1	291.8	0.356	1	111.0	1.00
002535	CSM002	07/21/96	22	92.6	1	167.5	10.0	1	14,761,000	1	226.9	0.377	1	84.1	1.00
002535	CSM002	07/21/96	23	140.8	1	194.6	10.2	1	17,022,000	1	397.9	0.429	1	99.0	1.00
002535	CSM002	07/22/96	0	120.0	1	185.0	10.1	1	16,221,000	1	323.1	0.412	1	93.4	1.00
002535	CSM002	07/22/96	1	138.3	1	184.1	10.3	1	16,538,000	1	379.7	0.402	1	97.1	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	07/22/96	2	121.4	1	180.5	10.0	1	16,018,000	1	322.8	0.406	1	91.3	1.00
002535	CSM002	07/22/96	3	127.7	1	182.7	10.1	1	16,561,000	1	351.1	0.407	1	95.3	1.00
002535	CSM002	07/22/96	4	105.3	1	170.9	9.9	1	15,376,000	1	268.8	0.388	1	86.8	1.00
002535	CSM002	07/22/96	5	104.2	1	180.8	10.3	1	16,704,000	1	288.9	0.395	1	98.1	1.00
002535	CSM002	07/22/96	6	46.3	1	215.1	11.5	1	23,193,000	1	178.3	0.420	1	152.0	1.00
002535	CSM002	07/22/96	7	49.8	1	215.2	11.5	1	27,463,000	1	227.0	0.421	1	180.0	1.00
002535	CSM002	07/22/96	8	54.9	1	212.2	11.6	1	28,086,000	1	256.0	0.411	1	185.7	1.00
002535	CSM002	07/22/96	9	90.2	1	213.6	11.7	1	28,103,000	1	420.8	0.410	1	187.4	1.00
002535	CSM002	07/22/96	10	120.5	1	214.2	11.7	1	27,991,000	1	559.9	0.411	1	186.7	1.00
002535	CSM002	07/22/96	11	126.6	1	216.1	11.8	1	27,659,000	1	590.5	0.412	1	186.0	1.00
002535	CSM002	07/22/96	12	127.5	1	216.9	11.8	1	27,595,000	1	584.0	0.413	1	185.6	1.00
002535	CSM002	07/22/96	13	134.9	1	213.0	11.8	1	27,421,000	1	614.0	0.406	1	184.4	1.00
002535	CSM002	07/22/96	14	128.6	1	212.9	11.8	1	27,614,000	1	589.5	0.406	1	185.7	1.00
002535	CSM002	07/22/96	15	127.4	1	211.6	11.7	1	27,637,000	1	584.5	0.407	1	184.3	1.00
002535	CSM002	07/22/96	16	112.3	1	204.1	11.6	1	26,528,000	1	494.5	0.396	1	175.4	1.00
002535	CSM002	07/22/96	17	109.5	1	200.6	11.7	1	25,465,000	1	462.9	0.385	1	169.8	1.00
002535	CSM002	07/22/96	18	105.2	1	198.6	11.7	1	25,356,000	1	442.8	0.382	1	169.1	1.00
002535	CSM002	07/22/96	19	103.0	1	196.4	11.7	1	25,181,000	1	430.5	0.377	1	167.9	1.00
002535	CSM002	07/22/96	20	106.7	1	196.4	11.6	1	24,601,000	1	435.7	0.381	1	162.7	1.00
002535	CSM002	07/22/96	21	81.5	1	201.5	11.1	1	22,096,000	1	298.9	0.408	1	139.8	1.00
002535	CSM002	07/22/96	22	57.7	1	206.6	10.7	1	18,248,000	1	174.8	0.434	1	111.3	1.00
002535	CSM002	07/22/96	23	124.2	1	184.7	10.3	1	17,770,000	1	366.4	0.403	1	104.3	1.00
002535	CSM002	07/23/96	0	115.3	1	183.2	10.2	1	17,434,000	1	333.7	0.404	1	101.4	1.00
002535	CSM002	07/23/96	1	81.5	1	175.0	10.2	1	16,538,000	1	223.7	0.386	1	96.2	1.00
002535	CSM002	07/23/96	2	66.7	1	166.3	10.0	1	15,838,000	1	175.4	0.374	1	90.3	1.00
002535	CSM002	07/23/96	3	82.5	1	171.3	10.0	1	16,511,000	1	226.1	0.385	1	94.1	1.00
002535	CSM002	07/23/96	4	75.7	1	175.9	10.1	1	16,867,000	1	212.0	0.392	1	97.1	1.00
002535	CSM002	07/23/96	5	72.8	1	165.8	10.0	1	16,251,000	1	196.4	0.373	1	92.6	1.00
002535	CSM002	07/23/96	6	72.3	1	193.1	11.1	1	21,348,000	1	256.2	0.391	1	135.1	1.00
002535	CSM002	07/23/96	7	76.2	1	187.7	11.3	1	24,623,000	1	311.5	0.373	1	158.6	1.00
002535	CSM002	07/23/96	8	95.1	1	195.4	11.5	1	27,122,000	1	428.2	0.382	1	177.8	1.00
002535	CSM002	07/23/96	9	112.8	1	198.7	11.6	1	27,668,000	1	518.1	0.385	1	182.9	1.00
002535	CSM002	07/23/96	10	131.7	1	201.2	11.6	1	27,837,000	1	608.6	0.390	1	184.1	1.00
002535	CSM002	07/23/96	11	129.0	1	203.2	11.7	1	27,819,000	1	595.7	0.390	1	185.5	1.00
002535	CSM002	07/23/96	12	136.2	1	202.2	11.6	1	27,531,000	1	622.5	0.392	1	182.0	1.00
002535	CSM002	07/23/96	13	121.4	1	199.4	11.5	1	27,457,000	1	553.3	0.390	1	180.0	1.00
002535	CSM002	07/23/96	14	132.1	1	196.7	11.5	1	28,125,000	1	616.7	0.384	1	184.4	1.00
002535	CSM002	07/23/96	15	141.4	1	191.3	11.5	1	28,930,000	1	679.1	0.374	1	189.6	1.00
002535	CSM002	07/23/96	16	104.3	1	188.8	11.6	1	28,963,000	1	501.5	0.366	1	191.5	1.00
002535	CSM002	07/23/96	17	117.0	1	193.2	11.8	1	28,579,000	1	555.1	0.368	1	192.2	1.00
002535	CSM002	07/23/96	18	110.6	1	203.3	11.8	1	28,014,000	1	514.3	0.387	1	188.4	1.00
002535	CSM002	07/23/96	19	103.8	1	205.2	11.9	1	27,494,000	1	473.7	0.388	1	186.5	1.00
002535	CSM002	07/23/96	20	106.8	1	202.4	11.8	1	27,767,000	1	492.3	0.386	1	186.8	1.00
002535	CSM002	07/23/96	21	97.0	1	200.7	11.5	1	26,822,000	1	431.9	0.392	1	175.8	1.00
002535	CSM002	07/23/96	22	92.9	1	208.8	10.7	1	21,903,000	1	337.8	0.439	1	133.6	1.00
002535	CSM002	07/23/96	23	58.3	1	208.7	10.4	1	19,887,000	1	192.5	0.451	1	117.9	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	07/24/96	0	28.6	1	204.0	10.1	1	18,055,000	1	85.7	0.454	1	103.9	1.00
002535	CSM002	07/24/96	1	61.0	1	197.6	9.7	1	15,759,000	1	159.6	0.458	1	87.1	1.00
002535	CSM002	07/24/96	2	60.3	1	186.5	10.0	1	16,027,000	1	160.4	0.419	1	91.4	1.00
002535	CSM002	07/24/96	3	69.8	1	192.4	10.0	1	16,339,000	1	189.3	0.432	1	93.1	1.00
002535	CSM002	07/24/96	4	52.7	1	187.3	10.1	1	17,461,000	1	152.8	0.417	1	100.5	1.00
002535	CSM002	07/24/96	5	30.2	1	188.1	10.2	1	18,060,000	1	90.5	0.415	1	105.0	1.00
002535	CSM002	07/24/96	6	52.4	1	189.1	10.8	1	18,813,000	1	163.6	0.394	1	115.8	1.00
002535	CSM002	07/24/96	7	54.7	1	189.0	10.9	1	20,089,000	1	182.4	0.390	1	124.8	1.00
002535	CSM002	07/24/96	8	84.1	1	204.9	11.6	1	24,739,000	1	345.4	0.397	1	163.6	1.00
002535	CSM002	07/24/96	9	79.7	1	205.8	11.6	1	23,676,000	1	313.2	0.399	1	156.5	1.00
002535	CSM002	07/24/96	10	98.1	1	211.1	11.8	1	24,673,000	1	401.8	0.402	1	166.0	1.00
002535	CSM002	07/24/96	11	92.8	1	207.6	11.8	1	23,802,000	1	366.7	0.396	1	160.1	1.00
002535	CSM002	07/24/96	12	96.0	1	206.0	11.7	1	23,293,000	1	371.2	0.396	1	155.3	1.00
002535	CSM002	07/24/96	13	104.7	1	209.3	11.6	1	23,611,000	1	410.4	0.406	1	156.1	1.00
002535	CSM002	07/24/96	14	126.5	1	212.5	11.9	1	26,543,000	1	557.4	0.401	1	180.0	1.00
002535	CSM002	07/24/96	15	125.4	1	216.2	11.8	1	27,491,000	1	572.3	0.412	1	184.9	1.00
002535	CSM002	07/24/96	16	129.8	1	214.4	11.9	1	27,767,000	1	598.3	0.405	1	188.3	1.00
002535	CSM002	07/24/96	17	128.7	1	214.7	11.7	1	28,144,000	1	601.3	0.413	1	187.7	1.00
002535	CSM002	07/24/96	18	125.9	1	215.8	11.9	1	27,599,000	1	576.8	0.408	1	187.2	1.00
002535	CSM002	07/24/96	19	128.4	1	219.5	11.9	1	27,485,000	1	585.8	0.414	1	186.4	1.00
002535	CSM002	07/24/96	20	127.6	1	216.3	11.8	1	27,722,000	1	587.2	0.412	1	186.5	1.00
002535	CSM002	07/24/96	21	106.4	1	220.1	11.8	1	27,543,000	1	486.5	0.419	1	185.3	1.00
002535	CSM002	07/24/96	22	87.3	1	209.6	11.6	1	25,436,000	1	368.6	0.406	1	168.2	1.00
002535	CSM002	07/24/96	23	87.0	1	206.8	11.3	1	23,675,000	1	341.9	0.411	1	152.5	1.00
002535	CSM002	07/25/96	0	70.8	1	194.4	11.3	1	19,768,000	1	289.7	0.387	1	158.7	1.00
002535	CSM002	07/25/96	1	76.5	1	203.5	11.0	1	23,608,000	1	299.8	0.416	1	148.0	1.00
002535	CSM002	07/25/96	2	78.4	1	198.1	11.4	1	25,068,000	1	326.2	0.391	1	162.9	1.00
002535	CSM002	07/25/96	3	85.3	1	194.1	11.5	1	27,053,000	1	383.1	0.379	1	177.3	1.00
002535	CSM002	07/25/96	4	60.4	1	175.5	11.1	1	23,911,000	1	239.7	0.355	1	151.3	1.00
002535	CSM002	07/25/96	5	44.4	1	183.8	10.7	1	19,768,000	1	145.7	0.386	1	120.6	1.00
002535	CSM002	07/25/96	6	98.1	1	182.5	11.4	1	23,874,000	1	388.8	0.360	1	155.1	1.00
002535	CSM002	07/25/96	7	100.2	1	170.4	11.6	1	26,692,000	1	444.0	0.330	1	176.5	1.00
002535	CSM002	07/25/96	8	100.2	1	161.0	11.5	1	27,662,000	1	460.1	0.315	1	181.3	1.00
002535	CSM002	07/25/96	9	96.8	1	156.8	11.4	1	26,674,000	1	428.6	0.309	1	173.3	1.00
002535	CSM002	07/25/96	10	94.6	1	162.6	11.6	1	27,592,000	1	433.3	0.315	1	182.4	1.00
002535	CSM002	07/25/96	11	88.5	1	163.2	11.6	1	26,497,000	1	389.3	0.316	1	175.2	1.00
002535	CSM002	07/25/96	12	103.8	1	163.2	11.6	1	27,660,000	1	476.6	0.316	1	182.9	1.00
002535	CSM002	07/25/96	13	104.4	1	162.6	11.6	1	27,806,000	1	481.9	0.315	1	183.9	1.00
002535	CSM002	07/25/96	14	111.2	1	164.1	11.6	1	27,694,000	1	511.2	0.318	1	183.1	1.00
002535	CSM002	07/25/96	15	109.6	1	163.9	11.6	1	27,836,000	1	506.4	0.318	1	184.1	1.00
002535	CSM002	07/25/96	16	113.6	1	164.2	11.6	1	27,718,000	1	522.7	0.318	1	183.3	1.00
002535	CSM002	07/25/96	17	118.4	1	162.6	11.5	1	27,837,000	1	547.1	0.318	1	182.5	1.00
002535	CSM002	07/25/96	18	123.4	1	162.3	11.4	1	28,200,000	1	577.7	0.320	1	183.2	1.00
002535	CSM002	07/25/96	19	123.0	1	162.9	11.4	1	28,228,000	1	576.4	0.321	1	183.4	1.00
002535	CSM002	07/25/96	20	129.8	1	164.8	11.4	1	27,940,000	1	602.0	0.325	1	181.6	1.00
002535	CSM002	07/25/96	21	121.2	1	179.3	11.5	1	28,014,000	1	563.6	0.350	1	183.6	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	07/25/96	22	115.3	1	174.8	11.4	1	27,383,000	1	524.1	0.345	1	177.9	1.00
002535	CSM002	07/25/96	23	98.4	1	173.9	11.4	1	25,884,000	1	422.8	0.343	1	168.2	1.00
002535	CSM002	07/26/96	0	48.4	1	204.2	10.5	1	19,450,000	1	156.3	0.437	1	116.4	1.00
002535	CSM002	07/26/96	1	146.0	1	200.1	10.3	1	18,613,000	1	451.1	0.437	1	109.3	1.00
002535	CSM002	07/26/96	2	122.0	1	171.9	10.4	1	18,316,000	1	370.9	0.372	1	108.6	1.00
002535	CSM002	07/26/96	3	181.4	1	168.3	10.9	1	21,650,000	1	651.9	0.347	1	134.5	1.00
002535	CSM002	07/26/96	4	167.0	1	170.1	10.9	1	21,458,000	1	594.9	0.355	1	133.3	1.00
002535	CSM002	07/26/96	5	132.5	1	170.0	10.6	1	19,518,000	1	429.3	0.360	1	117.9	1.00
002535	CSM002	07/26/96	6	231.7	1	167.7	11.4	1	22,216,000	1	854.5	0.331	1	144.4	1.00
002535	CSM002	07/26/96	7	145.3	1	188.6	11.5	1	25,728,000	1	620.6	0.369	1	168.6	1.00
002535	CSM002	07/26/96	8	123.4	1	201.9	11.7	1	27,508,000	1	563.5	0.388	1	183.5	1.00
002535	CSM002	07/26/96	9	108.4	1	201.4	11.7	1	27,243,000	1	490.2	0.387	1	181.7	1.00
002535	CSM002	07/26/96	10	119.8	1	197.9	11.8	1	27,090,000	1	538.7	0.377	1	182.2	1.00
002535	CSM002	07/26/96	11	118.5	1	195.3	11.8	1	27,168,000	1	534.4	0.372	1	182.7	1.00
002535	CSM002	07/26/96	12	111.1	1	191.5	11.7	1	27,135,000	1	500.4	0.368	1	181.0	1.00
002535	CSM002	07/26/96	13	107.4	1	184.9	11.6	1	25,793,000	1	459.8	0.358	1	170.5	1.00
002535	CSM002	07/26/96	14	118.1	1	195.8	11.6	1	27,308,000	1	535.4	0.379	1	180.6	1.00
002535	CSM002	07/26/96	15	109.8	1	198.6	11.7	1	27,472,000	1	500.7	0.382	1	183.2	1.00
002535	CSM002	07/26/96	16	116.8	1	205.4	11.9	1	26,768,000	1	519.0	0.388	1	181.6	1.00
002535	CSM002	07/26/96	17	115.5	1	207.5	11.9	1	26,728,000	1	512.5	0.392	1	181.3	1.00
002535	CSM002	07/26/96	18	113.9	1	209.6	11.9	1	26,913,000	1	508.9	0.396	1	182.6	1.00
002535	CSM002	07/26/96	19	108.5	1	206.3	11.9	1	26,038,000	1	469.0	0.390	1	176.6	1.00
002535	CSM002	07/26/96	20	79.0	1	197.6	11.3	1	22,540,000	1	295.6	0.393	1	145.2	1.00
002535	CSM002	07/26/96	21	103.9	1	202.8	11.7	1	25,012,000	1	431.4	0.390	1	166.8	1.00
002535	CSM002	07/26/96	22	93.6	1	204.4	11.6	1	25,008,000	1	388.6	0.396	1	165.4	1.00
002535	CSM002	07/26/96	23	48.4	1	191.1	10.1	1	18,603,000	1	149.5	0.425	1	107.1	1.00
002535	CSM002	07/27/96	0	65.1	1	171.1	9.7	1	16,366,000	1	176.9	0.397	1	90.5	1.00
002535	CSM002	07/27/96	1	87.2	1	174.2	10.0	1	17,025,000	1	246.4	0.392	1	97.0	1.00
002535	CSM002	07/27/96	2	89.5	1	174.3	10.0	1	17,156,000	1	254.9	0.392	1	97.8	1.00
002535	CSM002	07/27/96	3	100.3	1	177.0	10.0	1	17,428,000	1	290.2	0.398	1	99.3	1.00
002535	CSM002	07/27/96	4	94.4	1	176.2	10.0	1	17,720,000	1	277.7	0.396	1	101.0	1.00
002535	CSM002	07/27/96	5	56.1	1	171.4	9.7	1	15,742,000	1	146.6	0.397	1	87.0	1.00
002535	CSM002	07/27/96	6	82.0	1	179.2	9.9	1	16,532,000	1	225.0	0.407	1	93.3	1.00
002535	CSM002	07/27/96	7	56.1	1	176.8	9.6	1	16,182,000	1	150.7	0.414	1	88.5	1.00
002535	CSM002	07/27/96	8	78.5	1	176.5	9.7	1	16,946,000	1	220.8	0.409	1	93.7	1.00
002535	CSM002	07/27/96	9	138.7	1	181.7	10.4	1	19,814,000	1	456.2	0.393	1	117.5	1.00
002535	CSM002	07/27/96	10	197.5	1	184.0	10.9	1	22,502,000	1	737.7	0.379	1	139.8	1.00
002535	CSM002	07/27/96	11	168.2	1	186.7	10.7	1	21,361,000	1	596.4	0.392	1	130.3	1.00
002535	CSM002	07/27/96	12	103.1	1	195.2	10.3	1	17,957,000	1	307.3	0.426	1	105.4	1.00
002535	CSM002	07/27/96	13	106.7	1	194.9	10.3	1	18,263,000	1	323.5	0.425	1	107.2	1.00
002535	CSM002	07/27/96	14	111.9	1	191.9	10.4	1	18,394,000	1	341.7	0.415	1	109.0	1.00
002535	CSM002	07/27/96	15	117.9	1	186.2	10.4	1	19,063,000	1	373.1	0.402	1	113.0	1.00
002535	CSM002	07/27/96	16	121.2	1	183.2	10.3	1	19,013,000	1	382.5	0.400	1	111.6	1.00
002535	CSM002	07/27/96	17	155.3	1	182.2	10.7	1	20,580,000	1	530.5	0.383	1	125.5	1.00
002535	CSM002	07/27/96	18	129.6	1	187.0	10.5	1	19,446,000	1	418.4	0.400	1	116.4	1.00
002535	CSM002	07/27/96	19	113.8	1	186.9	10.5	1	18,745,000	1	354.1	0.400	1	112.2	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	07/27/96	20	84.0	1	189.7	10.3	1	18,162,000	1	253.3	0.414	1	106.6	1.00
002535	CSM002	07/27/96	21	69.5	1	182.3	10.2	1	17,769,000	1	205.0	0.402	1	103.3	1.00
002535	CSM002	07/27/96	22	37.4	1	167.2	9.8	1	16,060,000	1	99.7	0.383	1	89.7	1.00
002535	CSM002	07/27/96	23	55.8	1	177.7	10.0	1	17,545,000	1	162.5	0.400	1	100.0	1.00
002535	CSM002	07/28/96	0	45.5	1	178.3	9.9	1	16,805,000	1	126.9	0.405	1	94.8	1.00
002535	CSM002	07/28/96	1	47.0	1	178.7	9.8	1	16,932,000	1	132.1	0.410	1	94.6	1.00
002535	CSM002	07/28/96	2	98.2	1	174.1	9.7	1	15,788,000	1	257.4	0.403	1	87.3	1.00
002535	CSM002	07/28/96	3	98.4	1	171.3	9.8	1	15,907,000	1	262.5	0.393	1	88.9	1.00
002535	CSM002	07/28/96	4	99.7	1	167.3	9.7	1	15,989,000	1	264.6	0.388	1	88.4	1.00
002535	CSM002	07/28/96	5	102.4	1	172.1	9.8	1	16,117,000	1	274.0	0.395	1	90.0	1.00
002535	CSM002	07/28/96	6	149.9	1	191.9	10.1	1	17,271,000	1	429.8	0.427	1	99.4	1.00
002535	CSM002	07/28/96	7	182.9	1	197.1	10.4	1	19,495,000	1	591.9	0.426	1	115.6	1.00
002535	CSM002	07/28/96	8	184.3	1	198.2	10.6	1	19,322,000	1	591.1	0.420	1	116.7	1.00
002535	CSM002	07/28/96	9	156.9	1	207.1	11.3	1	23,448,000	1	610.7	0.412	1	151.0	1.00
002535	CSM002	07/28/96	10	174.6	1	197.2	11.5	1	24,485,000	1	709.7	0.386	1	160.5	1.00
002535	CSM002	07/28/96	11	130.8	1	190.3	11.1	1	22,175,000	1	481.5	0.386	1	140.3	1.00
002535	CSM002	07/28/96	12	152.5	1	197.6	11.3	1	23,812,000	1	602.8	0.393	1	153.4	1.00
002535	CSM002	07/28/96	13	188.4	1	197.9	11.5	1	25,107,000	1	785.2	0.387	1	164.6	1.00
002535	CSM002	07/28/96	14	202.1	1	197.7	11.6	1	25,467,000	1	854.4	0.383	1	168.4	1.00
002535	CSM002	07/28/96	15	223.1	1	202.1	11.6	1	27,013,000	1	1000.4	0.392	1	178.6	1.00
002535	CSM002	07/28/96	16	225.0	1	205.2	11.6	1	27,665,000	1	1033.3	0.398	1	182.9	1.00
002535	CSM002	07/28/96	17	153.7	1	205.1	11.6	1	27,636,000	1	705.1	0.397	1	182.7	1.00
002535	CSM002	07/28/96	18	108.5	1	204.0	11.6	1	27,532,000	1	495.9	0.395	1	182.0	1.00
002535	CSM002	07/28/96	19	76.2	1	202.5	11.6	1	27,532,000	1	348.3	0.392	1	182.0	1.00
002535	CSM002	07/28/96	20	85.4	1	199.4	11.6	1	27,497,000	1	399.8	0.386	1	181.8	1.00
002535	CSM002	07/28/96	21	59.7	1	186.0	11.3	1	25,537,000	1	253.1	0.370	1	164.5	1.00
002535	CSM002	07/28/96	22	44.7	1	185.0	10.4	1	18,259,000	1	135.5	0.401	1	108.2	1.00
002535	CSM002	07/28/96	23	73.9	1	171.3	10.1	1	17,480,000	1	214.4	0.381	1	100.6	1.00
002535	CSM002	07/29/96	0	42.8	1	167.3	9.8	1	16,138,000	1	114.7	0.384	1	90.1	1.00
002535	CSM002	07/29/96	1	41.1	1	167.3	9.9	1	16,065,000	1	109.6	0.380	1	90.7	1.00
002535	CSM002	07/29/96	2	44.2	1	168.6	9.9	1	16,323,000	1	119.8	0.383	1	92.1	1.00
002535	CSM002	07/29/96	3	67.2	1	156.2	10.3	1	18,514,000	1	206.5	0.341	1	108.7	1.00
002535	CSM002	07/29/96	4	63.0	1	154.1	10.3	1	18,267,000	1	191.0	0.336	1	107.2	1.00
002535	CSM002	07/29/96	5	81.0	1	156.1	10.4	1	19,322,000	1	259.8	0.337	1	114.5	1.00
002535	CSM002	07/29/96	6	189.5	1	177.4	11.6	1	23,879,000	1	751.2	0.344	1	157.9	1.00
002535	CSM002	07/29/96	7	153.8	1	186.4	11.1	1	23,919,000	1	610.7	0.377	1	151.3	1.00
002535	CSM002	07/29/96	8	59.7	1	192.0	11.6	1	25,659,000	1	254.3	0.372	1	169.7	1.00
002535	CSM002	07/29/96	9	43.9	1	194.3	11.8	1	26,516,000	1	193.2	0.370	1	178.3	1.00
002535	CSM002	07/29/96	10	36.5	1	187.0	11.5	1	23,927,000	1	145.0	0.366	1	156.8	1.00
002535	CSM002	07/29/96	11	56.0	1	191.4	11.7	1	26,750,000	1	248.7	0.368	1	178.4	1.00
002535	CSM002	07/29/96	12	58.2	1	189.3	11.4	1	24,302,000	1	234.8	0.373	1	157.9	1.00
002535	CSM002	07/29/96	13	117.8	1	192.2	10.3	1	19,109,000	1	373.7	0.419	1	112.2	1.00
002535	CSM002	07/29/96	14	58.1	1	183.2	10.5	1	18,889,000	1	182.2	0.392	1	113.1	1.00
002535	CSM002	07/29/96	15	45.8	1	186.5	10.9	1	23,265,000	1	176.9	0.385	1	144.5	1.00
002535	CSM002	07/29/96	16	79.7	1	202.1	11.4	1	27,599,000	1	365.1	0.399	1	179.3	1.00
002535	CSM002	07/29/96	17	73.5	1	207.9	11.4	1	27,761,000	1	338.7	0.410	1	180.4	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	07/29/96	18	68.5	1	207.8	11.4	1	27,727,000	1	315.3	0.410	1	180.2	1.00
002535	CSM002	07/29/96	19	81.5	1	207.9	11.4	1	27,788,000	1	375.9	0.410	1	180.6	1.00
002535	CSM002	07/29/96	20	48.5	1	202.6	10.9	1	23,525,000	1	189.4	0.418	1	146.2	1.00
002535	CSM002	07/29/96	21	31.6	1	200.2	10.5	1	13,954,000	1	73.2	0.429	1	83.5	1.00
002535	CSM002	07/29/96	22	109.0	1	199.2	10.9	1	13,508,000	1	244.4	0.411	1	83.9	1.00
002535	CSM002	07/29/96	23	147.3	1	198.6	11.2	1	14,899,000	1	364.3	0.399	1	95.1	1.00
002535	CSM002	07/30/96	0	133.1	1	195.3	10.9	1	14,738,000	1	325.6	0.403	1	91.6	1.00
002535	CSM002	07/30/96	1	135.0	1	179.5	10.9	1	15,213,000	1	340.9	0.370	1	94.5	1.00
002535	CSM002	07/30/96	2	115.4	1	173.0	10.9	1	14,847,000	1	284.4	0.357	1	92.2	1.00
002535	CSM002	07/30/96	3	105.8	1	176.1	10.9	1	15,152,000	1	266.1	0.363	1	94.1	1.00
002535	CSM002	07/30/96	4	81.4	1	172.5	10.6	1	14,800,000	1	200.0	0.366	1	89.4	1.00
002535	CSM002	07/30/96	5	82.6	1	180.7	10.7	1	14,493,000	1	198.7	0.378	1	88.4	1.00
002535	CSM002	07/30/96	6	102.7	1	176.8	10.5	1	16,580,000	1	282.7	0.378	1	99.2	1.00
002535	CSM002	07/30/96	7	162.8	1	182.0	10.6	1	19,109,000	1	516.4	0.386	1	115.5	1.00
002535	CSM002	07/30/96	8	140.8	1	170.2	11.0	1	22,147,000	1	517.6	0.348	1	138.9	1.00
002535	CSM002	07/30/96	9	118.4	1	189.7	11.4	1	24,668,000	1	484.8	0.374	1	160.3	1.00
002535	CSM002	07/30/96	10	88.8	1	192.1	11.6	1	26,893,000	1	396.4	0.372	1	177.8	1.00
002535	CSM002	07/30/96	11	84.3	1	193.9	11.7	1	27,043,000	1	378.4	0.373	1	180.3	1.00
002535	CSM002	07/30/96	12	89.2	1	193.3	11.7	1	27,045,000	1	400.5	0.371	1	180.4	1.00
002535	CSM002	07/30/96	13	90.3	1	191.4	11.7	1	27,097,000	1	406.2	0.368	1	180.7	1.00
002535	CSM002	07/30/96	14	96.7	1	193.3	11.6	1	27,263,000	1	427.6	0.375	1	180.3	1.00
002535	CSM002	07/30/96	15	93.8	1	195.1	11.6	1	27,421,000	1	437.0	0.378	1	181.3	1.00
002535	CSM002	07/30/96	16	92.2	1	192.3	11.6	1	27,341,000	1	418.5	0.373	1	180.8	1.00
002535	CSM002	07/30/96	17	91.0	1	193.0	11.6	1	27,341,000	1	413.0	0.374	1	180.8	1.00
002535	CSM002	07/30/96	18	89.9	1	197.0	11.7	1	27,243,000	1	406.6	0.379	1	181.7	1.00
002535	CSM002	07/30/96	19	84.9	1	195.3	11.6	1	27,140,000	1	382.5	0.378	1	179.4	1.00
002535	CSM002	07/30/96	20	49.2	1	190.0	11.3	1	22,874,000	1	186.8	0.378	1	147.3	1.00
002535	CSM002	07/30/96	21	66.2	1	202.8	11.1	1	15,139,000	1	166.4	0.411	1	95.8	1.00
002535	CSM002	07/30/96	22	22.4	1	192.8	11.1	1	14,426,000	1	53.6	0.390	1	91.3	1.00
002535	CSM002	07/30/96	23	19.3	1	190.3	11.0	1	14,405,000	1	46.2	0.389	1	90.3	1.00
002535	CSM002	07/31/96	0	20.3	1	192.5	11.1	1	14,441,000	1	48.7	0.390	1	91.4	1.00
002535	CSM002	07/31/96	1	19.3	1	192.3	11.0	1	14,467,000	1	46.3	0.393	1	90.7	1.00
002535	CSM002	07/31/96	2	17.7	1	187.5	11.1	1	14,422,000	1	42.4	0.380	1	91.2	1.00
002535	CSM002	07/31/96	3	15.1	1	186.9	11.0	1	14,583,000	1	36.6	0.382	1	91.4	1.00
002535	CSM002	07/31/96	4	13.5	1	185.8	11.1	1	14,577,000	1	32.7	0.376	1	92.2	1.00
002535	CSM002	07/31/96	5	14.2	1	186.2	11.1	1	14,595,000	1	34.4	0.377	1	92.3	1.00
002535	CSM002	07/31/96	6	49.6	1	205.4	12.0	1	16,530,000	1	136.1	0.385	1	113.1	1.00
002535	CSM002	07/31/96	7	37.5	1	199.7	11.5	1	16,077,000	1	100.1	0.390	1	105.4	1.00
002535	CSM002	07/31/96	8	34.1	1	196.6	11.5	1	15,846,000	1	89.7	0.384	1	103.9	1.00
002535	CSM002	07/31/96	9	36.0	1	190.1	11.6	1	15,729,000	1	94.0	0.368	1	104.0	1.00
002535	CSM002	07/31/96	10	34.3	1	192.9	11.7	1	15,695,000	1	89.4	0.371	1	104.7	1.00
002535	CSM002	07/31/96	11	36.0	1	204.1	11.8	1	15,658,000	1	93.6	0.371	1	105.3	1.00
002535	CSM002	07/31/96	12	51.2	1	204.1	11.9	1	16,372,000	1	139.1	0.386	1	111.1	1.00
002535	CSM002	07/31/96	13	123.8	1	228.0	13.0	1	21,199,000	1	435.7	0.394	1	157.1	1.00
002535	CSM002	07/31/96	14	175.2	1	231.3	13.4	1	23,683,000	1	688.8	0.388	1	180.9	1.00
002535	CSM002	07/31/96	15	164.5	1	232.5	13.2	1	24,023,000	1	656.0	0.396	1	180.7	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	07/31/96	16	172.8	1	234.4	13.3	1	24,083,000	1	690.8	0.396	1	182.6	1.00
002535	CSM002	07/31/96	17	184.9	1	236.4	13.2	1	24,215,000	1	743.2	0.402	1	182.2	1.00
002535	CSM002	07/31/96	18	171.9	1	236.5	13.3	1	24,054,000	1	686.4	0.400	1	182.4	1.00
002535	CSM002	07/31/96	19	161.2	1	232.0	13.1	1	23,426,000	1	626.9	0.398	1	174.9	1.00
002535	CSM002	07/31/96	20	108.5	1	230.8	12.6	1	20,162,000	1	363.1	0.412	1	144.8	1.00
002535	CSM002	07/31/96	21	92.9	1	223.4	11.4	1	14,360,000	1	221.5	0.441	1	93.3	1.00
002535	CSM002	07/31/96	22	114.5	1	220.0	11.5	1	13,792,000	1	262.1	0.431	1	90.4	1.00
002535	CSM002	07/31/96	23	117.3	1	210.0	11.5	1	13,822,000	1	269.1	0.411	1	90.6	1.00
002535	CSM002	08/01/96	0	119.6	1	185.8	11.4	1	13,844,000	1	274.9	0.366	1	90.0	1.00
002535	CSM002	08/01/96	1	118.4	1	184.3	11.3	1	13,923,000	1	273.6	0.367	1	89.7	1.00
002535	CSM002	08/01/96	2	113.6	1	183.0	11.2	1	14,133,000	1	266.5	0.367	1	90.2	1.00
002535	CSM002	08/01/96	3	112.3	1	184.6	11.3	1	14,018,000	1	261.3	0.367	1	90.3	1.00
002535	CSM002	08/01/96	4	97.8	1	184.0	11.4	1	13,858,000	1	225.0	0.363	1	90.0	1.00
002535	CSM002	08/01/96	5	92.2	1	184.2	11.4	1	13,891,000	1	212.6	0.363	1	90.3	1.00
002535	CSM002	08/01/96	6	103.9	1	184.7	11.5	1	14,343,000	1	247.4	0.361	1	94.0	1.00
002535	CSM002	08/01/96	7	136.3	1	196.8	11.8	1	16,502,000	1	373.4	0.375	1	111.0	1.00
002535	CSM002	08/01/96	8	146.5	1	195.9	11.9	1	16,538,000	1	402.2	0.370	1	112.2	1.00
002535	CSM002	08/01/96	9	125.0	1	219.5	12.1	1	17,282,000	1	358.6	0.408	1	119.2	1.00
002535	CSM002	08/01/96	10	22.7	1	213.1	12.1	1	17,058,000	1	64.3	0.396	1	117.6	1.00
002535	CSM002	08/01/96	11	75.5	1	217.2	11.9	1	16,653,000	1	208.7	0.410	1	113.0	1.00
002535	CSM002	08/01/96	12	119.4	1	220.9	12.5	1	18,725,000	1	371.1	0.397	1	133.4	1.00
002535	CSM002	08/01/96	13	108.0	1	228.9	12.8	1	19,477,000	1	349.2	0.402	1	142.1	1.00
002535	CSM002	08/01/96	14	155.7	1	241.4	13.1	1	20,106,000	1	519.7	0.414	1	150.1	1.00
002535	CSM002	08/01/96	15	188.1	1	246.1	13.6	1	22,612,000	1	706.1	0.407	1	175.3	1.00
002535	CSM002	08/01/96	16	195.1	1	236.3	13.4	1	22,009,000	1	712.8	0.396	1	168.1	1.00
002535	CSM002	08/01/96	17	200.9	1	238.1	13.4	1	21,684,000	1	723.1	0.400	1	165.6	1.00
002535	CSM002	08/01/96	18	213.5	1	241.2	13.5	1	22,813,000	1	808.5	0.402	1	175.5	1.00
002535	CSM002	08/01/96	19	217.2	1	243.2	13.6	1	22,796,000	1	821.9	0.402	1	176.7	1.00
002535	CSM002	08/01/96	20	159.3	1	231.5	12.9	1	20,281,000	1	536.3	0.404	1	149.1	1.00
002535	CSM002	08/01/96	21	50.7	1	210.3	11.7	1	14,786,000	1	124.4	0.404	1	98.6	1.00
002535	CSM002	08/01/96	22	60.7	1	211.9	11.8	1	14,372,000	1	144.8	0.404	1	96.7	1.00
002535	CSM002	08/01/96	23	111.1	1	199.2	11.5	1	14,482,000	1	267.1	0.389	1	94.9	1.00
002535	CSM002	08/02/96	0	121.6	1	198.8	11.6	1	14,897,000	1	300.7	0.385	1	98.5	1.00
002535	CSM002	08/02/96	1	116.2	1	195.7	11.6	1	14,686,000	1	283.3	0.379	1	97.1	1.00
002535	CSM002	08/02/96	2	116.7	1	196.2	11.4	1	14,527,000	1	281.4	0.387	1	94.4	1.00
002535	CSM002	08/02/96	3	118.6	1	188.9	11.5	1	14,187,000	1	279.3	0.369	1	93.0	1.00
002535	CSM002	08/02/96	4	106.5	1	183.9	11.3	1	13,577,000	1	240.0	0.366	1	87.4	1.00
002535	CSM002	08/02/96	5	110.7	1	189.6	11.4	1	13,961,000	1	256.6	0.374	1	90.7	1.00
002535	CSM002	08/02/96	6	105.8	1	178.6	11.5	1	13,709,000	1	240.8	0.349	1	89.9	1.00
002535	CSM002	08/02/96	7	105.0	1	191.8	11.6	1	14,356,000	1	250.2	0.372	1	94.9	1.00
002535	CSM002	08/02/96	8	44.9	1	223.7	11.9	1	15,564,000	1	116.0	0.423	1	105.6	1.00
002535	CSM002	08/02/96	9	34.0	1	202.2	11.3	1	14,099,000	1	79.6	0.402	1	90.8	1.00
002535	CSM002	08/02/96	10	42.8	1	217.8	11.8	1	15,228,000	1	108.2	0.415	1	102.4	1.00
002535	CSM002	08/02/96	11	28.2	1	202.2	11.5	1	14,285,000	1	66.9	0.395	1	93.6	1.00
002535	CSM002	08/02/96	12	28.6	1	215.1	11.8	1	15,185,000	1	72.1	0.410	1	102.1	1.00
002535	CSM002	08/02/96	13	26.4	1	213.3	11.7	1	14,997,000	1	65.7	0.410	1	100.0	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	08/02/96	14	33.7	1	212.4	11.7	1	14,843,000	1	83.0	0.408	1	99.0	1.00
002535	CSM002	08/02/96	15	35.7	1	217.3	11.6	1	14,932,000	1	88.5	0.421	1	98.7	1.00
002535	CSM002	08/02/96	16	45.9	1	224.5	12.1	1	16,355,000	1	124.6	0.417	1	112.8	1.00
002535	CSM002	08/02/96	17	33.9	1	213.2	11.7	1	15,401,000	1	86.7	0.410	1	102.7	1.00
002535	CSM002	08/02/96	18	192.1	1	192.1	11.2	1	14,026,000	1	32.4	0.386	1	89.5	1.00
002535	CSM002	08/02/96	19	49.8	1	218.6	11.9	1	16,617,000	1	137.4	0.413	1	112.7	1.00
002535	CSM002	08/02/96	20	53.0	1	230.7	12.1	1	17,045,000	1	150.0	0.429	1	117.6	1.00
002535	CSM002	08/02/96	21	70.8	1	224.4	12.0	1	16,869,000	1	198.3	0.420	1	115.4	1.00
002535	CSM002	08/02/96	22	61.3	1	217.1	11.9	1	16,179,000	1	164.6	0.410	1	109.7	1.00
002535	CSM002	08/02/96	23	49.8	1	216.7	11.7	1	15,715,000	1	129.9	0.416	1	104.8	1.00
002535	CSM002	08/03/96	0	61.7	1	209.3	11.7	1	15,924,000	1	163.1	0.402	1	106.2	1.00
002535	CSM002	08/03/96	1	72.3	1	222.1	12.0	1	17,576,000	1	210.9	0.416	1	120.2	1.00
002535	CSM002	08/03/96	2	65.3	1	223.4	12.0	1	17,004,000	1	184.3	0.419	1	116.3	1.00
002535	CSM002	08/03/96	3	71.5	1	200.9	12.0	1	17,021,000	1	202.0	0.376	1	116.4	1.00
002535	CSM002	08/03/96	4	84.1	1	184.1	12.1	1	17,238,000	1	240.7	0.342	1	118.9	1.00
002535	CSM002	08/03/96	5	51.8	1	171.8	11.9	1	15,585,000	1	134.0	0.325	1	105.7	1.00
002535	CSM002	08/03/96	6	50.8	1	191.4	11.8	1	14,767,000	1	124.5	0.365	1	99.3	1.00
002535	CSM002	08/03/96	7	38.2	1	193.6	11.5	1	14,623,000	1	92.7	0.378	1	101.2	1.00
002535	CSM002	08/03/96	8	44.6	1	206.7	11.6	1	15,310,000	1	113.3	0.401	1	98.7	1.00
002535	CSM002	08/03/96	9	42.7	1	196.0	11.7	1	14,806,000	1	104.9	0.377	1	104.5	1.00
002535	CSM002	08/03/96	10	51.1	1	210.3	11.8	1	15,535,000	1	131.8	0.401	1	97.3	1.00
002535	CSM002	08/03/96	11	44.1	1	201.2	11.6	1	14,713,000	1	107.7	0.390	1	104.7	1.00
002535	CSM002	08/03/96	12	56.3	1	211.5	11.9	1	15,440,000	1	144.3	0.399	1	115.0	1.00
002535	CSM002	08/03/96	13	80.1	1	216.4	12.3	1	16,406,000	1	218.1	0.406	1	121.3	1.00
002535	CSM002	08/03/96	14	95.0	1	222.1	12.3	1	17,302,000	1	287.1	0.408	1	121.5	1.00
002535	CSM002	08/03/96	15	99.8	1	223.3	12.3	1	17,332,000	1	296.9	0.413	1	124.1	1.00
002535	CSM002	08/03/96	16	101.9	1	228.0	12.4	1	17,554,000	1	370.8	0.406	1	128.1	1.00
002535	CSM002	08/03/96	17	124.2	1	239.8	12.5	1	22,335,000	1	757.1	0.399	1	171.9	1.00
002535	CSM002	08/03/96	18	204.2	1	239.1	13.5	1	22,473,000	1	649.5	0.398	1	172.9	1.00
002535	CSM002	08/03/96	19	174.1	1	236.6	13.4	1	22,833,000	1	297.2	0.397	1	174.4	1.00
002535	CSM002	08/03/96	20	78.4	1	234.0	13.4	1	23,049,000	1	261.9	0.393	1	173.6	1.00
002535	CSM002	08/03/96	21	69.4	1	235.4	13.5	1	23,500,000	1	287.3	0.392	1	177.4	1.00
002535	CSM002	08/03/96	22	75.1	1	254.5	13.6	1	23,445,000	1	332.0	0.421	1	182.2	1.00
002535	CSM002	08/03/96	23	85.1	1	255.9	13.7	1	23,543,000	1	341.3	0.420	1	183.1	1.00
002535	CSM002	08/04/96	0	87.7	1	244.6	13.6	1	22,543,000	1	253.3	0.404	1	174.8	1.00
002535	CSM002	08/04/96	1	67.7	1	244.3	13.5	1	22,035,000	1	246.9	0.407	1	169.6	1.00
002535	CSM002	08/04/96	2	67.5	1	242.1	13.3	1	20,345,000	1	472.8	0.409	1	154.2	1.00
002535	CSM002	08/04/96	3	140.0	1	239.8	13.1	1	19,747,000	1	499.9	0.411	1	147.5	1.00
002535	CSM002	08/04/96	4	152.5	1	231.8	12.2	1	16,994,000	1	259.3	0.427	1	118.2	1.00
002535	CSM002	08/04/96	5	91.9	1	230.5	12.6	1	17,396,000	1	323.1	0.411	1	124.9	1.00
002535	CSM002	08/04/96	6	111.9	1	243.4	13.4	1	21,128,000	1	710.9	0.408	1	161.4	1.00
002535	CSM002	08/04/96	7	202.7	1	236.3	13.8	1	22,892,000	1	489.8	0.385	1	180.1	1.00
002535	CSM002	08/04/96	8	128.9	1	242.7	13.9	1	23,368,000	1	351.8	0.392	1	185.1	1.00
002535	CSM002	08/04/96	9	90.7	1	239.9	14.0	1	23,174,000	1	375.5	0.385	1	184.9	1.00
002535	CSM002	08/04/96	10	97.6	1	239.4	14.1	1	23,121,000	1	412.6	0.382	1	185.8	1.00
002535	CSM002	08/04/96	11	107.5	1	239.4	14.1	1							

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	08/04/96	12	101.9	1	243.6	14.1	1	23,111,000	1	390.9	0.388	1	185.7	1.00
002535	CSM002	08/04/96	13	108.8	1	245.0	14.1	1	23,037,000	1	416.1	0.391	1	185.1	1.00
002535	CSM002	08/04/96	14	107.1	1	249.1	14.1	1	23,115,000	1	411.0	0.397	1	185.8	1.00
002535	CSM002	08/04/96	15	79.4	1	230.0	13.4	1	20,981,000	1	276.5	0.386	1	160.3	1.00
002535	CSM002	08/04/96	16	87.7	1	247.8	13.5	1	22,123,000	1	322.1	0.413	1	170.2	1.00
002535	CSM002	08/04/96	17	96.2	1	244.7	13.8	1	23,402,000	1	373.7	0.399	1	184.1	1.00
002535	CSM002	08/04/96	18	89.2	1	243.2	13.9	1	22,698,000	1	336.1	0.393	1	179.8	1.00
002535	CSM002	08/04/96	19	91.7	1	251.8	13.8	1	23,464,000	1	357.2	0.410	1	184.6	1.00
002535	CSM002	08/04/96	20	89.3	1	250.6	13.7	1	23,264,000	1	344.9	0.410	1	181.7	1.00
002535	CSM002	08/04/96	21	71.9	1	235.9	13.4	1	21,729,000	1	259.3	0.396	1	166.0	1.00
002535	CSM002	08/04/96	22	67.2	1	230.9	13.1	1	19,923,000	1	222.2	0.396	1	148.8	1.00
002535	CSM002	08/04/96	23	69.7	1	231.8	13.0	1	20,248,000	1	234.3	0.401	1	150.0	1.00
002535	CSM002	08/04/96	0	90.7	1	239.5	13.5	1	22,648,000	1	341.0	0.399	1	174.3	1.00
002535	CSM002	08/05/96	1	93.0	1	236.8	13.6	1	23,486,000	1	362.6	0.391	1	182.1	1.00
002535	CSM002	08/05/96	2	83.6	1	231.9	13.4	1	22,211,000	1	308.2	0.389	1	169.6	1.00
002535	CSM002	08/05/96	3	76.2	1	223.8	13.3	1	21,541,000	1	272.5	0.378	1	163.3	1.00
002535	CSM002	08/05/96	4	78.6	1	196.3	13.3	1	22,028,000	1	287.4	0.332	1	167.0	1.00
002535	CSM002	08/05/96	5	76.4	1	180.1	13.1	1	21,324,000	1	270.4	0.309	1	159.2	1.00
002535	CSM002	08/05/96	6	96.3	1	190.6	13.6	1	23,815,000	1	380.7	0.315	1	184.6	1.00
002535	CSM002	08/05/96	7	109.1	1	177.7	13.6	1	23,710,000	1	429.4	0.294	1	183.8	1.00
002535	CSM002	08/05/96	8	97.4	1	174.5	13.6	1	23,772,000	1	384.4	0.288	1	184.3	1.00
002535	CSM002	08/05/96	9	101.3	1	177.8	13.8	1	23,763,000	1	399.6	0.290	1	186.9	1.00
002535	CSM002	08/05/96	10	94.5	1	180.3	13.9	1	23,428,000	1	367.5	0.292	1	185.6	1.00
002535	CSM002	08/05/96	11	103.8	1	180.9	13.9	1	23,635,000	1	407.2	0.293	1	187.3	1.00
002535	CSM002	08/05/96	12	113.9	1	185.3	13.9	1	23,374,000	1	441.9	0.300	1	185.2	1.00
002535	CSM002	08/05/96	13	117.3	1	188.2	13.7	1	23,716,000	1	461.8	0.309	1	185.2	1.00
002535	CSM002	08/05/96	14	106.7	1	192.1	13.8	1	23,851,000	1	422.5	0.313	1	187.6	1.00
002535	CSM002	08/05/96	15	106.4	1	192.2	13.8	1	23,714,000	1	418.8	0.313	1	186.5	1.00
002535	CSM002	08/05/96	16	103.4	1	190.6	13.8	1	23,578,000	1	404.7	0.311	1	185.5	1.00
002535	CSM002	08/05/96	17	100.5	1	189.8	13.7	1	22,970,000	1	383.2	0.312	1	179.4	1.00
002535	CSM002	08/05/96	18	104.6	1	198.1	13.7	1	23,902,000	1	415.0	0.325	1	186.7	1.00
002535	CSM002	08/05/96	19	107.9	1	198.8	13.7	1	23,768,000	1	425.7	0.326	1	185.6	1.00
002535	CSM002	08/05/96	20	115.3	1	199.0	13.6	1	23,839,000	1	456.3	0.329	1	184.8	1.00
002535	CSM002	08/05/96	21	108.1	1	187.9	13.4	1	22,843,000	1	409.9	0.315	1	174.5	1.00
002535	CSM002	08/05/96	22	73.9	1	178.6	12.6	1	19,862,000	1	243.7	0.319	1	142.6	1.00
002535	CSM002	08/05/96	23	90.6	1	193.0	13.4	1	21,650,000	1	325.6	0.324	1	165.4	1.00
002535	CSM002	08/06/96	0	105.1	1	217.6	13.6	1	23,225,000	1	405.2	0.360	1	180.0	1.00
002535	CSM002	08/06/96	1	103.9	1	221.0	13.5	1	23,209,000	1	400.3	0.368	1	178.6	1.00
002535	CSM002	08/06/96	2	98.1	1	213.9	13.4	1	22,793,000	1	371.2	0.359	1	174.1	1.00
002535	CSM002	08/06/96	3	70.0	1	202.7	13.1	1	20,400,000	1	237.0	0.348	1	152.3	1.00
002535	CSM002	08/06/96	4	64.4	1	204.4	12.8	1	19,481,000	1	208.3	0.359	1	142.1	1.00
002535	CSM002	08/06/96	5	50.4	1	205.7	12.5	1	18,501,000	1	154.8	0.370	1	131.8	1.00
002535	CSM002	08/06/96	6	56.7	1	206.0	12.8	1	17,817,000	1	167.7	0.362	1	130.0	1.00
002535	CSM002	08/06/96	7	89.4	1	203.3	13.4	1	22,956,000	1	340.7	0.341	1	175.3	1.00
002535	CSM002	08/06/96	8	85.8	1	200.4	13.7	1	24,189,000	1	344.5	0.329	1	188.9	1.00
002535	CSM002	08/06/96	9	60.9	1	193.0	13.6	1	23,568,000	1	238.3	0.319	1	182.7	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LBHR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	08/06/96	10	68.5	1	202.8	13.8	1	23,800,000	1	270.6	0.330	1	187.2	1.00
002535	CSM002	08/06/96	11	75.5	1	200.5	13.8	1	23,865,000	1	299.1	0.327	1	187.7	1.00
002535	CSM002	08/06/96	12	85.2	1	202.0	13.7	1	23,738,000	1	335.7	0.331	1	185.4	1.00
002535	CSM002	08/06/96	13	81.9	1	203.4	13.8	1	23,471,000	1	319.1	0.331	1	184.6	1.00
002535	CSM002	08/06/96	14	93.3	1	211.3	13.9	1	23,723,000	1	367.4	0.342	1	188.0	1.00
002535	CSM002	08/06/96	15	96.8	1	214.4	13.9	1	23,762,000	1	381.8	0.347	1	188.3	1.00
002535	CSM002	08/06/96	16	100.6	1	211.6	13.9	1	23,855,000	1	398.4	0.342	1	189.0	1.00
002535	CSM002	08/06/96	17	123.9	1	210.5	13.8	1	24,033,000	1	494.3	0.343	1	189.0	1.00
002535	CSM002	08/06/96	18	117.0	1	210.1	13.8	1	23,952,000	1	465.2	0.342	1	188.4	1.00
002535	CSM002	08/06/96	19	126.6	1	209.2	13.9	1	23,819,000	1	500.6	0.338	1	188.7	1.00
002535	CSM002	08/06/96	20	130.1	1	211.5	13.8	1	23,865,000	1	515.4	0.344	1	187.7	1.00
002535	CSM002	08/06/96	21	113.1	1	207.9	13.8	1	23,908,000	1	448.9	0.339	1	188.1	1.00
002535	CSM002	08/06/96	22	108.6	1	206.0	13.7	1	23,833,000	1	429.7	0.338	1	186.1	1.00
002535	CSM002	08/06/96	23	63.2	1	188.4	13.0	1	21,124,000	1	221.6	0.326	1	156.5	1.00
002535	CSM002	08/07/96	0	36.5	1	198.8	11.8	1	16,398,000	1	99.4	0.379	1	110.3	1.00
002535	CSM002	08/07/96	1	67.5	1	201.2	13.0	1	19,621,000	1	219.9	0.348	1	145.4	1.00
002535	CSM002	08/07/96	2	107.4	1	227.4	13.4	1	23,880,000	1	425.7	0.382	1	182.4	1.00
002535	CSM002	08/07/96	3	98.2	1	222.3	13.6	1	23,279,000	1	379.5	0.367	1	180.5	1.00
002535	CSM002	08/07/96	4	88.6	1	214.2	13.4	1	23,129,000	1	340.2	0.359	1	176.7	1.00
002535	CSM002	08/07/96	5	100.0	1	217.0	13.4	1	23,379,000	1	388.1	0.364	1	178.6	1.00
002535	CSM002	08/07/96	6	118.0	1	192.4	13.8	1	23,731,000	1	464.8	0.313	1	186.7	1.00
002535	CSM002	08/07/96	7	114.1	1	193.9	13.6	1	24,115,000	1	456.8	0.320	1	186.9	1.00
002535	CSM002	08/07/96	8	116.6	1	179.7	13.5	1	24,173,000	1	467.9	0.299	1	186.0	1.00
002535	CSM002	08/07/96	9	121.4	1	177.0	13.8	1	23,568,000	1	475.0	0.288	1	185.4	1.00
002535	CSM002	08/07/96	10	112.4	1	173.3	13.8	1	23,418,000	1	436.9	0.282	1	184.2	1.00
002535	CSM002	08/07/96	11	114.9	1	178.1	13.8	1	23,957,000	1	457.1	0.290	1	188.5	1.00
002535	CSM002	08/07/96	12	120.5	1	181.0	13.9	1	23,799,000	1	476.1	0.293	1	188.6	1.00
002535	CSM002	08/07/96	13	140.2	1	186.9	14.0	1	23,183,000	1	539.5	0.300	1	185.0	1.00
002535	CSM002	08/07/96	14	157.6	1	184.9	13.9	1	23,713,000	1	620.4	0.299	1	187.9	1.00
002535	CSM002	08/07/96	15	136.0	1	186.7	13.9	1	23,809,000	1	537.5	0.302	1	188.6	1.00
002535	CSM002	08/07/96	16	139.4	1	189.3	13.9	1	23,646,000	1	547.2	0.306	1	187.3	1.00
002535	CSM002	08/07/96	17	126.6	1	189.9	13.9	1	23,553,000	1	495.0	0.307	1	186.6	1.00
002535	CSM002	08/07/96	18	121.4	1	188.0	13.8	1	23,297,000	1	469.5	0.306	1	183.3	1.00
002535	CSM002	08/07/96	19	121.7	1	186.3	13.8	1	23,320,000	1	471.1	0.303	1	183.4	1.00
002535	CSM002	08/07/96	20	102.3	1	185.0	13.8	1	23,079,000	1	391.9	0.301	1	181.5	1.00
002535	CSM002	08/07/96	21	98.7	1	180.7	13.6	1	23,062,000	1	377.9	0.299	1	178.8	1.00
002535	CSM002	08/07/96	22	102.9	1	181.9	13.6	1	23,116,000	1	394.9	0.301	1	179.2	1.00
002535	CSM002	08/07/96	23	88.7	1	185.3	13.4	1	21,837,000	1	321.5	0.311	1	166.8	1.00
002535	CSM002	08/08/96	0	99.9	1	212.1	13.2	1	21,890,000	1	363.0	0.361	1	164.7	1.00
002535	CSM002	08/08/96	1	80.6	1	206.6	13.3	1	21,382,000	1	286.1	0.349	1	162.1	1.00
002535	CSM002	08/08/96	2	46.8	1	175.1	12.3	1	17,520,000	1	136.1	0.320	1	122.8	1.00
002535	CSM002	08/08/96	3	153.9	1	180.6	11.8	1	15,414,000	1	393.8	0.344	1	103.7	1.00
002535	CSM002	08/08/96	4	154.5	1	173.3	11.9	1	15,496,000	1	397.4	0.327	1	105.1	1.00
002535	CSM002	08/08/96	5	129.0	1	177.3	12.7	1	17,784,000	1	380.8	0.314	1	128.7	1.00
002535	CSM002	08/08/96	6	94.2	1	197.0	13.8	1	22,976,000	1	359.3	0.321	1	180.7	1.00
002535	CSM002	08/08/96	7	95.0	1	200.9	13.6	1	23,911,000	1	377.1	0.332	1	185.4	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	08/08/96	8	93.5	1	195.6	13.5	1	24,168,000	1	375.1	0.326	1	186.0	1.00
002535	CSM002	08/08/96	9	82.6	1	195.1	13.7	1	23,349,000	1	320.2	0.320	1	182.3	1.00
002535	CSM002	08/08/96	10	84.8	1	192.7	13.6	1	24,042,000	1	338.4	0.318	1	186.4	1.00
002535	CSM002	08/08/96	11	79.6	1	191.6	13.6	1	24,097,000	1	318.4	0.317	1	186.8	1.00
002535	CSM002	08/08/96	12	60.3	1	191.3	13.6	1	23,998,000	1	240.2	0.316	1	186.0	1.00
002535	CSM002	08/08/96	13	160.7	1	192.5	13.6	1	24,002,000	1	640.3	0.318	1	186.1	1.00
002535	CSM002	08/08/96	14	168.7	1	191.8	13.5	1	23,782,000	1	666.0	0.319	1	183.0	1.00
002535	CSM002	08/08/96	15	175.8	1	195.7	13.5	1	23,810,000	1	694.8	0.326	1	183.2	1.00
002535	CSM002	08/08/96	16	202.4	1	200.2	13.4	1	23,878,000	1	802.3	0.336	1	182.4	1.00
002535	CSM002	08/08/96	17	191.4	1	199.5	13.5	1	23,706,000	1	753.2	0.332	1	182.4	1.00
002535	CSM002	08/08/96	18	190.1	1	195.9	13.6	1	23,495,000	1	741.4	0.324	1	182.1	1.00
002535	CSM002	08/08/96	19	171.4	1	201.6	13.5	1	23,226,000	1	660.8	0.336	1	178.7	1.00
002535	CSM002	08/08/96	20	99.9	1	212.8	13.1	1	19,505,000	1	323.5	0.365	1	145.6	1.00
002535	CSM002	08/08/96	21	95.3	1	223.2	12.8	1	18,861,000	1	298.4	0.392	1	137.6	1.00
002535	CSM002	08/08/96	22	57.8	1	233.6	12.1	1	16,321,000	1	156.6	0.434	1	112.6	1.00
002535	CSM002	08/08/96	23	48.5	1	210.0	11.9	1	16,111,000	1	129.7	0.397	1	109.3	1.00
002535	CSM002	08/09/96	0	28.1	1	198.9	11.9	1	15,674,000	1	73.1	0.376	1	106.3	1.00
002535	CSM002	08/09/96	1	45.8	1	198.0	12.0	1	16,272,000	1	123.7	0.371	1	111.3	1.00
002535	CSM002	08/09/96	2	35.8	1	199.5	11.9	1	15,866,000	1	94.3	0.377	1	107.6	1.00
002535	CSM002	08/09/96	3	29.8	1	197.7	11.8	1	16,060,000	1	79.4	0.377	1	108.0	1.00
002535	CSM002	08/09/96	4	35.7	1	197.6	11.8	1	16,222,000	1	96.1	0.376	1	109.1	1.00
002535	CSM002	08/09/96	5	99.5	1	207.0	12.6	1	18,710,000	1	309.0	0.369	1	134.4	1.00
002535	CSM002	08/09/96	6	164.0	1	238.0	13.7	1	23,196,000	1	631.5	0.390	1	181.1	1.00
002535	CSM002	08/09/96	7	95.4	1	222.8	13.6	1	23,907,000	1	378.6	0.368	1	185.3	1.00
002535	CSM002	08/09/96	8	70.6	1	218.9	13.5	1	24,066,000	1	282.0	0.365	1	185.2	1.00
002535	CSM002	08/09/96	9	78.0	1	219.4	13.6	1	23,766,000	1	307.7	0.363	1	184.2	1.00
002535	CSM002	08/09/96	10	99.8	1	207.8	13.8	1	23,838,000	1	394.9	0.339	1	187.5	1.00
002535	CSM002	08/09/96	11	133.4	1	199.3	13.8	1	24,117,000	1	534.1	0.325	1	189.7	1.00
002535	CSM002	08/09/96	12	157.0	1	199.8	13.7	1	24,042,000	1	626.6	0.328	1	187.7	1.00
002535	CSM002	08/09/96	13	111.7	1	196.7	13.6	1	23,801,000	1	441.3	0.325	1	184.5	1.00
002535	CSM002	08/09/96	14	112.5	1	197.5	13.7	1	23,993,000	1	448.1	0.324	1	187.4	1.00
002535	CSM002	08/09/96	15	113.6	1	200.0	13.7	1	23,946,000	1	451.6	0.328	1	187.0	1.00
002535	CSM002	08/09/96	16	90.7	1	193.2	13.6	1	23,578,000	1	355.0	0.319	1	182.8	1.00
002535	CSM002	08/09/96	17	85.8	1	181.6	13.7	1	21,750,000	1	309.8	0.298	1	169.8	1.00
002535	CSM002	08/09/96	18	44.2	1	185.7	12.4	1	17,372,000	1	127.5	0.337	1	122.8	1.00
002535	CSM002	08/09/96	19	30.8	1	205.7	12.3	1	15,929,000	1	81.4	0.376	1	111.7	1.00
002535	CSM002	08/09/96	20	60.7	1	216.8	12.2	1	16,085,000	1	162.1	0.400	1	111.9	1.00
002535	CSM002	08/09/96	21	47.7	1	217.7	11.9	1	15,319,000	1	121.3	0.411	1	103.9	1.00
002535	CSM002	08/09/96	22	24.3	1	184.1	11.3	1	13,388,000	1	54.0	0.366	1	86.2	1.00
002535	CSM002	08/09/96	23	21.5	1	182.8	11.3	1	13,210,000	1	47.1	0.364	1	85.1	1.00
002535	CSM002	08/10/96	0	21.1	1	184.9	11.6	1	13,605,000	1	47.7	0.358	1	90.0	1.00
002535	CSM002	08/10/96	1	27.9	1	193.8	11.5	1	14,189,000	1	65.7	0.379	1	93.0	1.00
002535	CSM002	08/10/96	2	29.4	1	199.9	11.6	1	13,991,000	1	68.3	0.387	1	92.5	1.00
002535	CSM002	08/10/96	3	31.7	1	199.5	11.6	1	13,947,000	1	73.4	0.387	1	92.2	1.00
002535	CSM002	08/10/96	4	31.4	1	197.5	11.6	1	13,942,000	1	72.7	0.383	1	92.2	1.00
002535	CSM002	08/10/96	5	24.8	1	194.6	11.6	1	13,980,000	1	57.6	0.377	1	92.4	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	08/10/96	6	28.6	1	203.6	11.8	1	14,129,000	1	67.1	0.388	1	95.0	1.00
002535	CSM002	08/10/96	7	35.5	1	207.8	11.8	1	15,170,000	1	89.4	0.396	1	102.0	1.00
002535	CSM002	08/10/96	8	44.5	1	220.2	11.8	1	15,782,000	1	116.6	0.419	1	106.1	1.00
002535	CSM002	08/10/96	9	46.5	1	220.3	11.7	1	15,774,000	1	121.8	0.423	1	105.2	1.00
002535	CSM002	08/10/96	10	47.7	1	213.3	11.9	1	15,483,000	1	122.6	0.403	1	105.0	1.00
002535	CSM002	08/10/96	11	53.7	1	209.1	11.9	1	15,503,000	1	138.2	0.395	1	105.2	1.00
002535	CSM002	08/10/96	12	61.7	1	202.2	11.9	1	15,643,000	1	160.2	0.382	1	106.1	1.00
002535	CSM002	08/10/96	13	50.5	1	205.7	11.5	1	14,565,000	1	122.1	0.402	1	95.5	1.00
002535	CSM002	08/10/96	14	106.6	1	203.0	11.6	1	14,662,000	1	259.5	0.394	1	96.9	1.00
002535	CSM002	08/10/96	15	97.3	1	203.7	11.6	1	13,967,000	1	225.6	0.395	1	92.3	1.00
002535	CSM002	08/10/96	16	136.1	1	216.1	12.0	1	15,320,000	1	346.1	0.405	1	104.8	1.00
002535	CSM002	08/10/96	17	118.9	1	212.8	11.9	1	14,619,000	1	288.5	0.402	1	99.2	1.00
002535	CSM002	08/10/96	18	122.6	1	210.9	11.9	1	14,574,000	1	296.6	0.398	1	98.9	1.00
002535	CSM002	08/10/96	19	125.7	1	205.7	12.1	1	14,312,000	1	298.6	0.382	1	98.7	1.00
002535	CSM002	08/10/96	20	92.0	1	212.1	11.6	1	12,942,000	1	197.7	0.411	1	85.6	1.00
002535	CSM002	08/10/96	21	98.9	1	208.4	11.8	1	12,777,000	1	209.8	0.397	1	85.9	1.00
002535	CSM002	08/10/96	22	104.2	1	215.7	11.9	1	13,161,000	1	227.6	0.407	1	89.3	1.00
002535	CSM002	08/10/96	23	105.6	1	217.4	11.9	1	13,224,000	1	231.8	0.411	1	89.7	1.00
002535	CSM002	08/11/96	0	109.1	1	212.5	11.7	1	13,389,000	1	242.5	0.408	1	88.8	1.00
002535	CSM002	08/11/96	1	111.4	1	212.0	11.7	1	13,309,000	1	246.1	0.407	1	89.3	1.00
002535	CSM002	08/11/96	2	99.8	1	213.7	11.8	1	13,306,000	1	220.4	0.407	1	88.5	1.00
002535	CSM002	08/11/96	3	105.4	1	212.5	11.7	1	13,283,000	1	232.4	0.408	1	88.6	1.00
002535	CSM002	08/11/96	4	99.4	1	210.4	11.7	1	13,315,000	1	219.7	0.404	1	88.8	1.00
002535	CSM002	08/11/96	5	96.3	1	214.4	11.8	1	13,413,000	1	214.4	0.408	1	90.2	1.00
002535	CSM002	08/11/96	6	118.5	1	220.1	11.9	1	13,595,000	1	267.4	0.416	1	92.2	1.00
002535	CSM002	08/11/96	7	126.5	1	216.5	11.8	1	14,552,000	1	305.6	0.413	1	97.9	1.00
002535	CSM002	08/11/96	8	159.9	1	224.2	12.4	1	16,102,000	1	427.4	0.406	1	113.8	1.00
002535	CSM002	08/11/96	9	165.7	1	217.7	12.8	1	16,245,000	1	446.8	0.382	1	118.5	1.00
002535	CSM002	08/11/96	10	107.0	1	194.7	12.0	1	14,056,000	1	277.7	0.378	1	92.6	1.00
002535	CSM002	08/11/96	11	119.0	1	206.7	12.3	1	14,056,000	1	277.7	0.378	1	98.5	1.00
002535	CSM002	08/11/96	12	89.2	1	218.2	12.4	1	14,017,000	1	207.6	0.396	1	99.1	1.00
002535	CSM002	08/11/96	13	146.9	1	221.6	12.5	1	14,575,000	1	355.4	0.399	1	103.8	1.00
002535	CSM002	08/11/96	14	130.3	1	220.9	12.7	1	14,883,000	1	321.9	0.391	1	107.7	1.00
002535	CSM002	08/11/96	15	141.3	1	219.7	12.5	1	14,973,000	1	351.2	0.395	1	106.7	1.00
002535	CSM002	08/11/96	16	127.2	1	218.0	12.4	1	14,869,000	1	314.0	0.395	1	105.1	1.00
002535	CSM002	08/11/96	17	133.6	1	219.3	12.4	1	14,846,000	1	329.2	0.398	1	104.9	1.00
002535	CSM002	08/11/96	18	135.4	1	218.2	12.4	1	14,807,000	1	332.8	0.396	1	104.7	1.00
002535	CSM002	08/11/96	19	154.4	1	221.8	12.5	1	15,327,000	1	392.8	0.399	1	109.2	1.00
002535	CSM002	08/11/96	20	196.1	1	225.7	12.7	1	16,626,000	1	541.2	0.399	1	120.4	1.00
002535	CSM002	08/11/96	21	168.2	1	219.7	12.6	1	15,894,000	1	443.8	0.392	1	114.2	1.00
002535	CSM002	08/11/96	22	114.7	1	203.4	11.7	1	13,147,000	1	250.3	0.391	1	87.7	1.00
002535	CSM002	08/11/96	23	117.6	1	201.3	11.5	1	13,295,000	1	259.5	0.394	1	87.1	1.00
002535	CSM002	08/12/96	0	122.3	1	204.7	11.6	1	13,107,000	1	266.1	0.397	1	86.7	1.00
002535	CSM002	08/12/96	1	115.7	1	206.6	11.8	1	12,964,000	1	249.0	0.394	1	87.2	1.00
002535	CSM002	08/12/96	2	109.9	1	203.2	11.7	1	12,996,000	1	237.1	0.390	1	86.7	1.00
002535	CSM002	08/12/96	3	101.4	1	203.0	11.7	1	12,990,000	1	218.7	0.390	1	86.6	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	08/12/96	4	111.4	1	205.4	11.6	1	12,999,000	1	240.4	0.398	1	85.9	1.00
002535	CSM002	08/12/96	5	111.1	1	205.5	11.9	1	13,239,000	1	244.2	0.388	1	89.8	1.00
002535	CSM002	08/12/96	6	191.1	1	0.0	13.7	1	18,682,000	1	592.6	0.394	11	145.9	1.00
002535	CSM002	08/12/96	7	144.5	6	0.0	13.9	6	23,075,000	1	553.5	0.379	11	182.8	1.00
002535	CSM002	08/12/96	8	97.9	1	241.4	14.0	1	23,300,000	1	378.7	0.388	1	185.9	1.00
002535	CSM002	08/12/96	9	92.6	1	235.4	14.0	1	23,395,000	1	359.6	0.378	1	186.7	1.00
002535	CSM002	08/12/96	10	92.1	1	233.3	14.0	1	23,092,000	1	353.0	0.375	1	184.3	1.00
002535	CSM002	08/12/96	11	93.8	1	228.7	13.9	1	23,552,000	1	366.7	0.370	1	186.6	1.00
002535	CSM002	08/12/96	12	91.8	1	232.2	14.0	1	23,684,000	1	360.9	0.373	1	189.0	1.00
002535	CSM002	08/12/96	13	94.5	1	232.2	13.9	1	23,707,000	1	371.9	0.376	1	187.8	1.00
002535	CSM002	08/12/96	14	93.5	1	224.5	13.7	1	23,672,000	1	367.4	0.368	1	184.9	1.00
002535	CSM002	08/12/96	15	89.2	1	226.9	13.7	1	23,656,000	1	350.3	0.372	1	184.7	1.00
002535	CSM002	08/12/96	16	89.0	1	227.6	13.8	1	23,525,000	1	347.6	0.371	1	185.0	1.00
002535	CSM002	08/12/96	17	83.7	1	229.6	13.9	1	23,416,000	1	325.3	0.371	1	185.5	1.00
002535	CSM002	08/12/96	18	76.9	1	232.5	13.7	1	23,783,000	1	303.6	0.382	1	185.7	1.00
002535	CSM002	08/12/96	19	62.1	1	224.3	13.6	1	22,690,000	1	233.9	0.371	1	175.9	1.00
002535	CSM002	08/12/96	20	42.8	1	210.0	13.2	1	20,155,000	1	143.2	0.358	1	151.6	1.00
002535	CSM002	08/12/96	21	35.1	1	212.6	13.1	1	18,767,000	1	109.3	0.365	1	140.1	1.00
002535	CSM002	08/12/96	22	34.5	1	214.9	13.2	1	19,038,000	1	109.0	0.366	1	143.2	1.00
002535	CSM002	08/12/96	23	25.6	1	214.1	12.9	1	18,534,000	1	78.8	0.373	1	136.3	1.00
002535	CSM002	08/13/96	0	7.7	1	218.1	12.3	1	15,961,000	1	20.4	0.399	1	111.9	1.00
002535	CSM002	08/13/96	1	10.0	1	199.8	12.0	1	15,352,000	1	25.5	0.373	1	105.0	1.00
002535	CSM002	08/13/96	2	22.0	1	199.1	12.0	1	14,994,000	1	54.8	0.373	1	102.6	1.00
002535	CSM002	08/13/96	3	23.7	1	203.7	12.0	1	15,407,000	1	60.6	0.382	1	105.4	1.00
002535	CSM002	08/13/96	4	37.7	1	203.0	12.2	1	16,271,000	1	101.8	0.374	1	113.1	1.00
002535	CSM002	08/13/96	5	118.6	1	219.7	13.5	1	21,270,000	1	418.8	0.366	1	163.7	1.00
002535	CSM002	08/13/96	6	106.8	1	216.2	13.3	1	19,735,000	1	349.9	0.365	1	149.6	1.00
002535	CSM002	08/13/96	7	102.7	1	220.7	13.9	1	23,326,000	1	397.7	0.357	1	184.8	1.00
002535	CSM002	08/13/96	8	76.2	1	229.6	14.1	1	23,377,000	1	295.7	0.366	1	187.9	1.00
002535	CSM002	08/13/96	9	81.9	1	236.5	14.1	1	23,633,000	1	321.3	0.377	1	189.9	1.00
002535	CSM002	08/13/96	10	70.8	1	246.1	14.4	1	23,029,000	1	270.7	0.384	1	189.0	1.00
002535	CSM002	08/13/96	11	57.7	1	251.1	14.5	1	22,955,000	1	219.9	0.389	1	189.7	1.00
002535	CSM002	08/13/96	12	67.2	1	253.3	14.4	1	23,225,000	1	259.1	0.396	1	190.6	1.00
002535	CSM002	08/13/96	13	71.0	1	248.3	14.4	1	23,175,000	1	273.1	0.388	1	190.2	1.00
002535	CSM002	08/13/96	14	69.3	1	233.1	14.2	1	23,903,000	1	275.0	0.369	1	193.5	1.00
002535	CSM002	08/13/96	15	68.3	1	233.2	14.1	1	23,570,000	1	267.2	0.372	1	189.4	1.00
002535	CSM002	08/13/96	16	62.6	1	233.1	14.2	1	23,467,000	1	243.9	0.369	1	189.9	1.00
002535	CSM002	08/13/96	17	64.6	1	238.4	14.1	1	23,504,000	1	252.0	0.380	1	188.9	1.00
002535	CSM002	08/13/96	18	66.7	1	245.2	13.9	1	23,025,000	1	254.9	0.397	1	182.4	1.00
002535	CSM002	08/13/96	19	65.1	1	245.0	13.8	1	22,919,000	1	247.7	0.396	1	181.6	1.00
002535	CSM002	08/13/96	20	58.5	1	241.8	13.8	1	22,566,000	1	219.1	0.394	1	177.5	1.00
002535	CSM002	08/13/96	21	47.3	1	236.1	13.6	1	21,745,000	1	170.7	0.390	1	168.6	1.00
002535	CSM002	08/13/96	22	48.3	1	234.4	13.6	1	21,835,000	1	175.1	0.387	1	169.3	1.00
002535	CSM002	08/13/96	23	30.1	1	230.8	12.8	1	19,974,000	1	99.8	0.405	1	145.7	1.00
002535	CSM002	08/14/96	0	12.2	1	217.5	12.2	1	17,059,000	1	34.5	0.401	1	118.6	1.00
002535	CSM002	08/14/96	1	5.4	1	213.8	12.0	1	16,168,000	1	14.5	0.400	1	110.6	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	08/14/96	2	4.7	1	221.7	11.9	1	16,146,000	1	12.6	0.419	1	109.5	1.00
002535	CSM002	08/14/96	3	0.4	1	220.6	12.0	1	15,695,000	1	1.0	0.403	1	107.4	1.00
002535	CSM002	08/14/96	4	2.8	1	216.4	12.0	1	15,729,000	1	7.3	0.405	1	107.6	1.00
002535	CSM002	08/14/96	5	4.1	1	213.7	12.0	1	15,592,000	1	10.6	0.400	1	106.6	1.00
002535	CSM002	08/14/96	6	5.2	1	237.2	11.9	1	15,488,000	1	13.4	0.448	1	105.1	1.00
002535	CSM002	08/14/96	7	3.8	1	221.3	12.1	1	15,955,000	1	10.1	0.411	1	110.0	1.00
002535	CSM002	08/14/96	8	11.1	1	197.3	12.4	1	17,310,000	1	31.9	0.358	1	122.3	1.00
002535	CSM002	08/14/96	9	27.5	1	194.6	13.0	1	19,842,000	1	90.6	0.337	1	147.0	1.00
002535	CSM002	08/14/96	10	51.3	1	233.4	13.4	1	21,626,000	1	184.2	0.392	1	165.2	1.00
002535	CSM002	08/14/96	11	63.6	1	231.1	13.7	1	22,373,000	1	236.2	0.379	1	174.7	1.00
002535	CSM002	08/14/96	12	73.6	1	231.8	13.8	1	24,055,000	1	294.0	0.378	1	189.3	1.00
002535	CSM002	08/14/96	13	75.7	1	223.6	13.9	1	23,994,000	1	301.5	0.362	1	190.1	1.00
002535	CSM002	08/14/96	14	79.9	1	222.3	13.9	1	23,984,000	1	318.1	0.359	1	190.0	1.00
002535	CSM002	08/14/96	15	83.2	1	223.6	13.8	1	24,288,000	1	335.4	0.364	1	191.0	1.00
002535	CSM002	08/14/96	16	84.7	1	224.4	13.8	1	24,402,000	1	343.1	0.366	1	191.9	1.00
002535	CSM002	08/14/96	17	83.7	1	224.2	13.8	1	24,444,000	1	339.6	0.365	1	192.3	1.00
002535	CSM002	08/14/96	18	64.0	1	214.5	13.8	1	22,662,000	1	240.8	0.349	1	178.3	1.00
002535	CSM002	08/14/96	19	62.5	1	219.6	13.9	1	23,391,000	1	242.7	0.355	1	185.3	1.00
002535	CSM002	08/14/96	20	53.6	1	223.7	13.8	1	23,772,000	1	211.5	0.364	1	187.0	1.00
002535	CSM002	08/14/96	21	48.8	1	209.9	13.3	1	21,157,000	1	171.4	0.355	1	160.4	1.00
002535	CSM002	08/14/96	22	44.0	1	217.8	13.1	1	20,316,000	1	148.4	0.374	1	151.7	1.00
002535	CSM002	08/14/96	23	21.9	1	204.0	12.2	1	17,700,000	1	64.3	0.376	1	123.1	1.00
002535	CSM002	08/15/96	0	20.1	1	205.4	12.3	1	17,414,000	1	58.1	0.375	1	122.1	1.00
002535	CSM002	08/15/96	1	51.0	1	202.9	12.3	1	17,691,000	1	149.8	0.371	1	124.0	1.00
002535	CSM002	08/15/96	2	39.6	1	198.0	11.9	1	16,269,000	1	106.9	0.374	1	110.4	1.00
002535	CSM002	08/15/96	3	38.2	1	201.9	11.8	1	16,033,000	1	101.7	0.385	1	107.8	1.00
002535	CSM002	08/15/96	4	41.5	1	202.6	11.9	1	16,359,000	1	112.7	0.383	1	111.0	1.00
002535	CSM002	08/15/96	5	127.0	1	205.7	12.5	1	18,572,000	1	391.5	0.370	1	132.3	1.00
002535	CSM002	08/15/96	6	250.3	1	249.4	13.7	1	22,968,000	1	954.3	0.409	1	179.4	1.00
002535	CSM002	08/15/96	7	259.1	1	224.8	13.5	1	24,389,000	1	1049.0	0.374	1	187.7	1.00
002535	CSM002	08/15/96	8	263.0	1	226.7	13.6	1	24,414,000	1	1065.9	0.375	1	189.3	1.00
002535	CSM002	08/15/96	9	179.3	6	0.0	13.7	6	24,369,000	1	725.3	0.363	11	190.3	1.00
002535	CSM002	08/15/96	10	95.6	1	222.0	13.7	1	24,416,000	1	387.5	0.364	1	190.7	1.00
002535	CSM002	08/15/96	11	5.4	1	212.0	13.6	1	24,255,000	1	21.7	0.351	1	188.0	1.00
002535	CSM002	08/15/96	12	2.5	1	193.4	13.5	1	24,398,000	1	10.1	0.322	1	187.7	1.00
002535	CSM002	08/15/96	13	8.5	1	194.3	13.4	1	24,511,000	1	34.6	0.326	1	187.2	1.00
002535	CSM002	08/15/96	14	130.2	1	195.2	13.3	1	24,538,000	1	530.3	0.330	1	186.0	1.00
002535	CSM002	08/15/96	15	119.8	1	183.0	13.2	1	24,377,000	1	484.8	0.312	1	183.4	1.00
002535	CSM002	08/15/96	16	128.8	1	184.1	13.3	1	24,283,000	1	519.2	0.311	1	184.1	1.00
002535	CSM002	08/15/96	17	139.0	1	184.2	13.3	1	24,193,000	1	558.2	0.311	1	183.4	1.00
002535	CSM002	08/15/96	18	135.7	1	185.5	13.2	1	24,037,000	1	541.5	0.316	1	180.9	1.00
002535	CSM002	08/15/96	19	126.9	1	183.1	13.2	1	24,132,000	1	508.4	0.312	1	181.6	1.00
002535	CSM002	08/15/96	20	80.1	1	172.6	12.8	1	21,537,000	1	286.4	0.303	1	157.1	1.00
002535	CSM002	08/15/96	21	28.3	1	166.4	11.8	1	18,069,000	1	84.9	0.317	1	121.5	1.00
002535	CSM002	08/15/96	22	24.8	1	162.9	11.8	1	18,537,000	1	76.3	0.310	1	124.7	1.00
002535	CSM002	08/15/96	23	49.7	1	194.1	12.5	1	20,803,000	1	171.6	0.349	1	148.2	1.00

Milliken DOE Data Reporting

ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	08/16/96	0	36.1	1	190.0	12.4	1	19,928,000	1	119.4	0.344	1	140.9	1.00
002535	CSM002	08/16/96	1	42.1	1	202.6	11.6	1	16,659,000	1	116.4	0.393	1	110.1	1.00
002535	CSM002	08/16/96	2	34.1	1	205.3	11.6	1	16,589,000	1	93.9	0.398	1	109.7	1.00
002535	CSM002	08/16/96	3	36.5	1	186.0	11.7	1	16,685,000	1	101.1	0.357	1	111.3	1.00
002535	CSM002	08/16/96	4	88.0	1	194.1	12.3	1	19,915,000	1	290.9	0.355	1	139.6	1.00
002535	CSM002	08/16/96	5	34.5	1	189.4	12.2	1	19,281,000	1	110.4	0.349	1	134.1	1.00
002535	CSM002	08/16/96	6	34.7	1	202.1	13.9	1	23,033,000	1	132.7	0.327	1	182.5	1.00
002535	CSM002	08/16/96	7	36.1	1	194.9	13.8	1	23,235,000	1	139.2	0.318	1	182.8	1.00
002535	CSM002	08/16/96	8	38.6	1	195.1	13.9	1	23,198,000	1	148.6	0.316	1	183.8	1.00
002535	CSM002	08/16/96	9	35.4	1	196.9	14.1	1	22,889,000	1	134.5	0.314	1	184.0	1.00
002535	CSM002	08/16/96	10	116.3	1	197.0	14.1	1	22,734,000	1	438.9	0.314	1	182.7	1.00
002535	CSM002	08/16/96	11	132.3	1	194.7	14.2	1	22,480,000	1	493.7	0.308	1	182.0	1.00
002535	CSM002	08/16/96	12	123.6	1	220.2	14.2	1	22,705,000	1	465.9	0.349	1	183.8	1.00
002535	CSM002	08/16/96	13	165.6	1	242.9	14.3	1	22,681,000	1	623.5	0.382	1	184.9	1.00
002535	CSM002	08/16/96	14	249.6	1	249.7	14.3	1	22,854,000	1	946.9	0.393	1	186.3	1.00
002535	CSM002	08/16/96	15	250.7	1	253.8	14.2	1	23,385,000	1	973.2	0.402	1	189.3	1.00
002535	CSM002	08/16/96	16	247.6	1	252.5	14.1	1	23,444,000	1	963.8	0.403	1	188.5	1.00
002535	CSM002	08/16/96	17	224.1	1	250.2	14.2	1	23,556,000	1	872.1	0.396	1	189.8	1.00
002535	CSM002	08/16/96	18	131.5	1	257.3	14.0	1	22,556,000	1	492.4	0.413	1	180.0	1.00
002535	CSM002	08/16/96	19	96.1	1	257.6	13.9	1	22,772,000	1	363.3	0.417	1	180.4	1.00
002535	CSM002	08/16/96	20	73.5	1	253.4	13.9	1	22,663,000	1	276.5	0.410	1	179.6	1.00
002535	CSM002	08/16/96	21	52.0	1	242.2	13.0	1	19,060,000	1	164.5	0.419	1	141.2	1.00
002535	CSM002	08/16/96	22	35.3	1	231.9	12.5	1	17,731,000	1	103.9	0.417	1	126.3	1.00
002535	CSM002	08/16/96	23	26.2	1	224.9	12.5	1	17,160,000	1	74.6	0.404	1	122.3	1.00
002535	CSM002	08/17/96	0	41.2	1	235.4	12.0	1	15,944,000	1	109.0	0.441	1	109.1	1.00
002535	CSM002	08/17/96	1	35.9	1	220.8	12.1	1	15,881,000	1	94.6	0.410	1	109.5	1.00
002535	CSM002	08/17/96	2	41.2	1	216.2	12.3	1	16,407,000	1	112.2	0.395	1	115.0	1.00
002535	CSM002	08/17/96	3	44.5	1	212.2	12.4	1	16,914,000	1	124.9	0.385	1	119.5	1.00
002535	CSM002	08/17/96	4	46.4	1	222.1	12.4	1	16,928,000	1	130.4	0.403	1	119.6	1.00
002535	CSM002	08/17/96	5	51.4	1	222.4	12.4	1	17,170,000	1	146.5	0.403	1	121.4	1.00
002535	CSM002	08/17/96	6	74.9	1	230.0	12.6	1	18,691,000	1	232.4	0.410	1	134.2	1.00
002535	CSM002	08/17/96	7	66.3	1	224.6	12.6	1	18,869,000	1	207.7	0.401	1	135.5	1.00
002535	CSM002	08/17/96	8	57.3	1	231.6	12.6	1	18,460,000	1	175.6	0.413	1	132.6	1.00
002535	CSM002	08/17/96	9	66.5	1	230.7	12.7	1	18,408,000	1	203.2	0.408	1	133.3	1.00
002535	CSM002	08/17/96	10	66.0	1	233.7	12.7	1	18,545,000	1	203.2	0.414	1	134.2	1.00
002535	CSM002	08/17/96	11	54.2	1	234.5	12.6	1	17,845,000	1	160.6	0.418	1	128.2	1.00
002535	CSM002	08/17/96	12	56.4	1	235.4	12.5	1	18,030,000	1	168.8	0.423	1	128.5	1.00
002535	CSM002	08/17/96	13	54.4	1	225.7	12.5	1	17,409,000	1	157.2	0.406	1	124.0	1.00
002535	CSM002	08/17/96	14	57.4	1	205.2	12.3	1	17,174,000	1	163.6	0.375	1	120.4	1.00
002535	CSM002	08/17/96	15	56.0	1	205.8	12.3	1	17,380,000	1	161.6	0.376	1	121.9	1.00
002535	CSM002	08/17/96	16	54.1	1	203.8	12.5	1	17,324,000	1	155.6	0.367	1	123.4	1.00
002535	CSM002	08/17/96	17	57.0	1	202.1	12.4	1	17,283,000	1	163.5	0.366	1	122.2	1.00
002535	CSM002	08/17/96	18	41.3	1	195.3	12.4	1	16,842,000	1	115.5	0.354	1	119.0	1.00
002535	CSM002	08/17/96	19	57.5	1	198.2	12.4	1	17,391,000	1	166.0	0.359	1	122.9	1.00
002535	CSM002	08/17/96	20	55.3	1	204.3	12.4	1	17,274,000	1	158.6	0.370	1	122.1	1.00
002535	CSM002	08/17/96	21	59.2	1	206.7	12.4	1	17,426,000	1	171.2	0.375	1	123.2	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	08/17/96	22	46.8	1	207.2	12.4	1	17,407,000	1	135.2	0.376	1	123.0	1.00
002535	CSM002	08/17/96	23	41.4	1	213.3	12.4	1	17,270,000	1	118.7	0.387	1	122.1	1.00
002535	CSM002	08/18/96	0	42.0	1	214.3	12.3	1	17,378,000	1	121.2	0.392	1	121.8	1.00
002535	CSM002	08/18/96	1	37.1	1	212.7	12.4	1	17,260,000	1	106.3	0.386	1	122.0	1.00
002535	CSM002	08/18/96	2	34.9	1	224.9	12.6	1	17,013,000	1	98.6	0.401	1	122.2	1.00
002535	CSM002	08/18/96	3	21.7	1	231.0	12.6	1	17,050,000	1	61.4	0.412	1	122.5	1.00
002535	CSM002	08/18/96	4	20.7	1	231.1	12.6	1	17,056,000	1	58.6	0.412	1	122.5	1.00
002535	CSM002	08/18/96	5	17.6	1	227.0	12.4	1	16,545,000	1	48.3	0.411	1	116.9	1.00
002535	CSM002	08/18/96	6	31.8	1	233.5	12.4	1	15,370,000	1	81.1	0.423	1	108.6	1.00
002535	CSM002	08/18/96	7	54.8	1	220.8	12.2	1	15,056,000	1	137.0	0.407	1	104.7	1.00
002535	CSM002	08/18/96	8	63.5	1	232.3	12.6	1	15,244,000	1	160.7	0.414	1	109.5	1.00
002535	CSM002	08/18/96	9	59.1	1	223.5	12.4	1	14,772,000	1	144.9	0.405	1	104.4	1.00
002535	CSM002	08/18/96	10	46.9	1	226.4	12.1	1	13,236,000	1	103.0	0.421	1	91.3	1.00
002535	CSM002	08/18/96	11	39.2	1	219.3	12.1	1	13,236,000	1	86.1	0.407	1	91.3	1.00
002535	CSM002	08/18/96	12	57.6	1	226.7	12.3	1	14,101,000	1	134.8	0.414	1	98.9	1.00
002535	CSM002	08/18/96	13	89.5	1	238.2	12.8	1	15,856,000	1	235.6	0.418	1	115.7	1.00
002535	CSM002	08/18/96	14	103.5	1	241.2	13.0	1	16,899,000	1	290.3	0.417	1	125.2	1.00
002535	CSM002	08/18/96	15	110.8	1	238.8	13.1	1	17,245,000	1	317.2	0.410	1	128.8	1.00
002535	CSM002	08/18/96	16	117.2	1	237.3	12.9	1	17,491,000	1	340.3	0.414	1	128.6	1.00
002535	CSM002	08/18/96	17	128.2	1	235.6	13.0	1	17,229,000	1	366.7	0.407	1	127.7	1.00
002535	CSM002	08/18/96	18	121.7	1	238.7	13.0	1	17,088,000	1	345.2	0.413	1	126.6	1.00
002535	CSM002	08/18/96	19	120.0	1	239.8	13.1	1	17,010,000	1	338.8	0.411	1	127.0	1.00
002535	CSM002	08/18/96	20	116.2	1	239.9	13.0	1	17,006,000	1	328.0	0.415	1	126.0	1.00
002535	CSM002	08/18/96	21	117.6	1	235.3	13.0	1	16,955,000	1	331.0	0.407	1	125.6	1.00
002535	CSM002	08/18/96	22	127.7	1	236.8	12.9	1	17,091,000	1	362.3	0.413	1	125.7	1.00
002535	CSM002	08/18/96	23	128.9	1	234.4	12.9	1	17,073,000	1	365.3	0.409	1	125.5	1.00
002535	CSM002	08/19/96	0	119.2	1	228.9	12.8	1	17,220,000	1	340.7	0.402	1	125.6	1.00
002535	CSM002	08/19/96	1	71.1	1	236.4	13.0	1	18,320,000	1	216.2	0.409	1	135.8	1.00
002535	CSM002	08/19/96	2	73.8	1	237.0	13.4	1	20,109,000	1	246.4	0.398	1	153.6	1.00
002535	CSM002	08/19/96	3	88.6	1	228.9	13.6	1	21,003,000	1	308.9	0.378	1	162.8	1.00
002535	CSM002	08/19/96	4	80.5	1	217.5	13.6	1	20,246,000	1	270.5	0.360	1	156.9	1.00
002535	CSM002	08/19/96	5	43.3	1	229.8	13.5	1	20,602,000	1	148.1	0.383	1	158.5	1.00
002535	CSM002	08/19/96	6	4.8	1	240.1	14.0	1	22,706,000	1	18.1	0.385	1	181.2	1.00
002535	CSM002	08/19/96	7	0.0	1	226.5	13.6	1	21,276,000	1	0.0	0.374	1	164.9	1.00
002535	CSM002	08/19/96	8	0.0	1	231.0	13.8	1	21,356,000	1	0.0	0.376	1	168.0	1.00
002535	CSM002	08/19/96	9	0.3	1	239.4	13.9	1	22,197,000	1	1.1	0.387	1	175.9	1.00
002535	CSM002	08/19/96	10	0.0	1	227.1	13.9	1	21,153,000	1	0.0	0.367	1	167.6	1.00
002535	CSM002	08/19/96	11	3.4	1	226.2	14.0	1	21,301,000	1	12.0	0.363	1	170.0	1.00
002535	CSM002	08/19/96	12	9.8	1	236.1	14.1	1	22,349,000	1	24.5	0.376	1	179.6	1.00
002535	CSM002	08/19/96	13	9.8	1	236.7	14.0	1	22,951,000	1	37.3	0.380	1	183.1	1.00
002535	CSM002	08/19/96	14	14.0	1	228.2	14.0	1	23,802,000	1	55.3	0.366	1	189.9	1.00
002535	CSM002	08/19/96	15	10.4	1	219.0	14.0	1	24,564,000	1	42.4	0.352	1	196.0	1.00
002535	CSM002	08/19/96	16	15.0	1	222.7	13.8	1	24,928,000	1	62.1	0.363	1	196.1	1.00
002535	CSM002	08/19/96	17	17.1	1	225.4	13.8	1	25,131,000	1	71.3	0.367	1	197.7	1.00
002535	CSM002	08/19/96	18	32.3	1	224.6	13.7	1	24,734,000	1	132.6	0.369	1	193.1	1.00
002535	CSM002	08/19/96	19	13.2	1	224.9	13.7	1	24,608,000	1	53.9	0.369	1	192.2	1.00

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002535	CSM002	08/19/96	20	11.2	1	223.2	13.7	1	24,729,000	1	46.0	0.366	1	193.1	1.00
002535	CSM002	08/19/96	21	8.9	1	220.6	13.6	1	24,740,000	1	36.6	0.365	1	191.8	1.00
002535	CSM002	08/19/96	22	3.8	1	211.9	13.4	1	22,977,000	1	14.5	0.356	1	175.5	1.00
002535	CSM002	08/19/96	23	3.3	1	204.3	13.4	1	22,276,000	1	12.2	0.343	1	170.1	1.00
002535	CSM002	08/20/96	0	1.7	1	191.1	13.4	1	22,219,000	1	6.3	0.321	1	169.7	1.00
002535	CSM002	08/20/96	1	0.7	1	194.7	13.3	1	22,475,000	1	2.6	0.329	1	170.4	1.00
002535	CSM002	08/20/96	2	1.0	1	190.6	13.4	1	22,345,000	1	3.7	0.320	1	170.7	1.00
002535	CSM002	08/20/96	3	1.2	1	193.3	13.5	1	22,056,000	1	4.4	0.322	1	169.7	1.00
002535	CSM002	08/20/96	4	0.9	1	191.9	13.5	1	22,128,000	1	3.3	0.320	1	170.3	1.00
002535	CSM002	08/20/96	5	2.9	1	193.3	13.6	1	21,966,000	1	10.6	0.320	1	170.3	1.00
002535	CSM002	08/20/96	6	10.8	6	0.0	13.7	6	23,873,000	1	42.8	0.364	11	186.4	1.00
002535	CSM002	08/20/96	7	10.8	6	0.0	13.7	6	23,892,000	1	42.8	0.364	11	186.6	1.00
002535	CSM002	08/20/96	8	10.8	6	0.0	13.7	6	23,893,000	1	42.8	0.364	11	186.5	1.00
002535	CSM002	08/20/96	9	18.7	1	0.0	13.7	1	23,893,000	1	74.2	0.364	11	186.6	1.00
002535	CSM002	08/20/96	10	14.3	6	0.0	13.8	6	23,522,000	1	55.8	0.364	11	185.0	1.00
002535	CSM002	08/20/96	11	9.9	1	195.4	13.8	1	23,367,000	1	38.4	0.318	1	183.8	1.00
002535	CSM002	08/20/96	12	8.4	1	192.0	13.8	1	23,412,000	1	32.6	0.313	1	184.2	1.00
002535	CSM002	08/20/96	13	9.3	1	195.7	13.6	1	23,620,000	1	36.5	0.323	1	183.1	1.00
002535	CSM002	08/20/96	14	11.1	1	195.0	13.6	1	23,697,000	1	43.7	0.327	1	183.7	1.00
002535	CSM002	08/20/96	15	13.1	1	196.4	13.5	1	23,844,000	1	51.9	0.327	1	183.5	1.00
002535	CSM002	08/20/96	16	17.3	1	197.2	13.5	1	23,858,000	1	68.5	0.328	1	183.6	1.00
002535	CSM002	08/20/96	17	16.5	1	195.3	13.5	1	23,867,000	1	65.4	0.325	1	183.7	1.00
002535	CSM002	08/20/96	18	17.7	1	199.3	13.7	1	23,712,000	1	69.7	0.327	1	185.2	1.00
002535	CSM002	08/20/96	19	17.5	1	199.6	13.7	1	23,763,000	1	69.0	0.328	1	185.6	1.00
002535	CSM002	08/20/96	20	21.3	1	198.3	13.6	1	23,792,000	1	84.1	0.328	1	184.4	1.00
002535	CSM002	08/20/96	21	23.8	1	200.4	13.6	1	23,890,000	1	94.4	0.331	1	185.2	1.00
002535	CSM002	08/20/96	22	21.0	1	201.6	13.7	1	23,875,000	1	83.2	0.331	1	186.4	1.00
002535	CSM002	08/20/96	23	19.8	1	200.2	13.7	1	23,918,000	1	78.6	0.328	1	186.7	1.00
002535	CSM002	08/21/96	0	20.3	1	198.8	13.7	1	23,902,000	1	80.5	0.326	1	186.7	1.00
002535	CSM002	08/21/96	1	12.0	1	192.3	13.6	1	23,089,000	1	46.0	0.318	1	179.0	1.00
002535	CSM002	08/21/96	2	6.7	1	187.4	13.5	1	22,190,000	1	24.7	0.312	1	170.8	1.00
002535	CSM002	08/21/96	3	6.0	1	186.7	13.5	1	22,063,000	1	22.0	0.311	1	169.8	1.00
002535	CSM002	08/21/96	4	5.7	1	184.6	13.5	1	21,968,000	1	20.8	0.307	1	169.0	1.00
002535	CSM002	08/21/96	5	6.0	1	187.0	13.6	1	22,126,000	1	22.0	0.309	1	171.5	1.00
002535	CSM002	08/21/96	6	11.0	1	184.2	13.7	1	22,145,000	1	40.4	0.302	1	172.9	1.00
002535	CSM002	08/21/96	7	12.5	1	189.7	13.6	1	23,698,000	1	49.2	0.314	1	183.7	1.00
002535	CSM002	08/21/96	8	13.7	1	191.1	13.7	1	24,587,000	1	55.9	0.314	1	192.0	1.00
002535	CSM002	08/21/96	9	15.2	1	192.4	13.8	1	24,429,000	1	61.6	0.314	1	192.2	1.00
002535	CSM002	08/21/96	10	15.3	1	195.7	13.9	1	24,289,000	1	61.7	0.317	1	192.4	1.00
002535	CSM002	08/21/96	11	14.1	1	196.0	14.0	1	24,171,000	1	56.6	0.315	1	192.9	1.00
002535	CSM002	08/21/96	12	14.4	1	197.8	14.1	1	24,124,000	1	57.7	0.315	1	193.9	1.00
002535	CSM002	08/21/96	13	19.1	1	195.9	13.9	1	24,213,000	1	76.8	0.317	1	191.8	1.00
002535	CSM002	08/21/96	14	19.0	1	192.5	13.8	1	24,253,000	1	76.5	0.314	1	190.8	1.00
002535	CSM002	08/21/96	15	22.0	1	192.7	13.8	1	24,193,000	1	88.4	0.314	1	190.3	1.00
002535	CSM002	08/21/96	16	21.1	1	190.6	13.8	1	24,043,000	1	84.2	0.310	1	189.1	1.00
002535	CSM002	08/21/96	17	19.3	1	190.6	13.8	1	24,362,000	1	78.1	0.311	1	191.6	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	08/21/96	18	18.9	1	192.1	13.8	1	24,385,000	1	76.5	0.313	1	191.8	1.00
002535	CSM002	08/21/96	19	18.0	1	195.1	13.8	1	24,400,000	1	72.9	0.318	1	191.9	1.00
002535	CSM002	08/21/96	20	17.2	1	192.7	13.7	1	24,083,000	1	68.8	0.316	1	188.1	1.00
002535	CSM002	08/21/96	21	12.5	1	184.6	13.6	1	22,888,000	1	47.5	0.305	1	177.4	1.00
002535	CSM002	08/21/96	22	13.9	1	191.8	13.7	1	23,770,000	1	54.8	0.315	1	185.6	1.00
002535	CSM002	08/21/96	23	12.0	1	181.5	13.6	1	24,226,000	1	48.3	0.317	1	187.8	1.00
002535	CSM002	08/22/96	0	12.7	1	191.5	13.6	1	24,190,000	1	51.0	0.317	1	187.5	1.00
002535	CSM002	08/22/96	1	9.5	1	185.3	13.5	1	22,834,000	1	36.0	0.309	1	175.7	1.00
002535	CSM002	08/22/96	2	7.5	1	184.1	13.4	1	21,918,000	1	27.3	0.309	1	167.4	1.00
002535	CSM002	08/22/96	3	7.1	1	185.5	13.5	1	22,014,000	1	25.9	0.309	1	169.4	1.00
002535	CSM002	08/22/96	4	7.5	1	184.6	13.5	1	22,114,000	1	27.5	0.307	1	170.2	1.00
002535	CSM002	08/22/96	5	6.4	1	183.7	13.5	1	22,025,000	1	23.4	0.306	1	169.5	1.00
002535	CSM002	08/22/96	6	13.1	1	190.7	13.8	1	22,442,000	1	48.8	0.311	1	176.5	1.00
002535	CSM002	08/22/96	7	8.5	1	192.7	13.5	1	22,556,000	1	31.8	0.321	1	173.6	1.00
002535	CSM002	08/22/96	8	8.0	1	201.9	13.8	1	22,448,000	1	29.8	0.329	1	176.6	1.00
002535	CSM002	08/22/96	9	11.9	1	214.6	14.0	1	23,865,000	1	47.1	0.345	1	190.4	1.00
002535	CSM002	08/22/96	10	12.4	1	201.6	14.0	1	23,928,000	1	49.3	0.324	1	190.9	1.00
002535	CSM002	08/22/96	11	14.1	1	202.3	14.1	1	23,638,000	1	55.3	0.321	1	190.0	1.00
002535	CSM002	08/22/96	12	17.1	1	202.8	14.1	1	23,887,000	1	67.8	0.323	1	192.0	1.00
002535	CSM002	08/22/96	13	19.0	1	201.4	14.0	1	23,625,000	1	74.5	0.323	1	188.5	1.00
002535	CSM002	08/22/96	14	20.8	1	180.3	13.9	1	23,662,000	1	81.7	0.292	1	187.5	1.00
002535	CSM002	08/22/96	15	24.8	1	197.1	13.8	1	23,796,000	1	98.0	0.321	1	187.2	1.00
002535	CSM002	08/22/96	16	30.6	1	194.1	13.8	1	24,547,000	1	124.7	0.316	1	193.1	1.00
002535	CSM002	08/22/96	17	25.1	1	200.0	13.6	1	24,220,000	1	100.9	0.331	1	187.8	1.00
002535	CSM002	08/22/96	18	16.5	1	199.4	13.8	1	23,222,000	1	63.6	0.325	1	182.7	1.00
002535	CSM002	08/22/96	19	17.8	1	221.1	13.8	1	22,864,000	1	67.6	0.360	1	179.8	1.00
002535	CSM002	08/22/96	20	14.8	1	216.9	13.6	1	22,198,000	1	54.5	0.359	1	172.1	1.00
002535	CSM002	08/22/96	21	9.4	1	215.2	13.6	1	22,348,000	1	34.9	0.356	1	173.2	1.00
002535	CSM002	08/22/96	22	13.7	1	209.1	13.4	1	23,533,000	1	53.5	0.351	1	179.7	1.00
002535	CSM002	08/22/96	23	15.6	1	209.1	13.3	1	23,692,000	1	61.4	0.353	1	179.6	1.00
002535	CSM002	08/23/96	0	18.6	1	212.3	13.4	1	23,429,000	1	72.3	0.356	1	179.0	1.00
002535	CSM002	08/23/96	1	13.4	1	209.6	13.3	1	22,872,000	1	50.9	0.354	1	173.4	1.00
002535	CSM002	08/23/96	2	32.8	1	213.6	13.4	1	23,069,000	1	125.6	0.358	1	176.2	1.00
002535	CSM002	08/23/96	3	34.1	1	218.5	13.4	1	24,211,000	1	137.0	0.367	1	184.9	1.00
002535	CSM002	08/23/96	4	25.2	1	216.2	13.5	1	24,147,000	1	101.0	0.360	1	185.8	1.00
002535	CSM002	08/23/96	5	20.8	1	214.2	13.4	1	22,705,000	1	78.4	0.359	1	173.4	1.00
002535	CSM002	08/23/96	6	26.9	1	219.9	13.6	1	23,051,000	1	102.9	0.363	1	178.7	1.00
002535	CSM002	08/23/96	7	22.5	1	214.0	13.4	1	23,160,000	1	86.5	0.359	1	176.9	1.00
002535	CSM002	08/23/96	8	23.4	1	216.2	13.6	1	23,296,000	1	90.5	0.357	1	180.6	1.00
002535	CSM002	08/23/96	9	30.0	1	224.2	13.7	1	24,663,000	1	122.8	0.368	1	192.6	1.00
002535	CSM002	08/23/96	10	29.9	1	223.2	13.5	1	24,636,000	1	122.3	0.372	1	189.6	1.00
002535	CSM002	08/23/96	11	30.4	1	220.9	13.5	1	24,797,000	1	125.1	0.368	1	190.8	1.00
002535	CSM002	08/23/96	12	29.5	1	219.5	13.5	1	24,676,000	1	120.8	0.366	1	189.9	1.00
002535	CSM002	08/23/96	13	28.4	1	219.1	13.5	1	24,734,000	1	116.6	0.365	1	190.3	1.00
002535	CSM002	08/23/96	14	25.0	1	215.8	13.5	1	24,446,000	1	101.5	0.359	1	188.1	1.00
002535	CSM002	08/23/96	15	186.7	1	212.5	13.4	1	22,089,000	1	684.6	0.356	1	168.7	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	08/23/96	16	353.0	1	211.8	13.3	1	22,557,000	1	1321.8	0.358	1	171.0	1.00
002535	CSM002	08/23/96	17	412.2	1	211.9	13.2	1	22,105,000	1	1512.5	0.361	1	166.3	1.00
002535	CSM002	08/23/96	18	240.2	1	207.1	13.2	1	22,451,000	1	895.2	0.353	1	168.9	1.00
002535	CSM002	08/23/96	19	25.0	1	208.2	13.3	1	23,110,000	1	95.9	0.352	1	175.2	1.00
002535	CSM002	08/23/96	20	27.3	1	217.3	13.2	1	22,349,000	1	101.3	0.370	1	168.2	1.00
002535	CSM002	08/23/96	21	63.2	1	217.5	12.5	1	19,292,000	1	202.4	0.391	1	137.5	1.00
002535	CSM002	08/23/96	22	95.8	1	215.7	13.1	1	22,744,000	1	361.7	0.370	1	169.8	1.00
002535	CSM002	08/23/96	23	61.8	1	220.0	12.0	1	18,775,000	1	192.6	0.412	1	128.4	1.00
002535	CSM002	08/24/96	0	68.2	1	208.5	11.9	1	18,673,000	1	211.4	0.394	1	126.7	1.00
002535	CSM002	08/24/96	1	104.6	1	210.5	11.9	1	18,670,000	1	324.2	0.398	1	126.6	1.00
002535	CSM002	08/24/96	2	144.2	1	210.2	12.6	1	20,571,000	1	492.4	0.375	1	147.7	1.00
002535	CSM002	08/24/96	3	162.1	1	211.1	12.9	1	21,269,000	1	572.3	0.368	1	156.4	1.00
002535	CSM002	08/24/96	4	128.5	1	230.9	12.2	1	18,769,000	1	400.4	0.425	1	130.5	1.00
002535	CSM002	08/24/96	5	117.6	1	224.5	12.1	1	18,807,000	1	367.1	0.417	1	129.7	1.00
002535	CSM002	08/24/96	6	116.5	1	220.4	12.3	1	17,964,000	1	347.4	0.403	1	125.9	1.00
002535	CSM002	08/24/96	7	100.1	1	200.3	12.1	1	18,110,000	1	300.9	0.372	1	124.9	1.00
002535	CSM002	08/24/96	8	95.3	1	195.7	12.1	1	18,076,000	1	286.0	0.364	1	124.7	1.00
002535	CSM002	08/24/96	9	93.1	1	199.5	12.3	1	17,888,000	1	276.5	0.365	1	125.4	1.00
002535	CSM002	08/24/96	10	117.2	1	196.5	12.6	1	19,073,000	1	371.1	0.351	1	137.0	1.00
002535	CSM002	08/24/96	11	128.2	1	197.8	12.7	1	19,343,000	1	411.6	0.350	1	140.0	1.00
002535	CSM002	08/24/96	12	171.1	1	205.3	12.6	1	19,102,000	1	542.5	0.366	1	137.2	1.00
002535	CSM002	08/24/96	13	170.2	1	221.2	12.8	1	19,246,000	1	543.8	0.389	1	140.4	1.00
002535	CSM002	08/24/96	14	137.0	1	226.3	12.4	1	18,084,000	1	411.3	0.410	1	127.8	1.00
002535	CSM002	08/24/96	15	175.2	1	216.6	12.9	1	20,908,000	1	608.1	0.377	1	153.7	1.00
002535	CSM002	08/24/96	16	115.6	1	224.4	13.3	1	20,760,000	1	398.4	0.379	1	157.4	1.00
002535	CSM002	08/24/96	17	89.2	1	227.0	12.4	1	17,951,000	1	265.8	0.411	1	126.9	1.00
002535	CSM002	08/24/96	18	92.5	1	224.9	12.5	1	18,479,000	1	283.7	0.404	1	131.7	1.00
002535	CSM002	08/24/96	19	128.1	1	215.7	13.6	1	23,091,000	1	491.0	0.357	1	179.0	1.00
002535	CSM002	08/24/96	20	82.3	1	212.5	12.4	1	17,851,000	1	243.9	0.385	1	126.2	1.00
002535	CSM002	08/24/96	21	36.9	1	196.2	11.5	1	13,638,000	1	83.5	0.383	1	89.4	1.00
002535	CSM002	08/24/96	22	34.2	1	207.4	11.5	1	14,314,000	1	81.3	0.406	1	93.8	1.00
002535	CSM002	08/24/96	23	29.8	1	200.7	11.3	1	14,253,000	1	70.5	0.399	1	91.8	1.00
002535	CSM002	08/25/96	0	45.4	1	208.4	11.6	1	15,510,000	1	116.9	0.404	1	102.6	1.00
002535	CSM002	08/25/96	1	39.4	1	206.7	11.8	1	15,590,000	1	102.0	0.394	1	104.9	1.00
002535	CSM002	08/25/96	2	29.2	1	203.7	11.5	1	14,974,000	1	72.6	0.398	1	98.2	1.00
002535	CSM002	08/25/96	3	64.6	1	192.0	11.3	1	13,718,000	1	147.1	0.382	1	88.4	1.00
002535	CSM002	08/25/96	4	74.0	1	188.1	11.4	1	13,675,000	1	168.0	0.371	1	88.9	1.00
002535	CSM002	08/25/96	5	63.4	1	192.3	11.4	1	13,931,000	1	146.6	0.379	1	90.5	1.00
002535	CSM002	08/25/96	6	72.7	1	200.8	11.5	1	13,987,000	1	168.8	0.393	1	91.7	1.00
002535	CSM002	08/25/96	7	80.0	1	203.5	11.5	1	14,359,000	1	190.7	0.398	1	94.1	1.00
002535	CSM002	08/25/96	8	75.6	1	201.1	11.4	1	14,039,000	1	176.2	0.397	1	91.2	1.00
002535	CSM002	08/25/96	9	76.9	1	209.1	11.4	1	13,964,000	1	178.3	0.412	1	90.7	1.00
002535	CSM002	08/25/96	10	87.6	1	210.1	11.4	1	13,997,000	1	203.5	0.414	1	91.0	1.00
002535	CSM002	08/25/96	11	60.6	1	212.2	11.5	1	13,924,000	1	140.1	0.415	1	91.3	1.00
002535	CSM002	08/25/96	12	105.2	1	213.5	11.6	1	13,609,000	1	237.7	0.414	1	90.0	1.00
002535	CSM002	08/25/96	13	111.5	1	211.1	11.6	1	13,559,000	1	251.0	0.409	1	89.7	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LBHR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	08/25/96	14	112.6	1	209.9	11.6	1	13,684,000	1	255.8	0.407	1	90.5	1.00
002535	CSM002	08/25/96	15	116.7	1	208.9	11.6	1	14,127,000	1	273.7	0.405	1	93.4	1.00
002535	CSM002	08/25/96	16	126.4	1	206.5	12.0	1	14,869,000	1	312.0	0.387	1	101.7	1.00
002535	CSM002	08/25/96	17	121.9	1	206.8	11.8	1	14,343,000	1	290.2	0.394	1	96.5	1.00
002535	CSM002	08/25/96	18	136.4	1	213.9	11.9	1	14,590,000	1	330.4	0.404	1	99.0	1.00
002535	CSM002	08/25/96	19	101.5	1	219.5	12.4	1	17,530,000	1	295.4	0.398	1	123.9	1.00
002535	CSM002	08/25/96	20	52.9	1	206.5	11.7	1	14,544,000	1	127.7	0.397	1	97.0	1.00
002535	CSM002	08/25/96	21	62.2	1	214.1	11.5	1	14,141,000	1	146.0	0.419	1	92.7	1.00
002535	CSM002	08/25/96	22	50.3	1	213.0	11.5	1	14,043,000	1	117.3	0.416	1	92.1	1.00
002535	CSM002	08/25/96	23	69.2	1	198.1	11.9	1	15,899,000	1	182.6	0.374	1	107.8	1.00
002535	CSM002	08/26/96	0	67.3	1	190.4	11.9	1	15,395,000	1	172.0	0.360	1	104.4	1.00
002535	CSM002	08/26/96	1	68.7	1	208.9	11.8	1	16,015,000	1	182.6	0.398	1	107.7	1.00
002535	CSM002	08/26/96	2	56.5	1	209.8	11.4	1	14,025,000	1	131.5	0.414	1	91.1	1.00
002535	CSM002	08/26/96	3	48.0	1	208.7	11.4	1	14,347,000	1	114.3	0.412	1	93.2	1.00
002535	CSM002	08/26/96	4	50.7	1	195.8	11.4	1	13,730,000	1	115.6	0.386	1	89.2	1.00
002535	CSM002	08/26/96	5	45.8	1	197.4	11.4	1	13,926,000	1	105.9	0.389	1	90.5	1.00
002535	CSM002	08/26/96	6	26.1	1	212.0	11.6	1	14,008,000	1	60.7	0.411	1	92.6	1.00
002535	CSM002	08/26/96	7	38.6	1	204.6	11.3	1	14,043,000	1	90.0	0.407	1	90.5	1.00
002535	CSM002	08/26/96	8	31.9	1	213.2	12.0	1	16,173,000	1	85.6	0.399	1	110.6	1.00
002535	CSM002	08/26/96	9	46.6	1	223.1	13.6	1	22,379,000	1	173.1	0.369	1	173.5	1.00
002535	CSM002	08/26/96	10	48.7	1	232.1	13.9	1	23,734,000	1	191.9	0.375	1	188.0	1.00
002535	CSM002	08/26/96	11	54.6	1	236.1	13.9	1	23,571,000	1	213.6	0.382	1	186.8	1.00
002535	CSM002	08/26/96	12	53.9	1	234.3	13.9	1	23,563,000	1	210.8	0.379	1	186.7	1.00
002535	CSM002	08/26/96	13	51.0	1	233.1	13.9	1	23,537,000	1	199.3	0.377	1	186.5	1.00
002535	CSM002	08/26/96	14	51.5	1	230.0	13.9	1	23,526,000	1	201.1	0.372	1	186.4	1.00
002535	CSM002	08/26/96	15	51.5	1	239.3	13.6	1	22,154,000	1	189.4	0.396	1	171.7	1.00
002535	CSM002	08/26/96	16	78.7	1	227.4	12.5	1	17,966,000	1	234.7	0.409	1	128.0	1.00
002535	CSM002	08/26/96	17	138.8	1	223.6	12.4	1	18,061,000	1	416.1	0.405	1	127.7	1.00
002535	CSM002	08/26/96	18	143.7	1	227.7	12.8	1	19,369,000	1	462.0	0.400	1	141.3	1.00
002535	CSM002	08/26/96	19	150.8	1	227.8	13.5	1	22,376,000	1	560.1	0.379	1	172.2	1.00
002535	CSM002	08/26/96	20	146.8	1	229.5	13.2	1	20,696,000	1	504.3	0.391	1	155.7	1.00
002535	CSM002	08/26/96	21	127.4	1	234.3	12.8	1	17,619,000	1	372.6	0.412	1	128.5	1.00
002535	CSM002	08/26/96	22	122.3	1	232.9	12.9	1	18,328,000	1	372.1	0.406	1	134.8	1.00
002535	CSM002	08/26/96	23	125.4	1	229.8	13.1	1	19,741,000	1	410.9	0.394	1	147.4	1.00
002535	CSM002	08/27/96	0	135.3	1	234.0	13.9	1	23,179,000	1	520.6	0.379	1	183.6	1.00
002535	CSM002	08/27/96	1	138.7	1	229.9	13.9	1	23,140,000	1	532.8	0.372	1	183.3	1.00
002535	CSM002	08/27/96	2	115.7	1	222.3	13.4	1	20,299,000	1	389.9	0.373	1	155.0	1.00
002535	CSM002	08/27/96	3	109.7	1	231.1	13.2	1	19,541,000	1	355.8	0.394	1	147.0	1.00
002535	CSM002	08/27/96	4	124.2	1	227.9	13.8	1	20,885,000	1	430.6	0.371	1	164.3	1.00
002535	CSM002	08/27/96	5	201.0	1	230.4	13.2	1	18,953,000	1	632.4	0.392	1	142.6	1.00
002535	CSM002	08/27/96	6	395.0	1	224.3	14.1	1	23,244,000	1	1524.1	0.358	1	186.8	1.00
002535	CSM002	08/27/96	7	404.7	1	257.0	13.8	1	23,048,000	1	1548.4	0.419	1	181.3	1.00
002535	CSM002	08/27/96	8	407.2	1	255.3	13.7	1	23,434,000	1	1572.4	0.419	1	183.0	1.00
002535	CSM002	08/27/96	9	410.7	1	246.6	13.7	1	24,018,000	1	1637.5	0.405	1	187.6	1.00
002535	CSM002	08/27/96	10	80.9	1	251.6	13.9	1	23,182,000	1	311.3	0.407	1	183.7	1.00
002535	CSM002	08/27/96	11	73.8	1	252.9	13.9	1	22,978,000	1	281.5	0.409	1	182.1	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	08/27/96	12	77.6	1	252.8	14.0	1	23,113,000	1	297.7	0.406	1	184.4	1.00
002535	CSM002	08/27/96	13	81.7	1	251.6	14.0	1	22,991,000	1	311.8	0.404	1	183.5	1.00
002535	CSM002	08/27/96	14	99.4	1	254.0	14.0	1	22,986,000	1	379.3	0.408	1	183.4	1.00
002535	CSM002	08/27/96	15	190.6	1	252.1	14.0	1	23,320,000	1	737.8	0.405	1	186.1	1.00
002535	CSM002	08/27/96	16	193.6	1	249.1	14.0	1	23,362,000	1	750.8	0.400	1	186.4	1.00
002535	CSM002	08/27/96	17	198.5	1	246.6	13.9	1	23,361,000	1	769.8	0.399	1	185.1	1.00
002535	CSM002	08/27/96	18	190.3	1	245.5	13.9	1	23,375,000	1	738.4	0.397	1	185.2	1.00
002535	CSM002	08/27/96	19	138.3	1	251.0	14.0	1	23,448,000	1	538.3	0.403	1	187.1	1.00
002535	CSM002	08/27/96	20	109.2	1	246.9	13.8	1	22,381,000	1	405.7	0.402	1	176.0	1.00
002535	CSM002	08/27/96	21	95.8	1	238.4	13.9	1	22,273,000	1	354.2	0.385	1	176.5	1.00
002535	CSM002	08/27/96	22	68.6	1	229.8	13.3	1	19,623,000	1	223.5	0.388	1	148.8	1.00
002535	CSM002	08/27/96	23	90.3	1	214.2	13.6	1	21,562,000	1	323.2	0.354	1	167.1	1.00
002535	CSM002	08/28/96	0	76.3	1	193.9	13.4	1	20,625,000	1	261.2	0.325	1	157.5	1.00
002535	CSM002	08/28/96	1	83.5	1	206.3	13.6	1	21,904,000	1	303.6	0.341	1	169.8	1.00
002535	CSM002	08/28/96	2	51.3	1	208.0	12.7	1	18,302,000	1	155.9	0.368	1	132.5	1.00
002535	CSM002	08/28/96	3	44.9	1	188.9	12.6	1	17,379,000	1	129.5	0.337	1	124.8	1.00
002535	CSM002	08/28/96	4	43.9	1	192.0	12.6	1	17,425,000	1	127.0	0.343	1	125.1	1.00
002535	CSM002	08/28/96	5	51.2	1	190.5	12.6	1	17,318,000	1	147.2	0.340	1	124.0	1.00
002535	CSM002	08/28/96	6	111.7	1	200.4	13.9	1	21,834,000	1	404.9	0.324	1	173.0	1.00
002535	CSM002	08/28/96	7	112.1	1	202.6	13.8	1	23,677,000	1	440.6	0.330	1	186.2	1.00
002535	CSM002	08/28/96	8	113.6	1	202.4	13.7	1	23,863,000	1	450.0	0.332	1	186.3	1.00
002535	CSM002	08/28/96	9	109.9	1	204.5	13.8	1	23,736,000	1	433.1	0.333	1	186.7	1.00
002535	CSM002	08/28/96	10	91.4	1	201.4	13.8	1	23,804,000	1	361.2	0.328	1	187.2	1.00
002535	CSM002	08/28/96	11	30.4	1	203.4	13.9	1	23,728,000	1	119.7	0.329	1	188.0	1.00
002535	CSM002	08/28/96	12	31.5	1	202.2	13.8	1	23,885,000	1	124.9	0.329	1	187.9	1.00
002535	CSM002	08/28/96	13	32.6	1	201.5	13.9	1	23,985,000	1	129.8	0.326	1	190.0	1.00
002535	CSM002	08/28/96	14	28.8	1	203.3	14.0	1	23,768,000	1	101.8	0.327	1	189.7	1.00
002535	CSM002	08/28/96	15	71.9	1	205.4	13.9	1	23,854,000	1	284.7	0.332	1	189.0	1.00
002535	CSM002	08/28/96	16	78.6	1	204.7	13.9	1	23,819,000	1	310.8	0.331	1	188.7	1.00
002535	CSM002	08/28/96	17	74.2	1	206.1	13.9	1	23,889,000	1	294.2	0.333	1	189.3	1.00
002535	CSM002	08/28/96	18	76.1	1	208.6	14.0	1	23,817,000	1	300.9	0.335	1	190.1	1.00
002535	CSM002	08/28/96	19	75.5	1	208.6	14.1	1	23,802,000	1	298.3	0.332	1	191.3	1.00
002535	CSM002	08/28/96	20	81.6	1	206.0	14.0	1	23,917,000	1	324.0	0.331	1	190.9	1.00
002535	CSM002	08/28/96	21	66.4	1	197.4	13.9	1	22,946,000	1	252.9	0.319	1	181.8	1.00
002535	CSM002	08/28/96	22	42.4	1	176.1	12.6	1	18,240,000	1	128.4	0.314	1	131.0	1.00
002535	CSM002	08/28/96	23	53.5	1	183.8	13.0	1	20,784,000	1	184.6	0.318	1	154.0	1.00
002535	CSM002	08/29/96	0	47.1	1	232.0	13.6	1	22,437,000	1	175.4	0.384	1	173.9	1.00
002535	CSM002	08/29/96	1	34.9	1	224.0	12.3	1	18,565,000	1	107.6	0.409	1	130.2	1.00
002535	CSM002	08/29/96	2	38.4	1	225.1	12.4	1	18,590,000	1	118.5	0.408	1	131.4	1.00
002535	CSM002	08/29/96	3	31.7	1	227.0	12.4	1	18,688,000	1	98.3	0.411	1	132.1	1.00
002535	CSM002	08/29/96	4	40.6	1	223.0	12.9	1	19,032,000	1	128.3	0.389	1	139.9	1.00
002535	CSM002	08/29/96	5	202.3	1	232.7	13.5	1	21,661,000	1	727.4	0.387	1	166.7	1.00
002535	CSM002	08/29/96	6	419.3	1	253.0	13.7	1	24,895,000	1	1732.8	0.415	1	194.4	1.00
002535	CSM002	08/29/96	7	402.1	1	240.5	13.6	1	24,480,000	1	1634.0	0.398	1	189.8	1.00
002535	CSM002	08/29/96	8	422.5	1	246.0	13.6	1	24,440,000	1	1714.1	0.407	1	189.5	1.00
002535	CSM002	08/29/96	9	415.3	1	254.0	13.8	1	24,264,000	1	1672.8	0.414	1	190.9	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	08/29/96	10	62.3	1	254.6	13.9	1	24,039,000	1	248.6	0.412	1	190.5	1.00
002535	CSM002	08/29/96	11	35.4	1	244.8	13.9	1	23,949,000	1	140.7	0.396	1	189.7	1.00
002535	CSM002	08/29/96	12	196.5	1	254.3	13.9	1	23,844,000	1	777.8	0.411	1	188.9	1.00
002535	CSM002	08/29/96	13	73.1	1	242.9	13.8	1	24,281,000	1	294.6	0.396	1	191.0	1.00
002535	CSM002	08/29/96	14	174.8	1	244.6	13.7	1	24,429,000	1	708.9	0.401	1	190.8	1.00
002535	CSM002	08/29/96	15	384.6	1	244.9	13.6	1	24,425,000	1	1559.4	0.405	1	189.3	1.00
002535	CSM002	08/29/96	16	538.3	1	226.5	13.5	1	23,428,000	1	2093.5	0.377	1	180.3	1.00
002535	CSM002	08/29/96	17	132.0	1	239.4	13.0	1	20,417,000	1	447.4	0.414	1	151.3	1.00
002535	CSM002	08/29/96	18	22.2	1	254.5	13.3	1	21,667,000	1	79.8	0.430	1	164.3	1.00
002535	CSM002	08/29/96	19	33.3	1	252.1	13.7	1	24,549,000	1	135.7	0.414	1	191.7	1.00
002535	CSM002	08/29/96	20	31.6	1	236.4	13.4	1	22,570,000	1	118.4	0.397	1	172.4	1.00
002535	CSM002	08/29/96	21	134.3	1	227.1	13.1	1	20,779,000	1	463.2	0.390	1	155.2	1.00
002535	CSM002	08/29/96	22	92.0	1	239.7	12.9	1	19,928,000	1	304.3	0.418	1	146.5	1.00
002535	CSM002	08/29/96	23	92.3	1	235.7	12.9	1	19,917,000	1	305.2	0.411	1	146.4	1.00
002535	CSM002	08/30/96	0	102.1	1	231.5	12.6	1	18,835,000	1	319.2	0.413	1	135.3	1.00
002535	CSM002	08/30/96	1	88.2	1	228.4	12.5	1	18,539,000	1	271.4	0.411	1	132.1	1.00
002535	CSM002	08/30/96	2	66.9	1	217.5	12.7	1	17,787,000	1	197.5	0.385	1	128.8	1.00
002535	CSM002	08/30/96	3	166.6	1	230.8	12.6	1	17,818,000	1	551.9	0.412	1	128.0	1.00
002535	CSM002	08/30/96	4	202.0	1	237.7	12.6	1	18,101,000	1	607.0	0.424	1	130.0	1.00
002535	CSM002	08/30/96	5	186.6	1	232.6	12.6	1	17,940,000	1	555.7	0.415	1	128.8	1.00
002535	CSM002	08/30/96	6	221.8	1	235.1	12.9	1	18,818,000	1	692.9	0.410	1	138.4	1.00
002535	CSM002	08/30/96	7	243.2	1	253.1	13.8	1	22,847,000	1	922.4	0.412	1	179.7	1.00
002535	CSM002	08/30/96	8	262.9	1	258.4	14.1	1	23,964,000	1	1045.8	0.412	1	192.6	1.00
002535	CSM002	08/30/96	9	300.3	1	261.8	14.1	1	24,110,000	1	1201.9	0.417	1	193.8	1.00
002535	CSM002	08/30/96	10	346.2	1	235.2	13.9	1	23,762,000	1	1365.6	0.381	1	188.3	1.00
002535	CSM002	08/30/96	11	332.8	1	237.8	13.8	1	24,565,000	1	1357.1	0.387	1	193.2	1.00
002535	CSM002	08/30/96	12	327.3	1	242.3	13.7	1	24,755,000	1	1345.0	0.398	1	193.3	1.00
002535	CSM002	08/30/96	13	351.6	1	243.6	13.6	1	24,757,000	1	1445.0	0.403	1	191.9	1.00
002535	CSM002	08/30/96	14	356.7	1	240.5	13.7	1	24,578,000	1	1455.3	0.395	1	191.9	1.00
002535	CSM002	08/30/96	15	125.7	1	241.8	13.8	1	24,244,000	1	505.9	0.394	1	190.7	1.00
002535	CSM002	08/30/96	16	81.0	1	241.5	13.9	1	24,302,000	1	326.8	0.391	1	192.5	1.00
002535	CSM002	08/30/96	17	98.5	1	241.1	13.9	1	24,151,000	1	394.9	0.390	1	191.3	1.00
002535	CSM002	08/30/96	18	122.3	1	240.6	13.8	1	24,259,000	1	492.5	0.392	1	190.8	1.00
002535	CSM002	08/30/96	19	137.0	1	236.5	13.9	1	24,408,000	1	555.1	0.383	1	193.4	1.00
002535	CSM002	08/30/96	20	64.6	1	237.5	13.2	1	21,355,000	1	229.0	0.404	1	160.7	1.00
002535	CSM002	08/30/96	21	18.2	1	214.9	12.4	1	19,491,000	1	58.9	0.389	1	137.8	1.00
002535	CSM002	08/30/96	22	25.0	1	216.5	12.9	1	20,338,000	1	84.4	0.377	1	149.5	1.00
002535	CSM002	08/30/96	23	27.6	1	215.8	12.9	1	20,579,000	1	94.3	0.376	1	151.3	1.00
002535	CSM002	08/31/96	0	21.8	1	230.9	12.3	1	19,566,000	1	70.8	0.422	1	137.2	1.00
002535	CSM002	08/31/96	1	26.8	1	231.9	12.3	1	19,935,000	1	88.7	0.424	1	139.8	1.00
002535	CSM002	08/31/96	2	29.0	1	227.9	12.3	1	20,173,000	1	97.1	0.417	1	141.4	1.00
002535	CSM002	08/31/96	3	21.4	1	231.6	12.1	1	19,082,000	1	67.8	0.430	1	131.6	1.00
002535	CSM002	08/31/96	4	20.9	1	232.6	12.1	1	18,991,000	1	65.9	0.432	1	131.0	1.00
002535	CSM002	08/31/96	5	20.9	1	233.0	12.1	1	19,109,000	1	66.3	0.433	1	131.8	1.00
002535	CSM002	08/31/96	6	37.0	1	228.8	12.5	1	19,608,000	1	120.4	0.411	1	139.7	1.00
002535	CSM002	08/31/96	7	75.1	1	213.5	13.0	1	21,203,000	1	264.3	0.369	1	157.1	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	08/31/96	8	57.0	1	213.0	12.4	1	19,054,000	1	180.3	0.386	1	134.7	1.00
002535	CSM002	08/31/96	9	97.2	1	225.2	12.3	1	18,426,000	1	297.3	0.411	1	129.2	1.00
002535	CSM002	08/31/96	10	63.9	1	225.8	12.6	1	18,174,000	1	192.8	0.403	1	130.5	1.00
002535	CSM002	08/31/96	11	68.1	1	231.9	12.6	1	18,314,000	1	207.0	0.414	1	131.5	1.00
002535	CSM002	08/31/96	12	87.9	1	229.2	12.6	1	18,219,000	1	265.8	0.409	1	130.8	1.00
002535	CSM002	08/31/96	13	92.1	1	228.6	12.8	1	18,110,000	1	276.9	0.401	1	132.1	1.00
002535	CSM002	08/31/96	14	76.2	1	226.2	12.6	1	18,146,000	1	229.5	0.404	1	130.3	1.00
002535	CSM002	08/31/96	15	70.5	1	222.9	12.5	1	18,376,000	1	215.1	0.401	1	130.9	1.00
002535	CSM002	08/31/96	16	68.5	1	224.0	12.5	1	18,429,000	1	209.6	0.403	1	131.3	1.00
002535	CSM002	08/31/96	17	75.2	1	226.2	12.5	1	18,834,000	1	235.1	0.407	1	134.2	1.00
002535	CSM002	08/31/96	18	77.6	1	227.2	12.5	1	18,270,000	1	235.3	0.409	1	130.2	1.00
002535	CSM002	08/31/96	19	83.1	1	228.9	12.4	1	18,248,000	1	251.7	0.415	1	129.0	1.00
002535	CSM002	08/31/96	20	42.1	1	217.0	11.9	1	15,526,000	1	108.5	0.410	1	105.3	1.00
002535	CSM002	08/31/96	21	95.9	1	196.1	10.4	1	28,443,000	1	452.8	0.424	1	168.6	1.00
002535	CSM002	08/31/96	22	101.8	1	193.5	10.8	1	34,556,000	1	584.0	0.403	1	212.7	1.00
002535	CSM002	08/31/96	23	62.1	1	192.2	10.7	1	35,521,000	1	366.2	0.404	1	216.6	1.00
002535	CSM002	09/01/96	0	59.6	1	192.5	10.6	1	35,731,000	1	353.5	0.408	1	215.9	1.00
002535	CSM002	09/01/96	1	70.4	1	190.8	10.7	1	35,620,000	1	416.3	0.401	1	217.2	1.00
002535	CSM002	09/01/96	2	135.3	1	192.5	10.6	1	36,085,000	1	810.5	0.408	1	218.0	1.00
002535	CSM002	09/01/96	3	153.0	1	192.6	10.7	1	35,632,000	1	905.0	0.405	1	217.3	1.00
002535	CSM002	09/01/96	4	112.6	1	193.1	10.4	1	33,791,000	1	631.6	0.412	1	200.3	1.00
002535	CSM002	09/01/96	5	56.7	1	190.6	10.4	1	32,548,000	1	306.3	0.412	1	192.9	1.00
002535	CSM002	09/01/96	6	95.8	1	193.7	11.0	1	34,810,000	1	553.6	0.396	1	218.3	1.00
002535	CSM002	09/01/96	7	107.4	1	192.2	10.7	1	35,609,000	1	634.9	0.404	1	217.2	1.00
002535	CSM002	09/01/96	8	73.1	1	192.2	10.6	1	34,078,000	1	413.5	0.408	1	205.9	1.00
002535	CSM002	09/01/96	9	31.1	1	191.3	10.4	1	32,219,000	1	166.3	0.414	1	191.0	1.00
002535	CSM002	09/01/96	10	39.9	1	192.8	10.5	1	32,044,000	1	212.2	0.413	1	191.8	1.00
002535	CSM002	09/01/96	11	36.6	1	191.1	10.5	1	31,897,000	1	193.8	0.409	1	190.9	1.00
002535	CSM002	09/01/96	12	31.4	1	184.2	10.5	1	31,741,000	1	165.4	0.394	1	190.0	1.00
002535	CSM002	09/01/96	13	32.0	1	185.1	10.5	1	31,665,000	1	168.2	0.396	1	189.5	1.00
002535	CSM002	09/01/96	14	55.3	1	185.6	10.7	1	32,395,000	1	297.4	0.390	1	197.6	1.00
002535	CSM002	09/01/96	15	129.5	1	189.6	10.8	1	36,180,000	1	777.8	0.395	1	222.7	1.00
002535	CSM002	09/01/96	16	61.0	1	183.9	10.6	1	32,635,000	1	330.5	0.390	1	197.2	1.00
002535	CSM002	09/01/96	17	61.6	1	186.8	10.6	1	34,141,000	1	349.1	0.396	1	206.3	1.00
002535	CSM002	09/01/96	18	42.4	1	187.0	10.8	1	33,041,000	1	232.6	0.389	1	203.4	1.00
002535	CSM002	09/01/96	19	51.4	1	185.9	10.6	1	33,908,000	1	289.3	0.394	1	204.9	1.00
002535	CSM002	09/01/96	20	55.0	1	185.9	10.9	1	34,786,000	1	317.6	0.383	1	216.1	1.00
002535	CSM002	09/01/96	21	82.0	1	185.4	10.8	1	35,245,000	1	479.8	0.386	1	217.0	1.00
002535	CSM002	09/01/96	22	85.5	1	185.3	10.9	1	35,407,000	1	502.5	0.382	1	220.0	1.00
002535	CSM002	09/01/96	23	64.9	1	182.7	10.3	1	33,507,000	1	361.0	0.399	1	196.7	1.00
002535	CSM002	09/02/96	0	33.1	1	180.5	10.5	1	33,136,000	1	182.1	0.386	1	198.3	1.00
002535	CSM002	09/02/96	1	64.9	1	181.1	10.8	1	35,264,000	1	379.9	0.377	1	217.1	1.00
002535	CSM002	09/02/96	2	95.7	1	183.4	10.6	1	35,567,000	1	565.0	0.389	1	214.9	1.00
002535	CSM002	09/02/96	3	48.1	1	185.1	10.3	1	32,266,000	1	257.6	0.404	1	189.4	1.00
002535	CSM002	09/02/96	4	28.8	1	186.2	10.4	1	32,061,000	1	153.3	0.402	1	190.1	1.00
002535	CSM002	09/02/96	5	74.0	1	187.0	10.7	1	34,022,000	1	417.9	0.393	1	207.5	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	09/02/96	6	107.5	1	183.0	10.9	1	33,873,000	1	604.5	0.377	1	210.5	1.00
002535	CSM002	09/02/96	7	89.9	1	181.0	10.4	1	33,460,000	1	499.3	0.391	1	198.4	1.00
002535	CSM002	09/02/96	8	44.7	1	182.9	10.4	1	31,895,000	1	236.7	0.395	1	189.1	1.00
002535	CSM002	09/02/96	9	31.6	1	184.1	10.4	1	31,819,000	1	166.9	0.398	1	188.6	1.00
002535	CSM002	09/02/96	10	34.0	1	185.8	10.6	1	31,674,000	1	178.8	0.394	1	191.4	1.00
002535	CSM002	09/02/96	11	30.1	1	185.6	10.5	1	31,719,000	1	158.5	0.397	1	189.8	1.00
002535	CSM002	09/02/96	12	27.9	1	186.7	10.6	1	31,778,000	1	147.2	0.396	1	192.0	1.00
002535	CSM002	09/02/96	13	44.9	1	185.5	10.8	1	33,198,000	1	247.4	0.386	1	204.4	1.00
002535	CSM002	09/02/96	14	64.6	1	190.7	11.0	1	34,548,000	1	370.5	0.390	1	216.6	1.00
002535	CSM002	09/02/96	15	101.2	1	190.1	11.0	1	35,631,000	1	598.6	0.388	1	223.4	1.00
002535	CSM002	09/02/96	16	71.9	1	189.1	10.7	1	33,545,000	1	400.4	0.397	1	204.6	1.00
002535	CSM002	09/02/96	17	72.3	1	189.8	11.0	1	34,199,000	1	410.4	0.388	1	214.4	1.00
002535	CSM002	09/02/96	18	97.1	1	192.4	10.9	1	34,585,000	1	557.5	0.397	1	214.9	1.00
002535	CSM002	09/02/96	19	123.0	1	190.0	10.9	1	35,442,000	1	723.7	0.392	1	220.2	1.00
002535	CSM002	09/02/96	20	114.1	1	188.2	10.8	1	34,732,000	1	657.8	0.392	1	213.8	1.00
002535	CSM002	09/02/96	21	128.4	1	188.7	10.9	1	35,540,000	1	757.5	0.389	1	220.8	1.00
002535	CSM002	09/02/96	22	161.2	1	189.7	10.9	1	36,199,000	1	968.7	0.391	1	224.9	1.00
002535	CSM002	09/02/96	23	184.5	1	188.9	10.9	1	36,395,000	1	1114.7	0.390	1	226.1	1.00
002535	CSM002	09/03/96	0	103.4	1	200.9	11.4	1	25,324,000	1	434.7	0.396	1	164.6	1.00
002535	CSM002	09/03/96	1	27.8	1	213.1	11.6	1	17,063,000	1	78.7	0.413	1	112.8	1.00
002535	CSM002	09/03/96	2	24.3	1	202.2	11.3	1	15,339,000	1	61.9	0.402	1	98.8	1.00
002535	CSM002	09/03/96	3	72.9	1	201.0	11.8	1	17,169,000	1	207.8	0.383	1	115.5	1.00
002535	CSM002	09/03/96	4	210.3	1	247.3	13.0	1	22,416,000	1	782.5	0.428	1	166.1	1.00
002535	CSM002	09/03/96	5	283.9	1	217.7	13.5	1	24,075,000	1	1134.6	0.362	1	185.3	1.00
002535	CSM002	09/03/96	6	312.5	1	230.4	13.5	1	24,819,000	1	1287.5	0.384	1	191.0	1.00
002535	CSM002	09/03/96	7	274.3	1	200.5	13.5	1	24,632,000	1	1121.6	0.334	1	189.5	1.00
002535	CSM002	09/03/96	8	244.2	1	218.5	13.5	1	24,941,000	1	1011.0	0.364	1	191.9	1.00
002535	CSM002	09/03/96	9	303.3	1	221.0	13.5	1	24,849,000	1	1251.1	0.368	1	191.2	1.00
002535	CSM002	09/03/96	10	268.2	1	217.5	13.6	1	24,650,000	1	1097.4	0.360	1	191.1	1.00
002535	CSM002	09/03/96	11	129.0	1	237.0	13.7	1	24,771,000	1	530.4	0.389	1	193.4	1.00
002535	CSM002	09/03/96	12	92.0	1	249.7	13.6	1	24,670,000	1	376.8	0.413	1	191.2	1.00
002535	CSM002	09/03/96	13	88.1	1	239.5	13.8	1	24,503,000	1	358.3	0.390	1	192.7	1.00
002535	CSM002	09/03/96	14	86.1	1	239.0	13.8	1	24,540,000	1	350.7	0.389	1	193.0	1.00
002535	CSM002	09/03/96	15	114.0	1	236.7	13.7	1	24,330,000	1	460.4	0.388	1	190.0	1.00
002535	CSM002	09/03/96	16	165.5	1	237.1	13.7	1	24,359,000	1	669.2	0.389	1	190.2	1.00
002535	CSM002	09/03/96	17	163.7	1	236.5	13.7	1	24,355,000	1	661.8	0.388	1	190.2	1.00
002535	CSM002	09/03/96	18	172.8	1	231.5	13.6	1	24,139,000	1	692.4	0.383	1	187.1	1.00
002535	CSM002	09/03/96	19	200.1	1	230.9	13.6	1	24,131,000	1	801.5	0.382	1	187.1	1.00
002535	CSM002	09/03/96	20	213.2	1	229.7	13.5	1	24,083,000	1	852.3	0.382	1	185.3	1.00
002535	CSM002	09/03/96	21	213.3	1	229.7	13.4	1	23,956,000	1	848.2	0.385	1	183.0	1.00
002535	CSM002	09/03/96	22	206.2	1	238.3	13.1	1	23,283,000	1	797.0	0.409	1	173.9	1.00
002535	CSM002	09/03/96	23	219.9	1	195.7	13.0	1	23,651,000	1	863.3	0.338	1	175.3	1.00
002535	CSM002	09/04/96	0	310.4	1	186.8	13.2	1	25,081,000	1	1292.3	0.318	1	188.7	1.00
002535	CSM002	09/04/96	1	347.5	1	186.4	13.1	1	25,176,000	1	1452.3	0.320	1	188.0	1.00
002535	CSM002	09/04/96	2	319.3	1	175.5	13.1	1	24,262,000	1	1266.0	0.301	1	181.2	1.00
002535	CSM002	09/04/96	3	154.2	1	168.4	12.7	1	20,876,000	1	534.4	0.298	1	151.1	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	09/04/96	4	207.4	1	182.1	13.2	1	22,925,000	1	789.3	0.310	1	172.5	1.00
002535	CSM002	09/04/96	5	149.1	1	173.2	12.8	1	21,496,000	1	532.0	0.304	1	156.8	1.00
002535	CSM002	09/04/96	6	105.9	1	198.9	13.5	1	22,851,000	1	401.7	0.331	1	175.8	1.00
002535	CSM002	09/04/96	7	103.6	1	197.3	13.3	1	25,038,000	1	430.6	0.334	1	189.8	1.00
002535	CSM002	09/04/96	8	98.3	1	192.8	13.3	1	25,236,000	1	411.8	0.326	1	191.3	1.00
002535	CSM002	09/04/96	9	90.1	1	192.5	13.4	1	25,111,000	1	375.6	0.323	1	191.8	1.00
002535	CSM002	09/04/96	10	96.2	1	196.5	13.5	1	25,214,000	1	402.6	0.327	1	194.0	1.00
002535	CSM002	09/04/96	11	549.5	1	197.4	13.4	1	25,415,000	1	2318.3	0.331	1	194.1	1.00
002535	CSM002	09/04/96	12	552.3	1	191.3	13.4	1	25,181,000	1	2308.6	0.321	1	192.3	1.00
002535	CSM002	09/04/96	13	555.9	1	187.8	13.5	1	25,055,000	1	2312.1	0.313	1	192.8	1.00
002535	CSM002	09/04/96	14	613.6	1	191.6	13.6	1	25,071,000	1	2553.7	0.317	1	194.4	1.00
002535	CSM002	09/04/96	15	222.7	1	195.3	13.8	1	24,684,000	1	912.5	0.318	1	194.2	1.00
002535	CSM002	09/04/96	16	218.0	1	195.1	13.8	1	24,891,000	1	900.8	0.318	1	195.8	1.00
002535	CSM002	09/04/96	17	171.6	1	196.4	13.7	1	24,957,000	1	710.9	0.322	1	194.9	1.00
002535	CSM002	09/04/96	18	180.0	1	197.9	13.7	1	24,758,000	1	739.8	0.325	1	193.3	1.00
002535	CSM002	09/04/96	19	175.7	1	197.1	13.7	1	24,778,000	1	722.7	0.323	1	193.5	1.00
002535	CSM002	09/04/96	20	175.0	1	194.0	13.6	1	24,745,000	1	718.8	0.321	1	191.8	1.00
002535	CSM002	09/04/96	21	188.0	1	188.8	13.5	1	24,392,000	1	680.2	0.314	1	187.7	1.00
002535	CSM002	09/04/96	22	168.1	1	193.2	13.5	1	24,725,000	1	772.0	0.322	1	190.3	1.00
002535	CSM002	09/04/96	23	185.4	1	189.2	13.4	1	24,895,000	1	766.2	0.317	1	190.1	1.00
002535	CSM002	09/05/96	0	114.1	1	175.1	13.0	1	22,199,000	1	420.5	0.303	1	164.5	1.00
002535	CSM002	09/05/96	1	132.1	1	172.0	13.2	1	21,605,000	1	473.8	0.293	1	162.6	1.00
002535	CSM002	09/05/96	2	193.4	1	179.5	13.6	1	22,775,000	1	731.2	0.297	1	176.6	1.00
002535	CSM002	09/05/96	3	173.7	1	186.4	13.6	1	22,698,000	1	654.5	0.308	1	176.0	1.00
002535	CSM002	09/05/96	4	189.2	1	190.4	13.7	1	23,572,000	1	740.3	0.312	1	184.1	1.00
002535	CSM002	09/05/96	5	218.1	1	196.4	13.8	1	24,061,000	1	871.1	0.320	1	189.3	1.00
002535	CSM002	09/05/96	6	227.2	1	198.7	13.6	1	24,070,000	1	907.8	0.328	1	186.6	1.00
002535	CSM002	09/05/96	7	217.9	1	190.5	13.2	1	24,693,000	1	893.2	0.324	1	185.8	1.00
002535	CSM002	09/05/96	8	174.2	1	154.9	13.1	1	23,593,000	1	682.2	0.266	1	176.2	1.00
002535	CSM002	09/05/96	9	157.0	1	167.2	13.1	1	25,055,000	1	653.0	0.287	1	187.1	1.00
002535	CSM002	09/05/96	10	179.7	1	168.7	13.0	1	24,700,000	1	736.8	0.292	1	183.0	1.00
002535	CSM002	09/05/96	11	215.0	1	176.5	13.3	1	25,479,000	1	909.3	0.298	1	193.2	1.00
002535	CSM002	09/05/96	12	219.0	1	182.6	13.6	1	24,844,000	1	903.2	0.302	1	192.6	1.00
002535	CSM002	09/05/96	13	186.6	1	184.0	13.6	1	25,115,000	1	778.0	0.304	1	194.7	1.00
002535	CSM002	09/05/96	14	183.8	1	178.0	13.5	1	25,741,000	1	785.4	0.296	1	198.1	1.00
002535	CSM002	09/05/96	15	186.0	1	186.2	13.5	1	25,482,000	1	786.8	0.310	1	196.1	1.00
002535	CSM002	09/05/96	16	184.6	1	195.4	13.4	1	25,770,000	1	789.7	0.328	1	196.8	1.00
002535	CSM002	09/05/96	17	205.5	1	194.6	13.3	1	25,833,000	1	881.2	0.329	1	195.8	1.00
002535	CSM002	09/05/96	18	217.6	1	193.1	13.4	1	25,505,000	1	921.3	0.324	1	194.8	1.00
002535	CSM002	09/05/96	19	226.9	1	186.1	13.3	1	25,462,000	1	959.0	0.315	1	193.0	1.00
002535	CSM002	09/05/96	20	227.7	1	184.1	13.3	1	25,389,000	1	959.7	0.311	1	192.5	1.00
002535	CSM002	09/05/96	21	221.2	1	183.1	13.3	1	25,157,000	1	923.7	0.309	1	190.7	1.00
002535	CSM002	09/05/96	22	225.7	1	178.2	13.1	1	24,606,000	1	921.9	0.306	1	183.7	1.00
002535	CSM002	09/05/96	23	190.7	1	158.1	12.6	1	21,786,000	1	689.7	0.282	1	156.5	1.00
002535	CSM002	09/06/96	0	259.3	1	178.0	12.8	1	22,849,000	1	983.5	0.313	1	166.7	1.00
002535	CSM002	09/06/96	1	296.6	1	189.3	13.2	1	25,427,000	1	1251.9	0.322	1	191.3	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	09/06/96	2	210.4	1	176.6	13.1	1	24,272,000	1	847.7	0.303	1	181.2	1.00
002535	CSM002	09/06/96	3	94.9	1	157.2	12.3	1	19,715,000	1	310.6	0.287	1	138.2	1.00
002535	CSM002	09/06/96	4	114.8	1	168.4	12.0	1	19,048,000	1	363.0	0.315	1	130.3	1.00
002535	CSM002	09/06/96	5	231.0	1	168.9	12.3	1	20,329,000	1	779.5	0.309	1	142.5	1.00
002535	CSM002	09/06/96	6	252.5	1	178.2	13.2	1	22,979,000	1	963.2	0.303	1	172.9	1.00
002535	CSM002	09/06/96	7	179.1	1	167.4	13.2	1	22,321,000	1	663.6	0.285	1	167.9	1.00
002535	CSM002	09/06/96	8	156.5	1	193.1	13.5	1	24,401,000	1	633.9	0.322	1	187.8	1.00
002535	CSM002	09/06/96	9	136.8	1	189.9	13.4	1	25,375,000	1	576.2	0.319	1	193.8	1.00
002535	CSM002	09/06/96	10	119.2	1	191.7	13.5	1	25,378,000	1	502.2	0.319	1	195.3	1.00
002535	CSM002	09/06/96	11	109.7	1	193.2	13.5	1	25,435,000	1	463.2	0.322	1	195.7	1.00
002535	CSM002	09/06/96	12	112.7	1	188.9	13.6	1	25,176,000	1	471.0	0.312	1	195.2	1.00
002535	CSM002	09/06/96	13	272.4	1	190.4	13.6	1	25,092,000	1	1134.6	0.315	1	194.5	1.00
002535	CSM002	09/06/96	14	280.6	1	190.3	13.5	1	25,205,000	1	1174.0	0.317	1	194.0	1.00
002535	CSM002	09/06/96	15	307.7	1	190.4	13.5	1	25,111,000	1	1282.6	0.316	1	193.2	1.00
002535	CSM002	09/06/96	16	315.3	1	190.4	13.5	1	25,178,000	1	1317.8	0.317	1	193.7	1.00
002535	CSM002	09/06/96	17	270.0	1	180.3	13.6	1	25,062,000	1	1123.3	0.298	1	194.3	1.00
002535	CSM002	09/06/96	18	295.3	1	191.4	13.4	1	25,169,000	1	1233.8	0.321	1	192.2	1.00
002535	CSM002	09/06/96	19	301.4	1	194.0	13.3	1	25,215,000	1	1261.6	0.328	1	191.2	1.00
002535	CSM002	09/06/96	20	292.3	1	192.2	13.3	1	25,353,000	1	1230.2	0.325	1	192.2	1.00
002535	CSM002	09/06/96	21	304.1	1	192.5	13.2	1	25,435,000	1	1284.0	0.328	1	191.4	1.00
002535	CSM002	09/06/96	22	313.1	1	192.4	13.1	1	25,496,000	1	1325.1	0.330	1	190.4	1.00
002535	CSM002	09/06/96	23	288.2	1	193.4	13.0	1	25,579,000	1	1223.7	0.334	1	189.5	1.00
002535	CSM002	09/07/96	0	268.4	1	191.1	13.0	1	25,441,000	1	1133.5	0.330	1	188.5	1.00
002535	CSM002	09/07/96	1	287.6	1	218.5	12.9	1	24,455,000	1	1167.5	0.381	1	179.8	1.00
002535	CSM002	09/07/96	2	253.9	1	181.5	12.6	1	22,287,000	1	939.3	0.324	1	160.1	1.00
002535	CSM002	09/07/96	3	193.9	1	164.3	11.8	1	19,566,000	1	629.8	0.313	1	131.6	1.00
002535	CSM002	09/07/96	4	292.3	1	176.3	11.7	1	19,521,000	1	947.2	0.339	1	130.2	1.00
002535	CSM002	09/07/96	5	249.1	1	170.3	11.7	1	19,522,000	1	807.2	0.327	1	130.2	1.00
002535	CSM002	09/07/96	6	133.9	1	224.4	11.7	1	16,290,000	1	362.1	0.431	1	108.6	1.00
002535	CSM002	09/07/96	7	368.5	1	199.1	11.3	1	14,239,000	1	871.0	0.396	1	100.1	1.00
002535	CSM002	09/07/96	8	325.0	1	191.6	11.9	1	14,757,000	1	796.1	0.362	1	103.8	1.00
002535	CSM002	09/07/96	9	159.0	1	196.0	12.1	1	15,052,000	1	397.3	0.364	1	107.4	1.00
002535	CSM002	09/07/96	10	182.5	1	205.2	12.4	1	15,199,000	1	460.5	0.372	1	106.9	1.00
002535	CSM002	09/07/96	11	196.4	1	212.6	12.1	1	15,500,000	1	503.2	0.367	1	113.1	1.00
002535	CSM002	09/07/96	12	186.4	1	199.3	12.2	1	16,263,000	1	503.2	0.367	1	113.1	1.00
002535	CSM002	09/07/96	13	269.2	1	222.2	12.9	1	22,795,000	1	1018.6	0.387	1	167.6	1.00
002535	CSM002	09/07/96	14	258.4	1	230.0	13.5	1	25,120,000	1	1077.5	0.383	1	193.3	1.00
002535	CSM002	09/07/96	15	186.3	1	245.9	13.4	1	25,405,000	1	785.7	0.413	1	194.0	1.00
002535	CSM002	09/07/96	16	159.3	1	246.5	13.4	1	25,395,000	1	671.5	0.413	1	194.0	1.00
002535	CSM002	09/07/96	17	144.4	1	181.0	13.4	1	25,154,000	1	603.0	0.304	1	192.1	1.00
002535	CSM002	09/07/96	18	144.6	1	183.5	13.3	1	25,068,000	1	601.7	0.310	1	190.0	1.00
002535	CSM002	09/07/96	19	141.6	1	180.4	13.3	1	25,000,000	1	587.6	0.305	1	189.5	1.00
002535	CSM002	09/07/96	20	141.8	1	172.4	13.4	1	24,703,000	1	581.5	0.289	1	188.7	1.00
002535	CSM002	09/07/96	21	110.8	1	159.2	13.0	1	22,704,000	1	417.6	0.275	1	168.2	1.00
002535	CSM002	09/07/96	22	112.9	1	163.9	12.7	1	21,814,000	1	408.8	0.290	1	157.9	1.00
002535	CSM002	09/07/96	23	123.8	1	183.8	12.6	1	21,755,000	1	447.1	0.328	1	156.2	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	09/08/96	0	107.4	1	217.3	12.7	1	21,584,000	1	384.8	0.385	1	156.2	1.00
002535	CSM002	09/08/96	1	109.1	1	224.4	12.8	1	21,585,000	1	390.9	0.394	1	157.5	1.00
002535	CSM002	09/08/96	2	99.5	1	229.2	12.5	1	20,766,000	1	343.0	0.412	1	148.0	1.00
002535	CSM002	09/08/96	3	99.1	1	233.2	12.0	1	18,606,000	1	306.1	0.437	1	127.3	1.00
002535	CSM002	09/08/96	4	99.2	1	223.2	11.9	1	17,536,000	1	288.8	0.422	1	118.9	1.00
002535	CSM002	09/08/96	5	114.6	1	213.2	12.2	1	18,883,000	1	359.2	0.393	1	131.3	1.00
002535	CSM002	09/08/96	6	103.0	1	224.7	12.9	1	20,586,000	1	352.0	0.392	1	151.4	1.00
002535	CSM002	09/08/96	7	110.3	1	229.9	12.9	1	21,674,000	1	396.8	0.401	1	159.4	1.00
002535	CSM002	09/08/96	8	106.5	1	221.7	12.6	1	20,429,000	1	361.2	0.396	1	146.7	1.00
002535	CSM002	09/08/96	9	76.5	1	231.9	12.9	1	21,593,000	1	274.2	0.404	1	158.8	1.00
002535	CSM002	09/08/96	10	53.1	1	232.0	12.6	1	20,028,000	1	176.5	0.414	1	143.8	1.00
002535	CSM002	09/08/96	11	77.5	1	205.9	13.0	1	22,218,000	1	285.8	0.356	1	164.6	1.00
002535	CSM002	09/08/96	12	91.7	1	219.4	13.5	1	23,621,000	1	359.6	0.365	1	181.8	1.00
002535	CSM002	09/08/96	13	116.7	1	241.1	13.4	1	24,656,000	1	477.6	0.405	1	188.3	1.00
002535	CSM002	09/08/96	14	133.7	1	244.4	13.5	1	25,338,000	1	562.4	0.407	1	195.0	1.00
002535	CSM002	09/08/96	15	121.9	1	248.4	13.6	1	25,177,000	1	509.5	0.411	1	195.2	1.00
002535	CSM002	09/08/96	16	142.7	1	249.8	13.5	1	25,229,000	1	597.6	0.416	1	194.1	1.00
002535	CSM002	09/08/96	17	135.8	1	255.0	13.6	1	25,290,000	1	570.1	0.421	1	196.0	1.00
002535	CSM002	09/08/96	18	117.9	1	254.8	13.6	1	25,237,000	1	493.9	0.421	1	195.6	1.00
002535	CSM002	09/08/96	19	106.8	1	256.7	13.6	1	25,288,000	1	448.3	0.424	1	196.0	1.00
002535	CSM002	09/08/96	20	149.0	1	255.5	13.6	1	25,381,000	1	627.8	0.422	1	196.8	1.00
002535	CSM002	09/08/96	21	103.6	1	233.1	13.4	1	23,322,000	1	401.1	0.391	1	178.1	1.00
002535	CSM002	09/08/96	22	127.7	1	227.2	13.6	1	24,032,000	1	509.4	0.376	1	186.3	1.00
002535	CSM002	09/08/96	23	121.7	1	195.7	13.4	1	23,965,000	1	484.1	0.328	1	183.0	1.00
002535	CSM002	09/09/96	0	138.7	1	189.2	13.4	1	24,585,000	1	566.0	0.317	1	187.8	1.00
002535	CSM002	09/09/96	1	151.1	1	187.2	13.3	1	24,333,000	1	610.3	0.316	1	184.5	1.00
002535	CSM002	09/09/96	2	133.3	1	178.2	13.0	1	22,195,000	1	491.1	0.308	1	164.5	1.00
002535	CSM002	09/09/96	3	56.5	1	174.7	12.3	1	19,085,000	1	179.0	0.319	1	133.8	1.00
002535	CSM002	09/09/96	4	36.1	1	173.8	12.1	1	18,552,000	1	111.2	0.323	1	128.0	1.00
002535	CSM002	09/09/96	5	41.8	1	177.6	12.3	1	19,373,000	1	134.4	0.325	1	135.8	1.00
002535	CSM002	09/09/96	6	106.3	1	158.4	13.3	1	22,552,000	1	397.9	0.268	1	171.0	1.00
002535	CSM002	09/09/96	7	117.6	1	199.5	13.5	1	22,987,000	1	448.7	0.332	1	176.9	1.00
002535	CSM002	09/09/96	8	241.8	1	258.0	13.6	1	24,287,000	1	974.9	0.426	1	188.3	1.00
002535	CSM002	09/09/96	9	319.4	1	217.1	13.5	1	24,729,000	1	1311.1	0.362	1	190.3	1.00
002535	CSM002	09/09/96	10	308.5	1	201.2	13.5	1	24,720,000	1	1265.9	0.335	1	190.2	1.00
002535	CSM002	09/09/96	11	320.1	1	205.0	13.6	1	24,847,000	1	1320.3	0.339	1	192.6	1.00
002535	CSM002	09/09/96	12	348.0	1	194.5	13.6	1	24,667,000	1	1425.0	0.321	1	191.2	1.00
002535	CSM002	09/09/96	13	154.6	1	194.8	13.6	1	24,585,000	1	630.9	0.322	1	190.6	1.00
002535	CSM002	09/09/96	14	112.4	1	196.2	13.5	1	24,944,000	1	465.4	0.327	1	191.9	1.00
002535	CSM002	09/09/96	15	104.4	1	196.5	13.6	1	24,956,000	1	432.5	0.325	1	193.5	1.00
002535	CSM002	09/09/96	16	116.5	1	194.6	13.5	1	25,271,000	1	488.7	0.324	1	194.5	1.00
002535	CSM002	09/09/96	17	135.2	1	192.2	13.5	1	25,033,000	1	561.8	0.320	1	192.6	1.00
002535	CSM002	09/09/96	18	147.9	1	193.6	13.5	1	24,953,000	1	612.6	0.322	1	192.0	1.00
002535	CSM002	09/09/96	19	150.0	1	193.2	13.4	1	25,117,000	1	625.4	0.324	1	191.8	1.00
002535	CSM002	09/09/96	20	135.2	1	190.9	13.4	1	25,040,000	1	562.0	0.320	1	191.3	1.00
002535	CSM002	09/09/96	21	107.0	1	183.6	13.4	1	24,956,000	1	443.3	0.308	1	190.6	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	09/09/96	22	97.5	1	185.4	13.4	1	24,451,000	1	395.7	0.311	1	186.8	1.00
002535	CSM002	09/09/96	23	97.2	1	182.5	13.2	1	24,547,000	1	396.1	0.311	1	184.7	1.00
002535	CSM002	09/10/96	0	39.2	1	155.1	12.6	1	20,744,000	1	135.0	0.277	1	149.0	1.00
002535	CSM002	09/10/96	1	74.8	1	167.6	12.6	1	20,479,000	1	254.3	0.299	1	147.1	1.00
002535	CSM002	09/10/96	2	90.3	1	165.5	12.4	1	20,030,000	1	300.2	0.300	1	141.6	1.00
002535	CSM002	09/10/96	3	90.1	1	177.5	12.7	1	20,842,000	1	311.7	0.314	1	150.9	1.00
002535	CSM002	09/10/96	4	163.9	1	187.2	13.3	1	23,019,000	1	626.3	0.316	1	174.5	1.00
002535	CSM002	09/10/96	5	298.3	1	194.7	13.4	1	24,276,000	1	1202.1	0.327	1	185.4	1.00
002535	CSM002	09/10/96	6	347.4	1	188.5	13.6	1	23,765,000	1	1370.5	0.311	1	184.2	1.00
002535	CSM002	09/10/96	7	259.0	1	185.6	13.7	1	24,142,000	1	1038.0	0.305	1	188.5	1.00
002535	CSM002	09/10/96	8	222.8	1	187.4	13.7	1	24,316,000	1	899.3	0.308	1	189.9	1.00
002535	CSM002	09/10/96	9	195.7	1	187.4	13.7	1	24,427,000	1	793.5	0.307	1	190.8	1.00
002535	CSM002	09/10/96	10	140.6	1	188.0	13.8	1	24,233,000	1	565.6	0.306	1	190.6	1.00
002535	CSM002	09/10/96	11	108.9	1	187.8	13.8	1	24,321,000	1	439.7	0.306	1	191.3	1.00
002535	CSM002	09/10/96	12	103.4	1	188.5	13.8	1	24,360,000	1	418.1	0.307	1	191.6	1.00
002535	CSM002	09/10/96	13	106.6	1	186.5	13.8	1	24,184,000	1	428.0	0.304	1	190.2	1.00
002535	CSM002	09/10/96	14	102.7	1	186.5	14.0	1	23,635,000	1	402.9	0.299	1	188.6	1.00
002535	CSM002	09/10/96	15	216.8	1	185.2	14.0	1	23,735,000	1	854.2	0.297	1	189.4	1.00
002535	CSM002	09/10/96	16	239.3	1	199.2	13.6	1	24,724,000	1	982.1	0.329	1	191.7	1.00
002535	CSM002	09/10/96	17	252.9	1	208.9	13.6	1	25,044,000	1	1051.4	0.345	1	194.1	1.00
002535	CSM002	09/10/96	18	261.3	1	199.7	13.6	1	24,982,000	1	1083.6	0.330	1	193.7	1.00
002535	CSM002	09/10/96	19	182.6	1	195.7	13.6	1	24,808,000	1	752.0	0.323	1	192.3	1.00
002535	CSM002	09/10/96	20	155.8	1	190.7	13.6	1	24,745,000	1	640.0	0.315	1	191.8	1.00
002535	CSM002	09/10/96	21	132.9	1	181.6	13.6	1	24,010,000	1	529.7	0.300	1	186.1	1.00
002535	CSM002	09/10/96	22	150.7	1	183.0	13.6	1	23,817,000	1	595.8	0.302	1	184.6	1.00
002535	CSM002	09/10/96	23	131.6	1	181.4	13.3	1	21,436,000	1	488.3	0.307	1	162.5	1.00
002535	CSM002	09/11/96	0	70.5	1	180.8	12.2	1	17,536,000	1	205.2	0.333	1	121.9	1.00
002535	CSM002	09/11/96	1	60.4	1	164.5	11.5	1	14,433,000	1	144.7	0.322	1	94.6	1.00
002535	CSM002	09/11/96	2	189.4	1	183.8	11.9	1	17,173,000	1	539.9	0.347	1	116.5	1.00
002535	CSM002	09/11/96	3	95.9	1	181.7	12.0	1	17,487,000	1	278.4	0.340	1	119.6	1.00
002535	CSM002	09/11/96	4	99.5	1	183.1	12.1	1	17,645,000	1	291.4	0.340	1	121.7	1.00
002535	CSM002	09/11/96	5	154.6	1	193.3	12.6	1	19,848,000	1	509.4	0.345	1	142.5	1.00
002535	CSM002	09/11/96	6	177.3	1	192.5	13.3	1	21,091,000	1	620.7	0.325	1	159.9	1.00
002535	CSM002	09/11/96	7	281.7	1	197.2	13.7	1	24,006,000	1	1122.6	0.324	1	187.5	1.00
002535	CSM002	09/11/96	8	305.1	1	200.0	13.8	1	24,687,000	1	1250.3	0.326	1	194.2	1.00
002535	CSM002	09/11/96	9	283.8	1	200.6	13.9	1	24,735,000	1	1165.3	0.324	1	196.0	1.00
002535	CSM002	09/11/96	10	300.6	1	202.4	14.1	1	24,540,000	1	1224.5	0.323	1	197.2	1.00
002535	CSM002	09/11/96	11	391.9	1	204.5	14.1	1	24,661,000	1	1604.3	0.326	1	198.2	1.00
002535	CSM002	09/11/96	12	417.6	1	202.0	14.1	1	24,572,000	1	1703.4	0.322	1	197.5	1.00
002535	CSM002	09/11/96	13	429.8	1	202.8	14.1	1	24,705,000	1	1762.6	0.323	1	198.6	1.00
002535	CSM002	09/11/96	14	464.6	1	197.4	14.1	1	24,713,000	1	1906.0	0.315	1	198.6	1.00
002535	CSM002	09/11/96	15	645.2	1	194.1	14.1	1	24,716,000	1	2647.2	0.309	1	198.6	1.00
002535	CSM002	09/11/96	16	630.1	1	188.1	14.1	1	24,714,000	1	2585.0	0.300	1	198.6	1.00
002535	CSM002	09/11/96	17	656.4	1	182.7	14.2	1	24,452,000	1	2664.3	0.289	1	197.9	1.00
002535	CSM002	09/11/96	18	656.1	1	182.3	14.0	1	24,413,000	1	2658.9	0.293	1	194.8	1.00
002535	CSM002	09/11/96	19	478.7	1	188.0	13.8	1	24,835,000	1	1973.5	0.306	1	195.4	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LBM/MTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	09/11/96	20	309.8	1	185.9	13.8	1	24,878,000	1	1279.4	0.303	1	195.7	1.00
002535	CSM002	09/11/96	21	194.0	1	186.9	13.4	1	23,297,000	1	750.3	0.314	1	177.9	1.00
002535	CSM002	09/11/96	22	70.9	1	181.1	12.6	1	19,803,000	1	233.1	0.323	1	142.2	1.00
002535	CSM002	09/11/96	23	40.5	1	153.3	11.9	1	17,740,000	1	119.3	0.290	1	120.3	1.00
002535	CSM002	09/12/96	0	112.6	1	167.2	11.8	1	17,577,000	1	328.5	0.318	1	118.2	1.00
002535	CSM002	09/12/96	1	94.3	1	208.5	11.7	1	17,805,000	1	278.7	0.401	1	118.7	1.00
002535	CSM002	09/12/96	2	19.4	1	208.6	11.6	1	17,011,000	1	54.8	0.404	1	112.5	1.00
002535	CSM002	09/12/96	3	17.0	1	205.6	11.1	1	15,986,000	1	45.1	0.416	1	101.1	1.00
002535	CSM002	09/12/96	4	43.1	1	196.0	11.9	1	18,958,000	1	135.6	0.370	1	128.6	1.00
002535	CSM002	09/12/96	5	59.7	1	167.2	12.6	1	21,359,000	1	211.7	0.298	1	153.4	1.00
002535	CSM002	09/12/96	6	99.7	1	190.3	13.5	1	22,599,000	1	374.0	0.317	1	173.9	1.00
002535	CSM002	09/12/96	7	141.7	1	193.6	13.6	1	24,235,000	1	570.1	0.320	1	187.9	1.00
002535	CSM002	09/12/96	8	152.1	1	195.8	13.7	1	24,585,000	1	620.7	0.321	1	192.0	1.00
002535	CSM002	09/12/96	9	165.8	1	196.2	13.8	1	24,613,000	1	677.4	0.320	1	193.6	1.00
002535	CSM002	09/12/96	10	196.4	1	196.2	14.0	1	24,489,000	1	798.4	0.315	1	195.4	1.00
002535	CSM002	09/12/96	11	228.3	1	195.6	13.9	1	24,645,000	1	934.0	0.316	1	195.3	1.00
002535	CSM002	09/12/96	12	224.2	1	195.2	13.8	1	24,593,000	1	915.3	0.318	1	193.4	1.00
002535	CSM002	09/12/96	13	225.9	1	193.4	13.8	1	24,586,000	1	922.0	0.315	1	193.4	1.00
002535	CSM002	09/12/96	14	255.6	1	196.0	13.8	1	24,458,000	1	1037.7	0.319	1	192.4	1.00
002535	CSM002	09/12/96	15	430.5	1	196.2	13.8	1	24,309,000	1	1737.2	0.320	1	191.2	1.00
002535	CSM002	09/12/96	16	379.3	1	196.7	13.8	1	24,588,000	1	1548.2	0.320	1	193.4	1.00
002535	CSM002	09/12/96	17	382.3	1	192.9	13.7	1	24,574,000	1	1559.5	0.316	1	191.9	1.00
002535	CSM002	09/12/96	18	362.7	1	191.6	13.7	1	24,435,000	1	1471.2	0.314	1	190.8	1.00
002535	CSM002	09/12/96	19	347.8	1	189.7	13.6	1	23,879,000	1	1378.6	0.314	1	185.1	1.00
002535	CSM002	09/12/96	20	297.3	1	192.2	13.6	1	23,961,000	1	1182.5	0.318	1	185.7	1.00
002535	CSM002	09/12/96	21	239.0	1	186.1	13.5	1	23,406,000	1	928.6	0.310	1	180.1	1.00
002535	CSM002	09/12/96	22	148.8	1	171.0	12.7	1	19,967,000	1	493.2	0.303	1	144.5	1.00
002535	CSM002	09/12/96	23	115.0	1	176.8	12.4	1	19,333,000	1	369.1	0.320	1	136.6	1.00
002535	CSM002	09/13/96	0	138.1	1	178.7	12.6	1	19,898,000	1	456.2	0.319	1	142.9	1.00
002535	CSM002	09/13/96	1	253.9	1	182.2	12.8	1	20,554,000	1	866.3	0.320	1	150.0	1.00
002535	CSM002	09/13/96	2	212.0	1	175.8	12.4	1	18,683,000	1	657.5	0.319	1	132.1	1.00
002535	CSM002	09/13/96	3	134.6	1	180.5	12.5	1	18,948,000	1	423.4	0.325	1	135.0	1.00
002535	CSM002	09/13/96	4	132.0	1	177.2	12.5	1	19,328,000	1	423.5	0.319	1	137.7	1.00
002535	CSM002	09/13/96	5	155.6	1	183.5	12.7	1	20,460,000	1	528.5	0.325	1	148.1	1.00
002535	CSM002	09/13/96	6	254.2	1	191.6	13.7	1	24,202,000	1	1021.3	0.314	1	189.0	1.00
002535	CSM002	09/13/96	7	259.9	1	190.6	13.4	1	24,551,000	1	1059.2	0.320	1	187.5	1.00
002535	CSM002	09/13/96	8	251.1	1	192.4	13.3	1	24,939,000	1	1039.5	0.325	1	189.1	1.00
002535	CSM002	09/13/96	9	263.3	1	194.8	13.4	1	25,073,000	1	1095.9	0.327	1	191.5	1.00
002535	CSM002	09/13/96	10	175.6	1	191.0	13.5	1	24,774,000	1	722.2	0.318	1	190.6	1.00
002535	CSM002	09/13/96	11	150.5	1	191.7	13.3	1	24,933,000	1	622.9	0.324	1	189.0	1.00
002535	CSM002	09/13/96	12	127.0	1	191.9	13.4	1	24,987,000	1	590.2	0.322	1	190.9	1.00
002535	CSM002	09/13/96	13	127.3	1	188.0	13.4	1	24,621,000	1	519.1	0.315	1	188.1	1.00
002535	CSM002	09/13/96	14	41.8	1	171.1	13.0	1	20,487,000	1	142.2	0.296	1	151.8	1.00
002535	CSM002	09/13/96	15	4.7	1	175.4	12.1	1	17,387,000	1	13.6	0.326	1	119.9	1.00
002535	CSM002	09/13/96	16	24.2	1	173.3	12.5	1	18,519,000	1	74.4	0.312	1	131.9	1.00
002535	CSM002	09/13/96	17	26.2	1	176.9	12.5	1	18,578,000	1	80.8	0.318	1	132.4	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	09/13/96	18	40.0	1	218.3	13.2	1	22,805,000	1	151.4	0.372	1	171.6	1.00
002535	CSM002	09/13/96	19	43.8	1	229.5	13.6	1	24,547,000	1	178.5	0.379	1	190.3	1.00
002535	CSM002	09/13/96	20	44.1	1	233.3	13.6	1	24,627,000	1	180.3	0.386	1	190.9	1.00
002535	CSM002	09/13/96	21	39.5	1	229.4	13.4	1	23,975,000	1	157.2	0.385	1	183.1	1.00
002535	CSM002	09/13/96	22	23.4	1	231.4	12.7	1	20,942,000	1	81.3	0.410	1	151.6	1.00
002535	CSM002	09/13/96	23	66.5	1	236.6	12.1	1	19,411,000	1	214.3	0.439	1	133.9	1.00
002535	CSM002	09/14/96	0	122.4	1	229.9	12.2	1	20,145,000	1	409.3	0.423	1	140.1	1.00
002535	CSM002	09/14/96	1	125.1	1	228.3	12.4	1	20,638,000	1	428.6	0.414	1	145.9	1.00
002535	CSM002	09/14/96	2	100.5	1	229.4	12.0	1	19,465,000	1	324.7	0.430	1	133.1	1.00
002535	CSM002	09/14/96	3	122.1	1	230.7	12.2	1	20,191,000	1	409.2	0.425	1	140.4	1.00
002535	CSM002	09/14/96	4	144.2	1	228.1	12.4	1	20,563,000	1	492.2	0.414	1	145.3	1.00
002535	CSM002	09/14/96	5	130.0	1	228.0	12.2	1	20,179,000	1	435.5	0.420	1	140.3	1.00
002535	CSM002	09/14/96	6	111.2	1	221.5	12.3	1	19,394,000	1	358.0	0.405	1	136.0	1.00
002535	CSM002	09/14/96	7	111.1	1	189.9	12.5	1	19,075,000	1	351.8	0.342	1	135.9	1.00
002535	CSM002	09/14/96	8	116.0	1	187.5	13.0	1	20,329,000	1	391.5	0.324	1	150.6	1.00
002535	CSM002	09/14/96	9	71.0	1	194.8	12.8	1	18,553,000	1	218.7	0.342	1	135.4	1.00
002535	CSM002	09/14/96	10	82.0	1	195.9	12.8	1	18,551,000	1	252.5	0.344	1	135.3	1.00
002535	CSM002	09/14/96	11	77.4	1	186.9	12.7	1	18,534,000	1	238.1	0.331	1	134.2	1.00
002535	CSM002	09/14/96	12	82.6	1	191.2	12.7	1	17,976,000	1	246.5	0.338	1	130.1	1.00
002535	CSM002	09/14/96	13	118.6	1	211.8	11.9	1	16,716,000	1	329.1	0.400	1	113.4	1.00
002535	CSM002	09/14/96	14	125.8	1	218.9	11.9	1	16,739,000	1	349.6	0.413	1	113.5	1.00
002535	CSM002	09/14/96	15	94.8	1	214.1	11.4	1	15,358,000	1	241.7	0.422	1	99.8	1.00
002535	CSM002	09/14/96	16	40.3	1	192.6	10.8	1	7,986,000	1	53.4	0.401	1	49.2	0.50
002535	CSM002	09/16/96	3	0.0	1	33.1	1.7	1	1,301,000	1	0.0	0.437	1	1.3	0.25
002535	CSM002	09/16/96	4	177.2	1	229.7	12.2	1	14,531,000	1	427.4	0.423	1	101.0	1.00
002535	CSM002	09/16/96	5	192.6	1	223.4	12.2	1	14,768,000	1	472.2	0.412	1	102.7	1.00
002535	CSM002	09/16/96	6	208.7	1	236.8	13.6	1	17,817,000	1	617.3	0.391	1	138.1	1.00
002535	CSM002	09/16/96	7	225.6	1	244.5	13.6	1	19,313,000	1	723.3	0.404	1	149.7	1.00
002535	CSM002	09/16/96	8	229.8	1	258.8	14.4	1	21,571,000	1	822.9	0.404	1	177.1	1.00
002535	CSM002	09/16/96	9	164.5	1	255.6	13.9	1	19,854,000	1	542.2	0.413	1	157.3	1.00
002535	CSM002	09/16/96	10	158.4	1	253.4	13.7	1	19,076,000	1	501.6	0.416	1	149.0	1.00
002535	CSM002	09/16/96	11	167.7	1	254.9	13.8	1	19,535,000	1	543.8	0.415	1	153.7	1.00
002535	CSM002	09/16/96	12	252.5	1	277.1	14.7	1	23,504,000	1	985.2	0.424	1	196.9	1.00
002535	CSM002	09/16/96	13	181.6	1	264.8	14.4	1	24,010,000	1	723.8	0.413	1	197.1	1.00
002535	CSM002	09/16/96	14	197.2	1	263.7	14.4	1	24,214,000	1	792.7	0.412	1	198.7	1.00
002535	CSM002	09/16/96	15	198.8	1	266.9	14.3	1	24,756,000	1	817.0	0.420	1	201.8	1.00
002535	CSM002	09/16/96	16	194.6	1	258.2	14.2	1	24,807,000	1	801.4	0.409	1	200.8	1.00
002535	CSM002	09/16/96	17	206.9	1	255.0	14.1	1	24,658,000	1	846.9	0.407	1	198.2	1.00
002535	CSM002	09/16/96	18	207.6	1	259.8	14.2	1	24,679,000	1	850.5	0.411	1	199.8	1.00
002535	CSM002	09/16/96	19	185.0	1	246.1	14.2	1	24,104,000	1	740.2	0.390	1	195.1	1.00
002535	CSM002	09/16/96	20	191.3	1	254.8	14.1	1	24,120,000	1	765.9	0.406	1	193.9	1.00
002535	CSM002	09/16/96	21	135.8	1	239.5	13.9	1	21,893,000	1	493.5	0.387	1	173.5	1.00
002535	CSM002	09/16/96	22	59.8	1	255.8	13.2	1	19,239,000	1	191.0	0.436	1	144.8	1.00
002535	CSM002	09/16/96	23	135.3	1	265.6	13.6	1	22,113,000	1	496.7	0.439	1	171.4	1.00
002535	CSM002	09/17/96	0	163.3	1	263.2	13.8	1	23,684,000	1	642.0	0.429	1	186.3	1.00
002535	CSM002	09/17/96	1	82.0	1	231.0	13.1	1	19,965,000	1	271.8	0.396	1	149.1	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	09/17/96	2	65.0	1	234.4	12.8	1	18,724,000	1	202.0	0.412	1	136.6	1.00
002535	CSM002	09/17/96	3	88.5	1	245.3	12.9	1	19,477,000	1	286.1	0.428	1	143.2	1.00
002535	CSM002	09/17/96	4	144.8	1	249.7	13.4	1	21,808,000	1	524.2	0.419	1	166.6	1.00
002535	CSM002	09/17/96	5	223.5	1	255.5	13.9	1	23,700,000	1	879.3	0.403	1	187.8	1.00
002535	CSM002	09/17/96	6	241.0	1	266.5	14.8	1	23,175,000	1	927.1	0.405	1	195.5	1.00
002535	CSM002	09/17/96	7	254.9	1	265.9	14.7	1	23,667,000	1	1001.4	0.407	1	198.3	1.00
002535	CSM002	09/17/96	8	251.0	1	270.9	14.7	1	24,035,000	1	1001.4	0.414	1	201.4	1.00
002535	CSM002	09/17/96	9	258.8	1	274.6	14.7	1	24,408,000	1	1048.6	0.420	1	204.5	1.00
002535	CSM002	09/17/96	10	268.1	1	275.8	14.6	1	24,653,000	1	1097.2	0.425	1	205.2	1.00
002535	CSM002	09/17/96	11	284.4	1	273.8	14.7	1	24,320,000	1	1148.2	0.419	1	203.8	1.00
002535	CSM002	09/17/96	12	268.5	1	261.0	14.6	1	23,121,000	1	1030.5	0.402	1	192.4	1.00
002535	CSM002	09/17/96	13	248.2	1	265.4	14.6	1	22,743,000	1	937.0	0.409	1	189.3	1.00
002535	CSM002	09/17/96	14	288.2	1	280.4	14.7	1	24,544,000	1	1174.2	0.429	1	205.7	1.00
002535	CSM002	09/17/96	15	315.3	1	278.3	14.6	1	24,512,000	1	1283.0	0.429	1	204.0	1.00
002535	CSM002	09/17/96	16	322.8	1	267.7	14.5	1	25,204,000	1	1350.6	0.407	1	208.3	1.00
002535	CSM002	09/17/96	17	319.3	1	260.3	14.3	1	25,229,000	1	1337.2	0.409	1	205.6	1.00
002535	CSM002	09/17/96	18	309.0	1	260.3	14.5	1	25,187,000	1	1291.9	0.404	1	208.2	1.00
002535	CSM002	09/17/96	19	271.2	1	252.5	14.4	1	24,344,000	1	1095.9	0.394	1	199.8	1.00
002535	CSM002	09/17/96	20	246.5	1	248.5	14.4	1	24,570,000	1	1005.4	0.388	1	201.7	1.00
002535	CSM002	09/17/96	21	222.2	1	254.3	14.5	1	24,734,000	1	912.3	0.394	1	204.4	1.00
002535	CSM002	09/17/96	22	212.8	1	259.5	14.4	1	24,593,000	1	868.7	0.405	1	201.9	1.00
002535	CSM002	09/17/96	23	100.8	1	245.9	13.8	1	20,260,000	1	339.0	0.401	1	159.4	1.00
002535	CSM002	09/18/96	0	31.0	1	243.3	13.4	1	18,913,000	1	97.3	0.408	1	144.5	1.00
002535	CSM002	09/18/96	1	74.3	1	241.5	13.3	1	18,924,000	1	233.4	0.408	1	143.5	1.00
002535	CSM002	09/18/96	2	115.5	1	242.6	13.4	1	18,748,000	1	359.5	0.407	1	143.2	1.00
002535	CSM002	09/18/96	3	74.6	1	246.0	13.4	1	18,838,000	1	233.3	0.413	1	143.9	1.00
002535	CSM002	09/18/96	4	76.3	1	246.2	13.4	1	18,983,000	1	240.4	0.413	1	145.0	1.00
002535	CSM002	09/18/96	5	115.4	1	255.0	14.0	1	21,107,000	1	404.3	0.409	1	168.4	1.00
002535	CSM002	09/18/96	6	67.6	1	256.5	13.5	6	19,342,000	1	217.0	0.391	11	148.8	1.00
002535	CSM002	09/18/96	7	122.7	1	268.7	13.5	6	21,702,000	1	442.0	0.368	11	167.0	1.00
002535	CSM002	09/18/96	8	90.2	1	252.6	13.0	1	21,168,000	1	317.0	0.437	1	156.9	1.00
002535	CSM002	09/18/96	9	154.8	6	0.0	13.2	6	22,653,000	1	582.1	0.369	11	170.4	1.00
002535	CSM002	09/18/96	10	154.8	6	0.0	13.2	6	24,547,000	1	630.8	0.360	11	184.7	1.00
002535	CSM002	09/18/96	11	219.3	1	247.6	13.4	1	24,511,000	1	892.3	0.415	1	187.2	1.00
002535	CSM002	09/18/96	12	203.0	1	236.7	13.4	1	23,720,000	1	799.3	0.397	1	181.2	1.00
002535	CSM002	09/18/96	13	189.6	1	234.2	13.1	1	23,715,000	1	742.5	0.402	1	177.1	1.00
002535	CSM002	09/18/96	14	189.7	1	237.8	13.2	1	24,127,000	1	759.8	0.405	1	181.5	1.00
002535	CSM002	09/18/96	15	189.4	1	230.2	13.0	1	23,214,000	1	729.9	0.398	1	172.0	1.00
002535	CSM002	09/18/96	16	164.2	1	231.4	12.8	1	23,129,000	1	630.4	0.406	1	168.7	1.00
002535	CSM002	09/18/96	17	193.2	1	234.6	13.2	1	24,088,000	1	772.5	0.400	1	181.2	1.00
002535	CSM002	09/18/96	18	182.8	1	236.5	13.3	1	24,187,000	1	733.9	0.400	1	183.4	1.00
002535	CSM002	09/18/96	19	171.7	1	240.7	13.3	1	24,272,000	1	691.8	0.407	1	184.0	1.00
002535	CSM002	09/18/96	20	147.8	1	239.3	13.2	1	23,393,000	1	573.9	0.408	1	176.0	1.00
002535	CSM002	09/18/96	21	124.9	1	234.6	13.3	1	23,088,000	1	478.7	0.396	1	175.0	1.00
002535	CSM002	09/18/96	22	70.0	1	235.1	12.5	1	19,857,000	1	230.7	0.423	1	141.5	1.00
002535	CSM002	09/18/96	23	97.8	1	207.1	11.2	1	16,142,000	1	262.1	0.416	1	103.1	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	09/19/96	0	131.0	1	199.0	11.2	1	16,196,000	1	352.2	0.399	1	103.4	1.00
002535	CSM002	09/19/96	1	105.8	1	190.9	10.8	1	15,435,000	1	271.1	0.397	1	95.0	1.00
002535	CSM002	09/19/96	2	101.6	1	196.1	10.8	1	15,547,000	1	262.2	0.408	1	95.7	1.00
002535	CSM002	09/19/96	3	99.9	1	193.8	10.8	1	15,518,000	1	257.3	0.403	1	95.5	1.00
002535	CSM002	09/19/96	4	98.2	1	199.3	10.9	1	15,566,000	1	253.7	0.411	1	96.7	1.00
002535	CSM002	09/19/96	5	166.1	1	216.1	11.8	1	18,782,000	1	517.9	0.412	1	126.3	1.00
002535	CSM002	09/19/96	6	112.1	1	219.9	12.2	1	19,551,000	1	363.8	0.405	1	136.0	1.00
002535	CSM002	09/19/96	7	75.2	1	216.5	11.9	1	18,878,000	1	235.7	0.409	1	128.0	1.00
002535	CSM002	09/19/96	8	49.3	1	210.0	11.5	1	17,912,000	1	146.6	0.411	1	117.4	1.00
002535	CSM002	09/19/96	9	41.5	1	210.1	11.4	1	17,315,000	1	119.3	0.414	1	112.5	1.00
002535	CSM002	09/19/96	10	41.5	1	209.6	11.4	1	17,330,000	1	119.4	0.413	1	112.6	1.00
002535	CSM002	09/19/96	11	44.2	1	208.7	11.3	1	17,289,000	1	126.9	0.415	1	111.4	1.00
002535	CSM002	09/19/96	12	46.2	1	213.6	11.5	1	17,504,000	1	135.0	0.418	1	115.4	1.00
002535	CSM002	09/19/96	13	70.7	1	222.1	11.9	1	19,203,000	1	225.4	0.420	1	130.3	1.00
002535	CSM002	09/19/96	14	81.2	1	220.3	12.1	1	19,413,000	1	261.7	0.409	1	133.9	1.00
002535	CSM002	09/19/96	15	139.6	1	233.0	12.8	1	22,804,000	1	528.5	0.409	1	166.4	1.00
002535	CSM002	09/19/96	16	171.5	1	228.9	12.9	1	23,408,000	1	666.4	0.399	1	172.1	1.00
002535	CSM002	09/19/96	17	170.2	1	229.3	12.9	1	23,367,000	1	660.2	0.400	1	171.8	1.00
002535	CSM002	09/19/96	18	198.3	1	238.3	13.1	1	23,772,000	1	782.5	0.409	1	177.5	1.00
002535	CSM002	09/19/96	19	206.5	1	241.9	13.2	1	24,396,000	1	836.3	0.412	1	183.6	1.00
002535	CSM002	09/19/96	20	123.8	1	224.1	12.7	1	22,061,000	1	453.4	0.397	1	159.7	1.00
002535	CSM002	09/19/96	21	100.1	1	221.2	12.2	1	20,321,000	1	337.7	0.407	1	141.3	1.00
002535	CSM002	09/19/96	22	121.0	1	229.0	12.6	1	21,634,000	1	434.5	0.409	1	155.4	1.00
002535	CSM002	09/19/96	23	102.3	1	219.3	12.4	1	21,330,000	1	362.2	0.398	1	150.8	1.00
002535	CSM002	09/20/96	0	48.3	1	207.3	11.1	1	17,124,000	1	137.3	0.420	1	108.3	1.00
002535	CSM002	09/20/96	1	62.0	1	202.6	10.8	1	15,680,000	1	161.4	0.422	1	96.5	1.00
002535	CSM002	09/20/96	2	95.5	1	171.1	10.9	1	15,276,000	1	242.2	0.353	1	94.9	1.00
002535	CSM002	09/20/96	3	105.4	1	174.8	10.9	1	15,648,000	1	273.8	0.361	1	97.2	1.00
002535	CSM002	09/20/96	4	126.1	1	201.8	11.1	1	16,515,000	1	345.7	0.409	1	104.5	1.00
002535	CSM002	09/20/96	5	208.8	1	216.6	12.1	1	20,828,000	1	721.9	0.402	1	143.7	1.00
002535	CSM002	09/20/96	6	199.3	6	210.2	11.9	1	19,775,000	1	654.2	0.397	1	134.1	1.00
002535	CSM002	09/20/96	7	199.3	6	218.3	11.8	1	19,927,000	1	659.3	0.416	1	134.0	1.00
002535	CSM002	09/20/96	8	189.7	1	221.8	12.2	1	21,986,000	1	692.3	0.409	1	152.9	1.00
002535	CSM002	09/20/96	9	172.7	1	212.6	12.3	1	21,449,000	1	614.9	0.389	1	150.4	1.00
002535	CSM002	09/20/96	10	201.2	1	222.3	12.4	1	22,126,000	1	739.0	0.403	1	156.4	1.00
002535	CSM002	09/20/96	11	202.5	1	224.2	12.8	1	22,400,000	1	753.0	0.394	1	163.4	1.00
002535	CSM002	09/20/96	12	224.7	1	228.9	13.0	1	23,149,000	1	863.5	0.396	1	171.5	1.00
002535	CSM002	09/20/96	13	212.0	1	248.6	13.1	1	24,169,000	1	850.6	0.427	1	180.5	1.00
002535	CSM002	09/20/96	14	311.9	1	200.9	11.2	1	23,954,000	1	1240.2	0.403	1	152.9	1.00
002535	CSM002	09/20/96	15	195.5	1	223.5	12.9	1	24,071,000	1	781.2	0.390	1	177.0	1.00
002535	CSM002	09/20/96	16	106.2	1	209.8	12.1	1	20,557,000	1	362.4	0.390	1	141.8	1.00
002535	CSM002	09/20/96	17	95.4	1	215.8	11.9	1	20,120,000	1	318.6	0.408	1	136.5	1.00
002535	CSM002	09/20/96	18	143.3	1	228.1	12.5	1	21,548,000	1	512.6	0.410	1	153.5	1.00
002535	CSM002	09/20/96	19	142.1	1	227.6	12.6	1	22,893,000	1	540.0	0.406	1	164.4	1.00
002535	CSM002	09/20/96	20	126.6	1	226.4	12.3	1	21,681,000	1	455.6	0.414	1	152.0	1.00
002535	CSM002	09/20/96	21	110.5	1	223.5	12.0	1	20,950,000	1	384.3	0.419	1	143.3	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	09/20/96	22	115.6	1	223.0	12.2	1	21,490,000	1	412.4	0.411	1	149.4	1.00
002535	CSM002	09/20/96	23	71.6	1	208.3	11.5	1	19,386,000	1	230.4	0.407	1	127.1	1.00
002535	CSM002	09/21/96	0	77.0	1	183.3	11.3	1	18,625,000	1	238.1	0.365	1	120.0	1.00
002535	CSM002	09/21/96	1	41.2	1	187.4	10.8	1	16,141,000	1	110.4	0.390	1	99.4	1.00
002535	CSM002	09/21/96	2	49.2	1	203.2	11.1	1	17,941,000	1	146.5	0.411	1	113.5	1.00
002535	CSM002	09/21/96	3	81.7	1	196.7	10.6	1	15,937,000	1	216.1	0.417	1	96.3	1.00
002535	CSM002	09/21/96	4	71.5	1	195.2	10.5	1	15,240,000	1	180.9	0.418	1	91.2	1.00
002535	CSM002	09/21/96	5	125.4	1	204.2	10.9	1	17,165,000	1	357.3	0.421	1	106.6	1.00
002535	CSM002	09/21/96	6	52.0	1	226.6	11.6	1	16,783,000	1	144.9	0.439	1	111.0	1.00
002535	CSM002	09/21/96	7	33.3	1	219.7	11.2	1	15,783,000	1	87.2	0.441	1	100.8	1.00
002535	CSM002	09/21/96	8	88.1	1	231.7	12.1	1	18,721,000	1	273.8	0.431	1	129.1	1.00
002535	CSM002	09/21/96	9	157.8	1	206.9	13.1	1	22,453,000	1	588.2	0.355	1	167.7	1.00
002535	CSM002	09/21/96	10	161.6	1	231.3	13.4	1	23,355,000	1	626.5	0.388	1	178.4	1.00
002535	CSM002	09/21/96	11	196.7	1	244.4	13.6	1	24,168,000	1	789.1	0.404	1	187.4	1.00
002535	CSM002	09/21/96	12	193.7	1	245.0	13.5	1	23,964,000	1	770.5	0.408	1	184.4	1.00
002535	CSM002	09/21/96	13	168.5	1	242.1	13.1	1	22,437,000	1	627.6	0.415	1	167.5	1.00
002535	CSM002	09/21/96	14	205.1	1	250.7	13.6	1	23,976,000	1	816.3	0.415	1	185.9	1.00
002535	CSM002	09/21/96	15	244.8	1	251.4	13.5	1	24,967,000	1	1014.6	0.419	1	192.1	1.00
002535	CSM002	09/21/96	16	257.8	1	200.0	13.5	1	24,924,000	1	1066.6	0.333	1	191.8	1.00
002535	CSM002	09/21/96	17	239.6	1	243.4	13.3	1	25,165,000	1	1000.9	0.411	1	190.8	1.00
002535	CSM002	09/21/96	18	241.6	1	230.4	13.3	1	25,123,000	1	1007.6	0.389	1	190.5	1.00
002535	CSM002	09/21/96	19	238.0	1	223.6	13.2	1	25,025,000	1	988.7	0.381	1	188.3	1.00
002535	CSM002	09/21/96	20	272.4	1	216.6	13.1	1	24,942,000	1	1127.8	0.372	1	186.2	1.00
002535	CSM002	09/21/96	21	280.9	1	203.9	12.9	1	23,481,000	1	1094.9	0.355	1	172.7	1.00
002535	CSM002	09/21/96	22	280.4	1	200.5	12.7	1	22,530,000	1	1048.7	0.355	1	163.1	1.00
002535	CSM002	09/21/96	23	152.6	1	196.8	11.8	1	18,726,000	1	474.4	0.375	1	126.0	1.00
002535	CSM002	09/22/96	0	113.8	1	184.2	11.5	1	16,990,000	1	321.0	0.360	1	111.4	1.00
002535	CSM002	09/22/96	1	105.4	1	198.5	11.1	1	16,058,000	1	281.0	0.402	1	101.6	1.00
002535	CSM002	09/22/96	2	110.0	1	188.7	10.9	1	14,760,000	1	269.5	0.389	1	91.7	1.00
002535	CSM002	09/22/96	3	114.6	1	200.0	11.2	1	15,818,000	1	300.9	0.401	1	101.0	1.00
002535	CSM002	09/22/96	4	132.9	1	199.9	11.4	1	16,787,000	1	370.3	0.394	1	109.1	1.00
002535	CSM002	09/22/96	5	109.9	1	195.9	11.3	1	16,443,000	1	300.0	0.390	1	105.9	1.00
002535	CSM002	09/22/96	6	89.9	1	186.2	11.4	1	15,215,000	1	227.1	0.367	1	98.9	1.00
002535	CSM002	09/22/96	7	106.2	1	196.2	11.3	1	15,543,000	1	274.0	0.390	1	100.1	1.00
002535	CSM002	09/22/96	8	80.5	1	195.4	11.0	1	14,800,000	1	197.8	0.399	1	92.8	1.00
002535	CSM002	09/22/96	9	89.3	1	188.6	11.2	1	14,814,000	1	219.6	0.379	1	94.6	1.00
002535	CSM002	09/22/96	10	165.3	1	205.4	11.6	1	17,348,000	1	476.0	0.398	1	114.7	1.00
002535	CSM002	09/22/96	11	103.1	1	209.9	12.1	1	19,123,000	1	327.3	0.390	1	131.9	1.00
002535	CSM002	09/22/96	12	122.9	1	214.9	12.2	1	19,717,000	1	402.3	0.396	1	137.1	1.00
002535	CSM002	09/22/96	13	51.2	1	215.2	12.1	1	19,162,000	1	162.9	0.400	1	132.2	1.00
002535	CSM002	09/22/96	14	98.5	1	219.4	12.4	1	20,701,000	1	338.5	0.398	1	146.3	1.00
002535	CSM002	09/22/96	15	166.4	1	218.1	12.8	1	22,643,000	1	625.5	0.383	1	160.2	1.00
002535	CSM002	09/22/96	16	110.0	1	225.5	13.2	1	23,959,000	1	437.5	0.384	1	185.3	1.00
002535	CSM002	09/22/96	17	111.3	1	229.3	13.3	1	23,426,000	1	432.8	0.388	1	177.6	1.00
002535	CSM002	09/22/96	18	106.9	1	228.2	13.6	1	23,732,000	1	421.1	0.377	1	184.0	1.00
002535	CSM002	09/22/96	19	80.3	1	227.3	13.3	1	21,799,000	1	290.6	0.384	1	165.3	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	09/22/96	20	57.7	1	231.1	13.0	1	20,514,000	1	196.5	0.400	1	152.0	1.00
002535	CSM002	09/22/96	21	33.6	1	227.9	12.3	1	18,072,000	1	100.8	0.417	1	126.7	1.00
002535	CSM002	09/22/96	22	22.0	1	204.1	11.2	1	14,517,000	1	53.0	0.410	1	92.7	1.00
002535	CSM002	09/22/96	23	25.3	1	162.1	11.1	1	13,537,000	1	56.9	0.328	1	85.6	1.00
002535	CSM002	09/23/96	0	34.9	1	175.1	10.8	1	14,102,000	1	81.7	0.364	1	86.8	1.00
002535	CSM002	09/23/96	1	52.8	1	185.9	10.9	1	14,608,000	1	128.0	0.384	1	90.8	1.00
002535	CSM002	09/23/96	2	26.8	1	184.8	10.9	1	14,123,000	1	62.8	0.381	1	87.7	1.00
002535	CSM002	09/23/96	3	18.9	1	181.4	11.0	1	14,143,000	1	44.4	0.371	1	88.7	1.00
002535	CSM002	09/23/96	4	23.3	1	179.7	11.2	1	14,450,000	1	55.9	0.361	1	92.2	1.00
002535	CSM002	09/23/96	5	92.4	1	233.8	12.1	1	17,842,000	1	273.7	0.434	1	123.1	1.00
002535	CSM002	09/23/96	6	155.9	1	240.3	13.3	1	21,305,000	1	551.4	0.406	1	161.5	1.00
002535	CSM002	09/23/96	7	126.3	1	237.6	12.3	1	19,132,000	1	401.1	0.434	1	134.1	1.00
002535	CSM002	09/23/96	8	246.2	1	253.4	12.8	1	21,992,000	1	898.8	0.445	1	160.5	1.00
002535	CSM002	09/23/96	9	176.9	1	237.5	12.8	1	23,211,000	1	681.5	0.417	1	169.3	1.00
002535	CSM002	09/23/96	10	204.5	1	247.2	13.1	1	23,639,000	1	802.5	0.424	1	176.5	1.00
002535	CSM002	09/23/96	11	177.6	1	242.0	12.6	1	22,753,000	1	670.8	0.432	1	163.4	1.00
002535	CSM002	09/23/96	12	190.0	1	241.5	12.9	1	22,768,000	1	718.1	0.421	1	167.4	1.00
002535	CSM002	09/23/96	13	205.7	1	243.9	13.0	1	23,104,000	1	788.9	0.422	1	171.2	1.00
002535	CSM002	09/23/96	14	208.0	1	245.6	13.4	1	23,709,000	1	818.6	0.412	1	181.1	1.00
002535	CSM002	09/23/96	15	245.6	1	246.4	13.3	1	24,370,000	1	993.6	0.416	1	184.7	1.00
002535	CSM002	09/23/96	16	250.1	1	250.6	13.4	1	24,667,000	1	1024.1	0.420	1	188.4	1.00
002535	CSM002	09/23/96	17	237.9	1	247.9	13.4	1	24,298,000	1	959.6	0.416	1	185.6	1.00
002535	CSM002	09/23/96	18	247.5	1	248.3	13.3	1	24,314,000	1	998.9	0.420	1	184.3	1.00
002535	CSM002	09/23/96	19	257.8	1	249.0	13.3	1	24,554,000	1	1091.5	0.421	1	186.1	1.00
002535	CSM002	09/23/96	20	245.4	1	239.1	13.1	1	23,778,000	1	968.6	0.410	1	177.6	1.00
002535	CSM002	09/23/96	21	168.3	1	231.0	12.7	1	21,711,000	1	606.6	0.409	1	157.2	1.00
002535	CSM002	09/23/96	22	164.4	1	233.7	12.9	1	22,209,000	1	606.1	0.407	1	163.3	1.00
002535	CSM002	09/23/96	23	141.1	1	233.1	12.5	1	21,473,000	1	503.0	0.419	1	153.0	1.00
002535	CSM002	09/24/96	0	133.8	1	233.0	12.4	1	21,480,000	1	477.1	0.422	1	151.8	1.00
002535	CSM002	09/24/96	1	148.5	1	221.4	12.5	1	21,320,000	1	525.6	0.398	1	151.9	1.00
002535	CSM002	09/24/96	2	153.2	1	219.8	12.6	1	21,307,000	1	541.9	0.392	1	153.0	1.00
002535	CSM002	09/24/96	3	169.6	1	217.7	12.6	1	21,122,000	1	594.7	0.388	1	151.7	1.00
002535	CSM002	09/24/96	4	199.0	1	218.2	12.6	1	21,181,000	1	699.7	0.389	1	152.1	1.00
002535	CSM002	09/24/96	5	218.7	1	220.7	12.8	1	21,571,000	1	783.1	0.388	1	157.4	1.00
002535	CSM002	09/24/96	6	221.7	1	226.8	13.1	1	23,055,000	1	848.5	0.389	1	172.2	1.00
002535	CSM002	09/24/96	7	262.4	1	244.2	12.9	1	24,297,000	1	1058.3	0.426	1	178.7	1.00
002535	CSM002	09/24/96	8	275.5	1	251.5	13.1	1	23,628,000	1	1080.6	0.431	1	176.4	1.00
002535	CSM002	09/24/96	9	260.5	1	245.3	12.9	1	23,839,000	1	1030.9	0.428	1	175.3	1.00
002535	CSM002	09/24/96	10	255.8	1	250.7	13.3	1	23,963,000	1	1017.5	0.424	1	181.7	1.00
002535	CSM002	09/24/96	11	255.3	1	243.2	13.0	1	23,947,000	1	1014.9	0.421	1	177.4	1.00
002535	CSM002	09/24/96	12	282.3	1	246.8	12.9	1	23,875,000	1	1118.8	0.430	1	175.6	1.00
002535	CSM002	09/24/96	13	304.5	1	237.8	12.8	1	23,819,000	1	1204.0	0.418	1	173.8	1.00
002535	CSM002	09/24/96	14	294.4	1	233.1	12.7	1	23,698,000	1	1167.9	0.413	1	173.0	1.00
002535	CSM002	09/24/96	15	227.1	1	230.1	12.7	1	24,500,000	1	923.6	0.407	1	177.4	1.00
002535	CSM002	09/24/96	16	184.3	1	230.6	12.5	1	24,112,000	1	737.7	0.402	1	171.8	1.00
002535	CSM002	09/24/96	17	179.7	1	224.2	12.5	1	24,381,000	1	727.3	0.403	1	173.7	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	09/24/96	18	163.5	1	241.6	12.6	1	23,467,000	1	636.9	0.431	1	168.5	1.00
002535	CSM002	09/24/96	19	186.3	1	244.3	12.9	1	23,655,000	1	731.5	0.426	1	173.9	1.00
002535	CSM002	09/24/96	20	202.6	1	245.4	13.0	1	23,664,000	1	795.9	0.424	1	175.4	1.00
002535	CSM002	09/24/96	21	160.3	1	235.9	12.7	1	22,314,000	1	593.8	0.418	1	161.5	1.00
002535	CSM002	09/24/96	22	92.5	1	221.3	12.3	1	19,917,000	1	305.8	0.404	1	139.6	1.00
002535	CSM002	09/24/96	23	39.7	1	175.3	10.8	1	15,902,000	1	104.8	0.365	1	97.9	1.00
002535	CSM002	09/25/96	0	39.2	1	189.6	10.9	1	16,344,000	1	106.4	0.391	1	101.5	1.00
002535	CSM002	09/25/96	1	59.1	1	204.3	11.3	1	17,079,000	1	167.6	0.406	1	110.0	1.00
002535	CSM002	09/25/96	2	47.0	1	197.0	10.7	1	15,397,000	1	120.1	0.414	1	93.9	1.00
002535	CSM002	09/25/96	3	86.3	1	198.7	11.0	1	15,895,000	1	227.7	0.406	1	99.7	1.00
002535	CSM002	09/25/96	4	92.5	1	201.2	11.2	1	16,638,000	1	255.5	0.404	1	106.2	1.00
002535	CSM002	09/25/96	5	56.9	1	207.1	11.5	1	17,781,000	1	167.9	0.405	1	116.6	1.00
002535	CSM002	09/25/96	6	158.9	1	225.9	12.9	1	21,891,000	1	577.4	0.394	1	161.0	1.00
002535	CSM002	09/25/96	7	389.6	1	220.1	12.7	1	21,150,000	1	1367.8	0.390	1	153.1	1.00
002535	CSM002	09/25/96	8	338.5	1	230.9	11.7	1	18,918,000	1	1063.0	0.444	1	126.2	1.00
002535	CSM002	09/25/96	9	57.7	1	224.0	11.4	1	19,822,000	1	189.9	0.442	1	128.8	1.00
002535	CSM002	09/25/96	10	66.4	1	215.2	12.3	1	20,872,000	1	230.1	0.393	1	146.3	1.00
002535	CSM002	09/25/96	11	50.1	1	207.5	11.5	1	18,884,000	1	157.1	0.406	1	123.8	1.00
002535	CSM002	09/25/96	12	119.8	1	227.3	13.3	1	22,178,000	1	441.0	0.384	1	168.1	1.00
002535	CSM002	09/25/96	13	102.7	1	178.2	10.4	1	21,520,000	1	366.9	0.385	1	127.6	1.00
002535	CSM002	09/25/96	14	75.7	6	0.0	11.3	6	19,094,000	1	239.9	0.393	11	123.0	1.00
002535	CSM002	09/25/96	15	75.7	6	0.0	11.3	6	19,413,000	1	243.9	0.393	11	125.0	1.00
002535	CSM002	09/25/96	16	48.6	1	220.5	12.1	1	19,601,000	1	158.1	0.410	1	135.2	1.00
002535	CSM002	09/25/96	17	75.3	1	224.5	12.5	1	21,395,000	1	267.4	0.404	1	152.4	1.00
002535	CSM002	09/25/96	18	106.0	1	225.0	12.9	1	22,422,000	1	394.5	0.392	1	164.9	1.00
002535	CSM002	09/25/96	19	139.6	1	227.5	12.9	1	22,861,000	1	529.8	0.397	1	168.1	1.00
002535	CSM002	09/25/96	20	70.1	1	219.1	12.3	1	19,759,000	1	229.9	0.400	1	138.5	1.00
002535	CSM002	09/25/96	21	81.1	1	229.7	12.4	1	20,499,000	1	276.0	0.416	1	144.9	1.00
002535	CSM002	09/25/96	22	57.4	1	195.7	12.3	1	19,070,000	1	181.7	0.358	1	133.7	1.00
002535	CSM002	09/25/96	23	45.5	1	189.7	11.3	1	17,025,000	1	128.6	0.377	1	109.7	1.00
002535	CSM002	09/26/96	0	69.8	1	190.4	11.5	1	17,383,000	1	201.4	0.372	1	113.9	1.00
002535	CSM002	09/26/96	1	67.4	1	191.1	11.6	1	17,102,000	1	191.3	0.370	1	113.1	1.00
002535	CSM002	09/26/96	2	38.5	1	191.4	11.1	1	15,677,000	1	100.2	0.388	1	99.2	1.00
002535	CSM002	09/26/96	3	42.4	1	190.5	11.1	1	15,761,000	1	110.9	0.386	1	99.7	1.00
002535	CSM002	09/26/96	4	53.4	1	193.1	11.6	1	17,008,000	1	150.8	0.374	1	112.5	1.00
002535	CSM002	09/26/96	5	83.5	1	217.3	11.7	1	18,768,000	1	260.1	0.418	1	125.2	1.00
002535	CSM002	09/26/96	6	86.7	1	211.7	11.9	1	19,458,000	1	280.0	0.400	1	132.0	1.00
002535	CSM002	09/26/96	7	86.0	1	216.2	11.7	1	18,900,000	1	269.8	0.415	1	126.0	1.00
002535	CSM002	09/26/96	8	86.6	1	225.4	11.9	1	18,924,000	1	272.0	0.426	1	128.4	1.00
002535	CSM002	09/26/96	9	89.6	1	218.4	11.9	1	19,614,000	1	291.7	0.413	1	133.0	1.00
002535	CSM002	09/26/96	10	73.6	1	219.1	12.1	1	18,967,000	1	231.7	0.407	1	130.8	1.00
002535	CSM002	09/26/96	11	90.7	1	221.3	11.9	1	19,044,000	1	286.7	0.418	1	129.2	1.00
002535	CSM002	09/26/96	12	86.2	1	208.7	11.9	1	19,660,000	1	281.3	0.394	1	133.4	1.00
002535	CSM002	09/26/96	13	87.1	1	212.1	12.0	1	19,253,000	1	278.4	0.397	1	131.7	1.00
002535	CSM002	09/26/96	14	94.7	1	210.6	12.0	1	19,337,000	1	304.0	0.395	1	132.3	1.00
002535	CSM002	09/26/96	15	99.5	1	213.4	12.2	1	20,576,000	1	339.9	0.393	1	143.1	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	09/26/96	16	83.1	1	205.1	11.8	1	18,700,000	1	258.0	0.391	1	125.8	1.00
002535	CSM002	09/26/96	17	113.1	1	216.6	12.2	1	20,496,000	1	384.8	0.399	1	142.5	1.00
002535	CSM002	09/26/96	18	109.3	1	211.3	12.9	1	22,090,000	1	400.8	0.368	1	162.4	1.00
002535	CSM002	09/26/96	19	135.2	1	215.0	13.0	1	22,540,000	1	505.9	0.372	1	167.0	1.00
002535	CSM002	09/26/96	20	133.8	1	214.2	13.0	1	22,379,000	1	497.1	0.370	1	165.8	1.00
002535	CSM002	09/26/96	21	122.4	1	213.5	12.9	1	22,268,000	1	452.5	0.372	1	163.7	1.00
002535	CSM002	09/26/96	22	93.7	1	201.5	12.3	1	19,827,000	1	308.4	0.368	1	139.0	1.00
002535	CSM002	09/26/96	23	91.7	1	209.3	12.3	1	20,754,000	1	315.9	0.382	1	145.5	1.00
002535	CSM002	09/27/96	0	63.2	1	196.3	11.8	1	19,239,000	1	201.8	0.374	1	129.4	1.00
002535	CSM002	09/27/96	1	67.0	1	202.8	11.6	1	18,695,000	1	207.9	0.393	1	123.6	1.00
002535	CSM002	09/27/96	2	60.8	1	206.5	11.6	1	18,631,000	1	188.0	0.400	1	123.2	1.00
002535	CSM002	09/27/96	3	66.0	1	210.4	11.7	1	18,997,000	1	208.1	0.404	1	126.7	1.00
002535	CSM002	09/27/96	4	66.1	1	210.6	11.9	1	19,784,000	1	217.1	0.398	1	134.2	1.00
002535	CSM002	09/27/96	5	105.4	1	216.5	12.8	1	22,801,000	1	398.9	0.380	1	166.4	1.00
002535	CSM002	09/27/96	6	120.1	1	223.1	13.2	1	23,796,000	1	474.4	0.380	1	179.0	1.00
002535	CSM002	09/27/96	7	119.2	1	225.6	13.0	1	21,574,000	1	426.9	0.390	1	159.9	1.00
002535	CSM002	09/27/96	8	125.5	1	241.0	13.1	1	24,013,000	1	500.3	0.414	1	179.3	1.00
002535	CSM002	09/27/96	9	133.3	1	238.3	13.0	1	23,049,000	1	510.0	0.412	1	170.8	1.00
002535	CSM002	09/27/96	10	115.7	1	246.8	13.2	1	24,023,000	1	461.4	0.420	1	180.7	1.00
002535	CSM002	09/27/96	11	135.7	1	236.5	13.0	1	24,625,000	1	554.7	0.409	1	182.5	1.00
002535	CSM002	09/27/96	12	121.1	1	230.6	12.9	1	24,343,000	1	489.4	0.402	1	179.0	1.00
002535	CSM002	09/27/96	13	117.0	1	237.0	13.0	1	24,479,000	1	475.4	0.410	1	181.4	1.00
002535	CSM002	09/27/96	14	130.2	1	241.6	13.1	1	24,562,000	1	530.9	0.415	1	183.4	1.00
002535	CSM002	09/27/96	15	86.6	1	242.2	12.9	1	24,728,000	1	355.5	0.422	1	181.8	1.00
002535	CSM002	09/27/96	16	106.7	1	241.0	12.9	1	24,711,000	1	437.7	0.420	1	181.7	1.00
002535	CSM002	09/27/96	17	130.2	1	238.5	12.9	1	24,689,000	1	533.6	0.416	1	181.5	1.00
002535	CSM002	09/27/96	18	161.9	1	239.4	12.8	1	24,660,000	1	662.7	0.420	1	179.9	1.00
002535	CSM002	09/27/96	19	168.1	1	237.0	12.9	1	24,680,000	1	688.7	0.413	1	181.5	1.00
002535	CSM002	09/27/96	20	226.0	1	235.8	12.9	1	24,186,000	1	907.4	0.411	1	177.8	1.00
002535	CSM002	09/27/96	21	240.2	1	231.5	12.8	1	23,468,000	1	935.8	0.407	1	171.2	1.00
002535	CSM002	09/27/96	22	117.0	1	229.4	12.6	1	22,722,000	1	441.3	0.409	1	163.2	1.00
002535	CSM002	09/27/96	23	47.2	1	219.9	12.4	1	21,232,000	1	166.4	0.399	1	150.1	1.00
002535	CSM002	09/28/96	0	52.8	1	221.9	12.6	1	22,587,000	1	198.0	0.396	1	162.2	1.00
002535	CSM002	09/28/96	1	99.9	1	234.9	13.0	1	24,433,000	1	405.2	0.406	1	181.0	1.00
002535	CSM002	09/28/96	2	110.3	1	233.2	12.8	1	24,314,000	1	445.2	0.410	1	177.4	1.00
002535	CSM002	09/28/96	3	97.0	1	226.7	12.9	1	23,258,000	1	374.5	0.395	1	171.0	1.00
002535	CSM002	09/28/96	4	67.9	1	228.8	12.5	1	21,742,000	1	245.1	0.411	1	154.9	1.00
002535	CSM002	09/28/96	5	66.2	1	218.4	12.7	1	22,571,000	1	248.0	0.387	1	163.4	1.00
002535	CSM002	09/28/96	6	29.3	1	215.4	12.0	1	19,863,000	1	96.6	0.404	1	135.9	1.00
002535	CSM002	09/28/96	7	59.1	1	228.7	12.8	1	23,606,000	1	231.6	0.402	1	172.2	1.00
002535	CSM002	09/28/96	8	99.3	1	221.4	12.9	1	24,224,000	1	399.3	0.386	1	178.1	1.00
002535	CSM002	09/28/96	9	128.0	1	209.7	12.9	1	22,966,000	1	488.0	0.365	1	168.9	1.00
002535	CSM002	09/28/96	10	104.2	1	211.1	12.7	1	22,143,000	1	383.0	0.374	1	160.3	1.00
002535	CSM002	09/28/96	11	86.1	1	219.1	12.8	1	22,474,000	1	321.2	0.385	1	164.0	1.00
002535	CSM002	09/28/96	12	102.0	1	225.1	13.1	1	24,157,000	1	409.0	0.386	1	180.4	1.00
002535	CSM002	09/28/96	13	99.5	1	228.2	13.0	1	24,318,000	1	401.7	0.395	1	180.2	1.00

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ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	09/28/96	14	102.3	1	226.5	13.1	1	24,243,000	1	411.7	0.389	1	181.0	1.00
002535	CSM002	09/28/96	15	100.3	1	224.8	13.0	1	24,512,000	1	408.1	0.389	1	181.6	1.00
002535	CSM002	09/28/96	16	95.9	1	225.2	13.1	1	24,383,000	1	388.2	0.386	1	182.1	1.00
002535	CSM002	09/28/96	17	99.5	1	223.5	13.1	1	24,281,000	1	401.0	0.383	1	181.3	1.00
002535	CSM002	09/28/96	18	87.5	1	221.0	13.0	1	24,508,000	1	356.0	0.382	1	181.6	1.00
002535	CSM002	09/28/96	19	76.1	1	210.0	12.9	1	22,526,000	1	284.6	0.366	1	165.6	1.00
002535	CSM002	09/28/96	20	85.5	1	220.1	13.1	1	23,816,000	1	338.0	0.378	1	177.8	1.00
002535	CSM002	09/28/96	21	84.2	1	216.8	13.1	1	23,552,000	1	329.2	0.372	1	175.9	1.00
002535	CSM002	09/28/96	22	65.9	1	219.8	12.7	1	21,850,000	1	239.0	0.389	1	158.2	1.00
002535	CSM002	09/28/96	23	43.5	1	218.1	12.0	1	19,111,000	1	138.0	0.410	1	130.7	1.00
002535	CSM002	09/29/96	0	42.9	1	226.4	12.3	1	20,061,000	1	142.9	0.414	1	140.6	1.00
002535	CSM002	09/29/96	1	59.1	1	239.3	12.8	1	22,417,000	1	219.9	0.420	1	163.6	1.00
002535	CSM002	09/29/96	2	62.0	1	232.2	12.9	1	23,124,000	1	238.0	0.405	1	170.0	1.00
002535	CSM002	09/29/96	3	58.9	1	227.2	13.0	1	23,345,000	1	228.3	0.393	1	173.0	1.00
002535	CSM002	09/29/96	4	61.0	1	216.9	12.6	1	21,911,000	1	221.9	0.387	1	157.4	1.00
002535	CSM002	09/29/96	5	65.6	1	207.1	12.1	1	19,394,000	1	211.2	0.385	1	133.8	1.00
002535	CSM002	09/29/96	6	61.5	1	222.7	12.3	1	18,340,000	1	187.2	0.407	1	128.6	1.00
002535	CSM002	09/29/96	7	55.4	1	220.1	12.1	1	18,356,000	1	168.8	0.409	1	126.6	1.00
002535	CSM002	09/29/96	8	64.3	1	223.5	12.4	1	18,871,000	1	201.4	0.405	1	133.4	1.00
002535	CSM002	09/29/96	9	75.4	1	235.5	12.8	1	20,221,000	1	253.1	0.414	1	147.5	1.00
002535	CSM002	09/29/96	10	78.5	1	235.4	13.1	1	20,904,000	1	272.4	0.404	1	156.1	1.00
002535	CSM002	09/29/96	11	81.0	1	232.2	13.1	1	21,136,000	1	284.2	0.399	1	157.8	1.00
002535	CSM002	09/29/96	12	56.7	1	224.3	12.4	1	19,358,000	1	182.2	0.407	1	136.8	1.00
002535	CSM002	09/29/96	13	54.7	1	224.2	12.4	1	19,042,000	1	172.9	0.406	1	134.6	1.00
002535	CSM002	09/29/96	14	94.3	1	238.3	13.1	1	21,831,000	1	341.7	0.409	1	163.0	1.00
002535	CSM002	09/29/96	15	103.1	1	241.4	13.4	1	23,670,000	1	405.1	0.405	1	180.8	1.00
002535	CSM002	09/29/96	16	94.2	1	235.4	13.4	1	23,231,000	1	363.3	0.395	1	177.4	1.00
002535	CSM002	09/29/96	17	92.4	1	229.1	13.1	1	21,582,000	1	331.0	0.393	1	161.2	1.00
002535	CSM002	09/29/96	18	117.7	1	234.8	13.3	1	23,592,000	1	460.9	0.397	1	178.9	1.00
002535	CSM002	09/29/96	19	101.1	1	233.6	13.3	1	23,533,000	1	394.9	0.395	1	178.4	1.00
002535	CSM002	09/29/96	20	113.8	1	229.1	13.2	1	23,077,000	1	435.9	0.390	1	173.6	1.00
002535	CSM002	09/29/96	21	105.7	1	225.4	12.9	1	21,697,000	1	380.7	0.393	1	159.5	1.00
002535	CSM002	09/29/96	22	94.9	1	229.6	12.9	1	21,930,000	1	345.5	0.400	1	161.3	1.00
002535	CSM002	09/29/96	23	59.9	1	214.6	11.9	1	18,571,000	1	184.7	0.405	1	126.0	1.00
002535	CSM002	09/30/96	0	71.7	1	231.3	12.4	1	20,090,000	1	239.1	0.419	1	142.0	1.00
002535	CSM002	09/30/96	1	97.3	1	239.8	12.9	1	22,813,000	1	368.5	0.418	1	167.7	1.00
002535	CSM002	09/30/96	2	122.0	1	242.3	13.1	1	23,824,000	1	482.5	0.416	1	177.9	1.00
002535	CSM002	09/30/96	3	129.6	1	233.6	13.1	1	23,743,000	1	510.8	0.401	1	177.3	1.00
002535	CSM002	09/30/96	4	124.3	1	227.7	13.2	1	23,218,000	1	479.1	0.388	1	174.7	1.00
002535	CSM002	09/30/96	5	142.5	1	251.5	13.4	1	23,628,000	1	558.9	0.422	1	180.5	1.00
002535	CSM002	09/30/96	6	131.5	1	237.2	13.4	1	24,368,000	1	531.9	0.398	1	186.1	1.00
002535	CSM002	09/30/96	7	113.2	1	238.3	13.2	1	24,513,000	1	460.6	0.406	1	184.4	1.00
002535	CSM002	09/30/96	8	130.8	1	244.8	13.1	1	24,865,000	1	539.9	0.420	1	185.7	1.00
002535	CSM002	09/30/96	9	152.0	1	236.5	13.2	1	24,551,000	1	619.5	0.403	1	184.7	1.00
002535	CSM002	09/30/96	10	148.9	1	233.6	13.3	1	24,548,000	1	606.8	0.395	1	186.1	1.00
002535	CSM002	09/30/96	11	144.4	1	237.7	13.3	1	24,563,000	1	588.8	0.402	1	186.2	1.00

Miliken DOE Data Reporting

ORIS CODE	NADB ID	DATE	HOUR	SO2 ADJUSTED (PPM)	SO2 EPA CODE	NOX ACTUAL (PPM)	CO2 ACTUAL (%)	CO2 EPA CODE	FLOW ADJUSTED (SCFH)	FLOW EPA CODE	SO2 (LB/HR)	NOX ADJUSTED (LB/MMBTU)	NOX RATE EPA CODE	CO2 ACTUAL (TONS)	EPA OPERATING TIME
002535	CSM002	09/30/96	12	93.5	1	238.0	13.4	1	24,458,000	1	379.6	0.399	1	186.8	1.00
002535	CSM002	09/30/96	13	96.2	1	233.2	13.5	1	24,354,000	1	388.9	0.388	1	187.4	1.00
002535	CSM002	09/30/96	14	99.4	1	242.3	13.5	1	24,369,000	1	402.1	0.403	1	187.5	1.00
002535	CSM002	09/30/96	15	100.1	1	244.5	13.7	1	24,496,000	1	407.0	0.401	1	191.3	1.00
002535	CSM002	09/30/96	16	108.6	1	253.7	13.6	1	24,559,000	1	442.7	0.419	1	190.4	1.00
002535	CSM002	09/30/96	17	119.0	1	255.5	13.5	1	24,146,000	1	477.0	0.426	1	185.8	1.00
002535	CSM002	09/30/96	18	119.4	1	255.9	13.4	1	24,368,000	1	483.0	0.429	1	186.1	1.00
002535	CSM002	09/30/96	19	104.6	1	250.5	13.4	1	24,165,000	1	419.6	0.420	1	184.6	1.00
002535	CSM002	09/30/96	20	111.6	1	248.7	13.3	1	24,351,000	1	451.1	0.420	1	184.6	1.00
002535	CSM002	09/30/96	21	109.0	1	243.3	13.1	1	24,221,000	1	438.3	0.418	1	180.9	1.00
002535	CSM002	09/30/96	22	63.0	1	225.3	12.5	1	21,437,000	1	224.2	0.405	1	152.7	1.00
002535	CSM002	09/30/96	23	75.2	1	226.0	12.6	1	21,713,000	1	271.0	0.403	1	155.9	1.00

NEW YORK STATE ELECTRIC & GAS CORP.
WATER QUALITY MONITORING PROGRAM

MILLIKEN ASH DISPOSAL SITE
Ground Water
Field Parameters and Wet Chemistry

Sampling Location: MAGCD-9111

Date	pH	COND	ALKA	HARD	TDS	TURB	SO4	Fluoride
8/07/96	7.4	1045	346	295	610	1.91	44	<0.2

Sampling Location: MAGCI-9111

Date	pH	COND	ALKA	HARD	TDS	TURB	SO4	Fluoride
8/06/96	7.1	725	320	324	460	2.75	77	<0.2

Sampling Location: MAGDA-8305

Date	pH	COND	ALKA	HARD	TDS	TURB	SO4	Fluoride
8/06/96	7.5	2280	338	978	1500	9.57	1000	<0.2

Sampling Location: MAGDD-8702

Date	pH	COND	ALKA	HARD	TDS	TURB	SO4	Fluoride
8/06/96	7.2	1571	251	735	1400	8.51	550	<0.2

Sampling Location: MAGDD-8703

Date	pH	COND	ALKA	HARD	TDS	TURB	SO4	Fluoride
8/06/96	7.7	4320	409	182	2400	3.58	7	.26

Sampling Location: MAGDD-8705

Date	pH	COND	ALKA	HARD	TDS	TURB	SO4	Fluoride
8/07/96	7.4	1497	InsfH2O	---	800	56.5	82	.31

Sampling Location: MAGDD-8715

Date	pH	COND	ALKA	HARD	TDS	TURB	SO4	Fluoride
8/07/96	7.3	1026	514	162	600	91.6	26	<0.2

Sampling Location: MAGDD-8716

Date	pH	COND	ALKA	HARD	TDS	TURB	SO4	Fluoride
8/07/96	7.6	607	277	227	350	4.73	43	<0.2

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MILLIKEN ASH DISPOSAL SITE
 Ground Water
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Sampling Location: MAGDD-9114

Date	pH	COND	ALKA	HARD	TDS	TURB	SO4	Fluoride
8/05/96	7.8	777	InsfH2O	---	---	1.06	---	---

Sampling Location: MAGDI-8703

Date	pH	COND	ALKA	HARD	TDS	TURB	SO4	Fluoride
8/06/96	7.5	1139	541	72	720	13.2	79	<0.2

Sampling Location: MAGDI-8705

Date	pH	COND	ALKA	HARD	TDS	TURB	SO4	Fluoride
8/06/96	7.2	1126	312	440	820	6.31	64	<0.2

Sampling Location: MAGDI-8707

Date	pH	COND	ALKA	HARD	TDS	TURB	SO4	Fluoride
8/06/96	7.8	802	363	231	460	207	65	<0.2

Sampling Location: MAGDI-8715

Date	pH	COND	ALKA	HARD	TDS	TURB	SO4	Fluoride
8/07/96	7.1	1139	323	532	700	84.1	42	<0.2

Sampling Location: MAGDI-8716

Date	pH	COND	ALKA	HARD	TDS	TURB	SO4	Fluoride
8/06/96	7.4	764	363	266	400	49.4	50	.21

Sampling Location: MAGDI-9114

Date	pH	COND	ALKA	HARD	TDS	TURB	SO4	Fluoride
8/06/96	7.2	879	334	341	520	35.3	120	<0.2

Sampling Location: MAGDSH8703

Date	pH	COND	ALKA	HARD	TDS	TURB	SO4	Fluoride
8/06/96	7.2	791	InsfH2O	---	---	18.6	---	---

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MILLIKEN ASH DISPOSAL SITE
Ground Water
Field Parameters and Wet Chemistry

Sampling Location: MAGDSH8705

Date	pH	COND	ALKA	HARD	TDS	TURB	SO4	Fluoride
8/07/96	7.1	1212	317	451	700	34.7	91	<0.2

Sampling Location: MAGDSH8707

Date	pH	COND	ALKA	HARD	TDS	TURB	SO4	Fluoride
8/07/96	7.3	649	299	295	410	46.8	58	<0.2

Sampling Location: MAGDWSXX01

Date	pH	COND	ALKA	HARD	TDS	TURB	SO4	Fluoride
8/06/96	7.6	1275	360	486	710	56	68	<0.2

Sampling Location: MAGDXX7721

Date	pH	COND	ALKA	HARD	TDS	TURB	SO4	Fluoride
8/06/96	7.4	840	263	358	520	35.1	100	<0.2

Sampling Location: MAGDXX7731

Date	pH	COND	ALKA	HARD	TDS	TURB	SO4	Fluoride
8/07/96	7.3	1467	320	692	1200	2.11	480	<0.2

Sampling Location: MAGDXX7741

Date	pH	COND	ALKA	HARD	TDS	TURB	SO4	Fluoride
8/06/96	6.9	3.7	380	1870	3600	8.05	2000	<0.2

Sampling Location: MAGDXX8105

Date	pH	COND	ALKA	HARD	TDS	TURB	SO4	Fluoride
8/06/96	7.2	1397	291	666	1200	11.2	500	<0.2

Sampling Location: MAGDXX8106

Date	pH	COND	ALKA	HARD	TDS	TURB	SO4	Fluoride
8/06/96	7	3.58	370	2060	3500	3.45	1600	<0.2

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MILLIKEN ASH DISPOSAL SITE
Ground Water
Field Parameters and Wet Chemistry

Sampling Location: MAGDXX8213

Date	pH	COND	ALKA	HARD	TDS	TURB	SO4	Fluoride
8/07/96	7.4	811	355	423	480	25.7	92	<0.2

Sampling Location: MAGDXX8215

Date	pH	COND	ALKA	HARD	TDS	TURB	SO4	Fluoride
8/07/96	7.2	777	330	344	480	50.1	73	<0.2

Sampling Location: MAGDXX8301

Date	pH	COND	ALKA	HARD	TDS	TURB	SO4	Fluoride
8/07/96	7.3	1248	InsfH2O	---	1000	1000	360	<0.2

Sampling Location: MAGDXX8302

Date	pH	COND	ALKA	HARD	TDS	TURB	SO4	Fluoride
8/06/96	7.1	1116	327	545	800	4.29	290	<0.2

Sampling Location: MAGDXX8305

Date	pH	COND	ALKA	HARD	TDS	TURB	SO4	Fluoride
8/06/96	7.1	1937	355	908	1600	3.93	770	<0.2

Sampling Location: MAGUD-8714

Date	pH	COND	ALKA	HARD	TDS	TURB	SO4	Fluoride
8/05/96	Dry	---	---	---	---	---	---	---

Sampling Location: MAGUD-9001

Date	pH	COND	ALKA	HARD	TDS	TURB	SO4	Fluoride
8/06/96	7.2	844	313	360	470	10.9	95	<0.2

Sampling Location: MAGUSH9001

Date	pH	COND	ALKA	HARD	TDS	TURB	SO4	Fluoride
8/06/96	7.1	792	311	356	510	1.84	130	<0.2

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MILLIKEN ASH DISPOSAL SITE
 Ground Water
 Field Parameters and Wet Chemistry

Sampling Location: MAGUXX7712

Date	pH	COND	ALKA	HARD	TDS	TURB	SO4	Fluoride
8/06/96	7.1	888	335	428	590	2.13	110	<0.2

Sampling Location: MAGUXX8303

Date	pH	COND	ALKA	HARD	TDS	TURB	SO4	Fluoride
8/07/96	7.1	719	307	---	440	1.1	80	<0.2

Sampling Location: MAGUXX8304

Date	pH	COND	ALKA	HARD	TDS	TURB	SO4	Fluoride
8/06/96	6.9	633	276	291	380	29.4	54	<0.2

Sampling Location: MAGXGDX04

Date	pH	COND	ALKA	HARD	TDS	TURB	SO4	Fluoride
8/05/96	6.8	3590	362	1980	3500	---	2100	3.89

Sampling Location: MAGXGDX07

Date	pH	COND	ALKA	HARD	TDS	TURB	SO4	Fluoride
8/06/96	7.4	3020	270	1200	2800	---	1600	1.31

Sampling Location: MAGXGDX09

Date	pH	COND	ALKA	HARD	TDS	TURB	SO4	Fluoride
8/05/96	7.4	2210	277	870	1900	---	1000	.46

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Sampling Location: MAGCD-9111 (cont'd)

Date	AL-D	AS-D	CD-D	CR-D	CU-D	FE-D	HG-D	PB-D	MG-D	MN-D	SE-D	ZN-D
8/07/96	<0.05	.004	<0.005	<0.01	<0.01	.025	<0.0002	<0.001	35.4	.19	<0.009	<0.01

Sampling Location: MAGCI-9111 (cont'd)

Date	AL-D	AS-D	CD-D	CR-D	CU-D	FE-D	HG-D	PB-D	MG-D	MN-D	SE-D	ZN-D
8/06/96	<0.05	<0.002	<0.005	<0.01	<0.01	.032	<0.0002	.001	39.6	.052	<0.009	<0.01

Sampling Location: MAGDA-8305 (cont'd)

Date	AL-D	AS-D	CD-D	CR-D	CU-D	FE-D	HG-D	PB-D	MG-D	MN-D	SE-D	ZN-D
8/06/96	<0.05	<0.002	<0.005	<0.01	<0.01	.11	<0.0002	.001	121	.18	.025	<0.01

Sampling Location: MAGDD-8702 (cont'd)

Date	AL-D	AS-D	CD-D	CR-D	CU-D	FE-D	HG-D	PB-D	MG-D	MN-D	SE-D	ZN-D
8/06/96	<0.05	<0.002	<0.005	<0.01	<0.01	<0.01	<0.0002	<0.001	58.1	.16	<0.009	<0.01

Sampling Location: MAGDD-8703 (cont'd)

Date	AL-D	AS-D	CD-D	CR-D	CU-D	FE-D	HG-D	PB-D	MG-D	MN-D	SE-D	ZN-D
8/06/96	<0.05	<0.002	<0.005	<0.01	<0.01	.89	<0.0002	<0.001	17.3	.18	<0.009	<0.01

Sampling Location: MAGDD-8705 (cont'd)

Date	AL-D	AS-D	CD-D	CR-D	CU-D	FE-D	HG-D	PB-D	MG-D	MN-D	SE-D	ZN-D
8/07/96	<0.05	<0.002	<0.005	<0.01	<0.01	.43	<0.0002	<0.001	16.3	.25	<0.009	<0.01

Sampling Location: MAGDD-8715 (cont'd)

Date	AL-D	AS-D	CD-D	CR-D	CU-D	FE-D	HG-D	PB-D	MG-D	MN-D	SE-D	ZN-D
8/07/96	<0.05	<0.002	<0.005	<0.01	<0.01	.18	<0.0002	<0.001	13	.25	<0.009	<0.01

Sampling Location: MAGDD-8716 (cont'd)

Date	AL-D	AS-D	CD-D	CR-D	CU-D	FE-D	HG-D	PB-D	MG-D	MN-D	SE-D	ZN-D
8/07/96	<0.05	.003	<0.005	<0.01	<0.01	.47	<0.0002	<0.001	29.1	.28	<0.009	<0.01

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 Ground Water
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Sampling Location: MAGDD-9114 (cont'd)

Date	AL-D	AS-D	CD-D	CR-D	CU-D	FE-D	HG-D	PB-D	MG-D	MN-D	SE-D	ZN-D
8/05/96	---	---	---	---	---	---	---	---	---	---	---	---

Sampling Location: MAGDI-8703 (cont'd)

Date	AL-D	AS-D	CD-D	CR-D	CU-D	FE-D	HG-D	PB-D	MG-D	MN-D	SE-D	ZN-D
8/06/96	<0.05	<0.002	<0.005	<0.01	<0.01	<0.01	<0.0002	<0.001	6.59	.085	<0.009	<0.01

Sampling Location: MAGDI-8705 (cont'd)

Date	AL-D	AS-D	CD-D	CR-D	CU-D	FE-D	HG-D	PB-D	MG-D	MN-D	SE-D	ZN-D
8/06/96	<0.05	<0.002	<0.005	<0.01	<0.01	1.4	<0.0002	<0.001	51.7	.14	<0.009	<0.01

Sampling Location: MAGDI-8707 (cont'd)

Date	AL-D	AS-D	CD-D	CR-D	CU-D	FE-D	HG-D	PB-D	MG-D	MN-D	SE-D	ZN-D
8/06/96	<0.05	<0.002	<0.005	<0.01	<0.01	.62	<0.0002	<0.001	29.3	.13	<0.009	<0.01

Sampling Location: MAGDI-8715 (cont'd)

Date	AL-D	AS-D	CD-D	CR-D	CU-D	FE-D	HG-D	PB-D	MG-D	MN-D	SE-D	ZN-D
8/07/96	<0.05	<0.002	<0.005	<0.01	<0.01	.25	<0.0002	<0.001	45	.1	<0.009	<0.01

Sampling Location: MAGDI-8716 (cont'd)

Date	AL-D	AS-D	CD-D	CR-D	CU-D	FE-D	HG-D	PB-D	MG-D	MN-D	SE-D	ZN-D
8/06/96	<0.05	<0.002	<0.005	<0.01	<0.01	.94	<0.0002	<0.001	32.7	.22	<0.009	<0.01

Sampling Location: MAGDI-9114 (cont'd)

Date	AL-D	AS-D	CD-D	CR-D	CU-D	FE-D	HG-D	PB-D	MG-D	MN-D	SE-D	ZN-D
8/06/96	<0.05	<0.002	<0.005	<0.01	<0.01	.61	<0.0002	<0.001	41	.091	<0.009	<0.01

Sampling Location: MAGDSH8703 (cont'd)

Date	AL-D	AS-D	CD-D	CR-D	CU-D	FE-D	HG-D	PB-D	MG-D	MN-D	SE-D	ZN-D
8/06/96	---	---	---	---	---	---	---	---	---	---	---	---

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MILLIKEN ASH DISPOSAL SITE
 Ground Water
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Sampling Location: MAGDSH8705 (cont'd)

Date	AL-D	AS-D	CD-D	CR-D	CU-D	FE-D	HG-D	PB-D	MG-D	MN-D	SE-D	ZN-D
8/07/96	<0.05	<0.002	<0.005	<0.01	<0.01	<0.01	<0.0002	<0.001	45.5	<0.01	<0.009	<0.01

Sampling Location: MAGDSH8707 (cont'd)

Date	AL-D	AS-D	CD-D	CR-D	CU-D	FE-D	HG-D	PB-D	MG-D	MN-D	SE-D	ZN-D
8/07/96	<0.05	<0.002	<0.005	<0.01	<0.01	.021	<0.0002	<0.001	34.3	.25	<0.009	<0.01

Sampling Location: MAGDWSXX01 (cont'd)

Date	AL-D	AS-D	CD-D	CR-D	CU-D	FE-D	HG-D	PB-D	MG-D	MN-D	SE-D	ZN-D
8/06/96	<0.05	<0.002	<0.005	<0.01	<0.01	.41	<0.0002	<0.001	57.3	.13	<0.009	<0.01

Sampling Location: MAGDXX7721 (cont'd)

Date	AL-D	AS-D	CD-D	CR-D	CU-D	FE-D	HG-D	PB-D	MG-D	MN-D	SE-D	ZN-D
8/06/96	<0.05	<0.002	<0.005	<0.01	<0.01	.12	<0.0002	<0.001	40.2	.13	<0.009	<0.01

Sampling Location: MAGDXX7731 (cont'd)

Date	AL-D	AS-D	CD-D	CR-D	CU-D	FE-D	HG-D	PB-D	MG-D	MN-D	SE-D	ZN-D
8/07/96	<0.05	<0.002	<0.005	<0.01	<0.01	2.14	<0.0002	<0.001	86.3	.15	<0.009	<0.01

Sampling Location: MAGDXX7741 (cont'd)

Date	AL-D	AS-D	CD-D	CR-D	CU-D	FE-D	HG-D	PB-D	MG-D	MN-D	SE-D	ZN-D
8/06/96	<0.05	<0.002	<0.005	<0.01	<0.01	2.16	<0.0002	<0.001	199	.16	.165	<0.01

Sampling Location: MAGDXX8105 (cont'd)

Date	AL-D	AS-D	CD-D	CR-D	CU-D	FE-D	HG-D	PB-D	MG-D	MN-D	SE-D	ZN-D
8/06/96	<0.05	<0.002	<0.005	<0.01	<0.01	<0.01	<0.0002	<0.001	63.9	<0.01	<0.009	.018

Sampling Location: MAGDXX8106 (cont'd)

Date	AL-D	AS-D	CD-D	CR-D	CU-D	FE-D	HG-D	PB-D	MG-D	MN-D	SE-D	ZN-D
8/06/96	.052	<0.002	<0.005	<0.01	<0.01	<0.01	<0.0002	<0.001	197	.11	.04	<0.01

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Sampling Location: MAGDXX8213 (cont'd)

Date	AL-D	AS-D	CD-D	CR-D	CU-D	FE-D	HG-D	PB-D	MG-D	MN-D	SE-D	ZN-D
8/07/96	<0.05	<0.002	<0.005	<0.01	<0.01	.094	<0.0002	<0.001	42.1	.039	<0.009	<0.01

Sampling Location: MAGDXX8215 (cont'd)

Date	AL-D	AS-D	CD-D	CR-D	CU-D	FE-D	HG-D	PB-D	MG-D	MN-D	SE-D	ZN-D
8/07/96	<0.05	<0.002	<0.005	<0.01	<0.01	.16	<0.0002	<0.001	37.1	.06	<0.009	<0.01

Sampling Location: MAGDXX8301 (cont'd)

Date	AL-D	AS-D	CD-D	CR-D	CU-D	FE-D	HG-D	PB-D	MG-D	MN-D	SE-D	ZN-D
8/07/96	<0.05	<0.002	<0.005	<0.01	<0.01	.077	<0.0002	<0.001	71.7	.23	<0.009	<0.01

Sampling Location: MAGDXX8302 (cont'd)

Date	AL-D	AS-D	CD-D	CR-D	CU-D	FE-D	HG-D	PB-D	MG-D	MN-D	SE-D	ZN-D
8/06/96	<0.05	<0.002	<0.005	<0.01	<0.01	1.8	<0.0002	<0.001	63.4	.23	<0.009	<0.01

Sampling Location: MAGDXX8305 (cont'd)

Date	AL-D	AS-D	CD-D	CR-D	CU-D	FE-D	HG-D	PB-D	MG-D	MN-D	SE-D	ZN-D
8/06/96	<0.05	<0.002	<0.005	<0.01	<0.01	2.33	<0.0002	<0.001	111	.23	<0.009	<0.01

Sampling Location: MAGUD-8714 (cont'd)

Date	AL-D	AS-D	CD-D	CR-D	CU-D	FE-D	HG-D	PB-D	MG-D	MN-D	SE-D	ZN-D
8/05/96	---	---	---	---	---	---	---	---	---	---	---	---

Sampling Location: MAGUD-9001 (cont'd)

Date	AL-D	AS-D	CD-D	CR-D	CU-D	FE-D	HG-D	PB-D	MG-D	MN-D	SE-D	ZN-D
8/06/96	<0.05	<0.002	<0.005	<0.01	<0.01	.85	<0.0002	<0.001	41.2	.11	<0.009	<0.01

Sampling Location: MAGUSH9001 (cont'd)

Date	AL-D	AS-D	CD-D	CR-D	CU-D	FE-D	HG-D	PB-D	MG-D	MN-D	SE-D	ZN-D
8/06/96	<0.05	<0.002	<0.005	<0.01	<0.01	<0.01	<0.0002	<0.001	41.2	.034	<0.009	<0.01

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Sampling Location: MAGUXX7712 (cont'd)

Date	AL-D	AS-D	CD-D	CR-D	CU-D	FE-D	HG-D	PB-D	MG-D	MN-D	SE-D	ZN-D
8/06/96	<0.05	<0.002	<0.005	<0.01	<0.01	<0.01	<0.0002	<0.001	43	.021	<0.009	<0.01

Sampling Location: MAGUXX8303 (cont'd)

Date	AL-D	AS-D	CD-D	CR-D	CU-D	FE-D	HG-D	PB-D	MG-D	MN-D	SE-D	ZN-D
8/07/96	<0.05	<0.002	<0.005	<0.01	<0.01	<0.01	<0.0002	<0.001	36	.021	<0.009	<0.01

Sampling Location: MAGUXX8304 (cont'd)

Date	AL-D	AS-D	CD-D	CR-D	CU-D	FE-D	HG-D	PB-D	MG-D	MN-D	SE-D	ZN-D
8/06/96	<0.05	<0.002	<0.005	<0.01	<0.01	.36	<0.0002	<0.001	16.5	1.03	<0.009	<0.01

Sampling Location: MAGXGDXX04 (cont'd)

Date	AL-D	AS-D	CD-D	CR-D	CU-D	FE-D	HG-D	PB-D	MG-D	MN-D	SE-D	ZN-D
8/05/96	---	---	---	---	---	---	---	---	---	---	---	---

Sampling Location: MAGXGDXX07 (cont'd)

Date	AL-D	AS-D	CD-D	CR-D	CU-D	FE-D	HG-D	PB-D	MG-D	MN-D	SE-D	ZN-D
8/06/96	---	---	---	---	---	---	---	---	---	---	---	---

Sampling Location: MAGXGDXX09 (cont'd)

Date	AL-D	AS-D	CD-D	CR-D	CU-D	FE-D	HG-D	PB-D	MG-D	MN-D	SE-D	ZN-D
8/05/96	---	---	---	---	---	---	---	---	---	---	---	---

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Sampling Location: MAGCD-9111 (cont'd)

Date	AL-T	AS-T	CD-T	CR-T	CU-T	FE-T	HG-T	PB-T	MG-T	MN-T	SE-T	ZN-T
8/07/96	<0.05	<0.002	<0.005	<0.01	<0.01	.069	<0.0002	<0.001	26.6	.12	<0.009	.013

Sampling Location: MAGCI-9111 (cont'd)

Date	AL-T	AS-T	CD-T	CR-T	CU-T	FE-T	HG-T	PB-T	MG-T	MN-T	SE-T	ZN-T
8/06/96	.23	<0.002	<0.005	<0.01	<0.01	.55	<0.0002	<0.001	31	.06	<0.009	<0.01

Sampling Location: MAGDA-8305 (cont'd)

Date	AL-T	AS-T	CD-T	CR-T	CU-T	FE-T	HG-T	PB-T	MG-T	MN-T	SE-T	ZN-T
8/06/96	.13	<0.002	<0.005	<0.01	.015	.31	<0.0002	.003	93.2	.16	<0.009	<0.01

Sampling Location: MAGDD-8702 (cont'd)

Date	AL-T	AS-T	CD-T	CR-T	CU-T	FE-T	HG-T	PB-T	MG-T	MN-T	SE-T	ZN-T
8/06/96	.14	<0.002	<0.005	<0.01	<0.01	.13	<0.0002	.001	48	.2	<0.009	<0.01

Sampling Location: MAGDD-8703 (cont'd)

Date	AL-T	AS-T	CD-T	CR-T	CU-T	FE-T	HG-T	PB-T	MG-T	MN-T	SE-T	ZN-T
8/06/96	.053	<0.002	<0.005	<0.01	<0.01	.83	<0.0002	<0.001	12.9	.15	<0.009	<0.01

Sampling Location: MAGDD-8705 (cont'd)

Date	AL-T	AS-T	CD-T	CR-T	CU-T	FE-T	HG-T	PB-T	MG-T	MN-T	SE-T	ZN-T
8/07/96	---	---	---	---	---	---	---	---	---	---	---	---

Sampling Location: MAGDD-8715 (cont'd)

Date	AL-T	AS-T	CD-T	CR-T	CU-T	FE-T	HG-T	PB-T	MG-T	MN-T	SE-T	ZN-T
8/07/96	.84	<0.002	<0.005	<0.01	<0.01	1.41	<0.0002	.003	11.4	.23	<0.009	.045

Sampling Location: MAGDD-8716 (cont'd)

Date	AL-T	AS-T	CD-T	CR-T	CU-T	FE-T	HG-T	PB-T	MG-T	MN-T	SE-T	ZN-T
8/07/96	.14	.003	<0.005	<0.01	<0.01	.73	<0.0002	.006	22.7	.23	<0.009	<0.01

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Sampling Location: MAGDD-9114 (cont'd)

Date	AL-T	AS-T	CD-T	CR-T	CU-T	FE-T	HG-T	PB-T	MG-T	MN-T	SE-T	ZN-T
8/05/96	---	---	---	---	---	---	---	---	---	---	---	---

Sampling Location: MAGDI-8703 (cont'd)

Date	AL-T	AS-T	CD-T	CR-T	CU-T	FE-T	HG-T	PB-T	MG-T	MN-T	SE-T	ZN-T
8/06/96	.16	<0.002	<0.005	<0.01	<0.01	.16	<0.0002	.001	5.06	.07	<0.009	<0.01

Sampling Location: MAGDI-8705 (cont'd)

Date	AL-T	AS-T	CD-T	CR-T	CU-T	FE-T	HG-T	PB-T	MG-T	MN-T	SE-T	ZN-T
8/06/96	.48	.002	<0.01	<0.01	<0.01	2.43	<0.0002	.012	41.9	.12	<0.009	.022

Sampling Location: MAGDI-8707 (cont'd)

Date	AL-T	AS-T	CD-T	CR-T	CU-T	FE-T	HG-T	PB-T	MG-T	MN-T	SE-T	ZN-T
8/06/96	.37	<0.002	<0.005	<0.01	<0.01	1.21	<0.0002	.003	22.4	.12	<0.009	<0.01

Sampling Location: MAGDI-8715 (cont'd)

Date	AL-T	AS-T	CD-T	CR-T	CU-T	FE-T	HG-T	PB-T	MG-T	MN-T	SE-T	ZN-T
8/07/96	.59	<0.002	<0.005	<0.01	<0.01	1.15	<0.0002	.003	38.9	.11	<0.009	<0.01

Sampling Location: MAGDI-8716 (cont'd)

Date	AL-T	AS-T	CD-T	CR-T	CU-T	FE-T	HG-T	PB-T	MG-T	MN-T	SE-T	ZN-T
8/06/96	.38	<0.002	<0.005	<0.01	<0.01	2.33	<0.0002	.005	24.7	.14	<0.009	<0.01

Sampling Location: MAGDI-9114 (cont'd)

Date	AL-T	AS-T	CD-T	CR-T	CU-T	FE-T	HG-T	PB-T	MG-T	MN-T	SE-T	ZN-T
8/06/96	.46	.003	<0.005	<0.01	<0.01	1.43	<0.0002	.002	31.5	.093	<0.009	<0.01

Sampling Location: MAGDSH8703 (cont'd)

Date	AL-T	AS-T	CD-T	CR-T	CU-T	FE-T	HG-T	PB-T	MG-T	MN-T	SE-T	ZN-T
8/06/96	---	---	---	---	---	---	---	---	---	---	---	---

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Sampling Location: MAGDSH8705 (cont'd)

Date	AL-T	AS-T	CD-T	CR-T	CU-T	FE-T	HG-T	PB-T	MG-T	MN-T	SE-T	ZN-T
8/07/96	.29	<0.002	<0.005	<0.01	<0.01	.5	<0.0002	.003	36.2	<0.01	<0.009	.011

Sampling Location: MAGDSH8707 (cont'd)

Date	AL-T	AS-T	CD-T	CR-T	CU-T	FE-T	HG-T	PB-T	MG-T	MN-T	SE-T	ZN-T
8/07/96	.37	<0.002	<0.005	<0.01	<0.01	.67	<0.0002	.005	26.3	.13	<0.009	<0.01

Sampling Location: MAGDWSXX01 (cont'd)

Date	AL-T	AS-T	CD-T	CR-T	CU-T	FE-T	HG-T	PB-T	MG-T	MN-T	SE-T	ZN-T
8/06/96	.47	.013	<0.005	<0.01	<0.01	29.3	<0.0002	.003	42.9	.21	<0.009	.027

Sampling Location: MAGDXX7721 (cont'd)

Date	AL-T	AS-T	CD-T	CR-T	CU-T	FE-T	HG-T	PB-T	MG-T	MN-T	SE-T	ZN-T
8/06/96	1.03	.002	<0.005	<0.01	<0.01	1.9	<0.0002	.004	31	.13	<0.009	<0.01

Sampling Location: MAGDXX7731 (cont'd)

Date	AL-T	AS-T	CD-T	CR-T	CU-T	FE-T	HG-T	PB-T	MG-T	MN-T	SE-T	ZN-T
8/07/96	.058	<0.002	<0.005	<0.01	<0.01	1.84	<0.0002	.003	66.8	.12	<0.009	<0.01

Sampling Location: MAGDXX7741 (cont'd)

Date	AL-T	AS-T	CD-T	CR-T	CU-T	FE-T	HG-T	PB-T	MG-T	MN-T	SE-T	ZN-T
8/06/96	.2	<0.002	<0.005	<0.01	<0.01	.35	<0.0002	<0.001	151	<0.01	.338	<0.01

Sampling Location: MAGDXX8105 (cont'd)

Date	AL-T	AS-T	CD-T	CR-T	CU-T	FE-T	HG-T	PB-T	MG-T	MN-T	SE-T	ZN-T
8/06/96	.32	<0.002	<0.01	<0.01	<0.01	.54	<0.0002	.002	47.8	<0.01	<0.009	.061

Sampling Location: MAGDXX8106 (cont'd)

Date	AL-T	AS-T	CD-T	CR-T	CU-T	FE-T	HG-T	PB-T	MG-T	MN-T	SE-T	ZN-T
8/06/96	.17	<0.002	<0.005	<0.01	<0.01	.27	<0.0002	<0.001	165	.1	.051	.033

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Sampling Location: MAGDXX8213 (cont'd)

Date	AL-T	AS-T	CD-T	CR-T	CU-T	FE-T	HG-T	PB-T	MG-T	MN-T	SE-T	ZN-T
8/07/96	.38	<0.002	<0.005	<0.01	<0.01	.9	<0.0002	.002	32.3	.041	<0.009	<0.01

Sampling Location: MAGDXX8215 (cont'd)

Date	AL-T	AS-T	CD-T	CR-T	CU-T	FE-T	HG-T	PB-T	MG-T	MN-T	SE-T	ZN-T
8/07/96	1.48	.004	<0.005	<0.01	<0.01	3.57	<0.0002	.003	29.6	.088	<0.009	.011

Sampling Location: MAGDXX8301 (cont'd)

Date	AL-T	AS-T	CD-T	CR-T	CU-T	FE-T	HG-T	PB-T	MG-T	MN-T	SE-T	ZN-T
8/07/96	---	---	---	---	---	---	---	---	---	---	---	---

Sampling Location: MAGDXX8302 (cont'd)

Date	AL-T	AS-T	CD-T	CR-T	CU-T	FE-T	HG-T	PB-T	MG-T	MN-T	SE-T	ZN-T
8/06/96	.065	<0.002	<0.005	<0.01	<0.01	1.57	<0.0002	.003	47.4	.18	<0.009	<0.01

Sampling Location: MAGDXX8305 (cont'd)

Date	AL-T	AS-T	CD-T	CR-T	CU-T	FE-T	HG-T	PB-T	MG-T	MN-T	SE-T	ZN-T
8/06/96	.055	<0.002	<0.005	<0.01	<0.01	2.26	<0.0002	.001	84.1	.18	<0.009	<0.01

Sampling Location: MAGUD-8714 (cont'd)

Date	AL-T	AS-T	CD-T	CR-T	CU-T	FE-T	HG-T	PB-T	MG-T	MN-T	SE-T	ZN-T
8/05/96	---	---	---	---	---	---	---	---	---	---	---	---

Sampling Location: MAGUD-9001 (cont'd)

Date	AL-T	AS-T	CD-T	CR-T	CU-T	FE-T	HG-T	PB-T	MG-T	MN-T	SE-T	ZN-T
8/06/96	.13	.002	<0.005	<0.01	<0.01	1.06	<0.0002	.001	29	.092	.009	<0.01

Sampling Location: MAGUSH9001 (cont'd)

Date	AL-T	AS-T	CD-T	CR-T	CU-T	FE-T	HG-T	PB-T	MG-T	MN-T	SE-T	ZN-T
8/06/96	<0.05	<0.002	<0.005	<0.01	<0.01	.12	<0.0002	.004	29.7	.037	<0.009	<0.01

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Sampling Location: MAGUXX7712 (cont'd)

Date	AL-T	AS-T	CD-T	CR-T	CU-T	FE-T	HG-T	PB-T	MG-T	MN-T	SE-T	ZN-T
8/06/96	<0.05	<0.002	<0.005	<0.01	<0.01	.18	<0.0002	.002	32.3	.018	<0.009	.032

Sampling Location: MAGUXX8303 (cont'd)

Date	AL-T	AS-T	CD-T	CR-T	CU-T	FE-T	HG-T	PB-T	MG-T	MN-T	SE-T	ZN-T
8/07/96	InsfH2O	---	---	---	---	---	---	---	---	---	---	---

Sampling Location: MAGUXX8304 (cont'd)

Date	AL-T	AS-T	CD-T	CR-T	CU-T	FE-T	HG-T	PB-T	MG-T	MN-T	SE-T	ZN-T
8/06/96	2.29	.003	<0.005	<0.01	<0.01	3.52	<0.0002	.006	13.7	.73	<0.009	.031

Sampling Location: MAGXGDXX04 (cont'd)

Date	AL-T	AS-T	CD-T	CR-T	CU-T	FE-T	HG-T	PB-T	MG-T	MN-T	SE-T	ZN-T
8/05/96	.096	<0.002	<0.005	<0.01	<0.01	.015	<0.0002	.003	128	.24	.114	1.45

Sampling Location: MAGXGDXX07 (cont'd)

Date	AL-T	AS-T	CD-T	CR-T	CU-T	FE-T	HG-T	PB-T	MG-T	MN-T	SE-T	ZN-T
8/06/96	<0.05	<0.002	<0.005	<0.01	<0.01	.016	<0.0002	<0.001	141	<0.01	<0.009	.096

Sampling Location: MAGXGDXX09 (cont'd)

Date	AL-T	AS-T	CD-T	CR-T	CU-T	FE-T	HG-T	PB-T	MG-T	MN-T	SE-T	ZN-T
8/05/96	<0.05	<0.002	<0.005	<0.01	<0.01	<0.01	<0.0002	<0.001	99	<0.01	<0.009	.034

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MILLIKEN ASH DISPOSAL SITE
 Ground Water Elevations (feet amsl)

Date	MAGCD-9111	MAGCI-9111	MAGC9H9111	MAGDA-7742	MAGDA-8305	MAGDD-8702	MAGDD-8703	MAGDD-8705	MAGDD-8715	MAGDD-8716	MAGDD-9114	MAGDI-8703	MAGDI-8705	MAGDI-8707
7/15/96	786.70	792.86	793.01	722.50	711.10	709.78	596.38	677.60	674.69	695.83	725.43	651.98	697.96	727.44
8/05/96			791.51	722.30							728.09			
8/06/96		791.20			710.25	709.23	595.74					649.88	700.68	726.62
8/07/96	785.51				709.37	707.75	595.56	677.31	673.01	695.23		648.02	700.50	725.61
9/04/96	784.58	789.49	790.35	722.09				676.52	671.45	687.90	712.32			

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MILLIKEN ASH DISPOSAL SITE

Ground Water Elevations (feet amsl)

Date	MAGDI-8715	MAGDI-8716	MAGDI-9114	MAGDSH8703	MAGDSH8705	MAGDSH8707	MAGDSH9114	MAGDWSXK01	MAGDXX7721	MAGDXX7731	MAGDXX7741	MAGDXX7742	MAGDXX8105
7/15/96	676.20	690.88	747.37	653.61	715.77	728.31	748.01	-18.40	749.18	731.61	714.38	721.46	688.82
8/05/96							746.93					721.58	
8/06/96		690.44	746.60	651.80		726.44		-19.20	748.68		713.91		688.55
8/07/96	674.75				714.80					730.76			
9/04/96	673.00	690.15	745.90	651.17	713.73	724.59	745.95	-19.55	748.49	730.52	713.16	721.08	688.00

MILLIKEN ASH DISPOSAL SITE
 Ground Water Elevations (feet amsl)

Date	MAGDX8106	MAGDX8213	MAGDX8215	MAGDX8301	MAGDX8302	MAGDX8305	MAGIA-7732	MAGID-8602	MAGID-8606	MAGISH8602	MAGISH8606	MAGIXX7732	MAGIXX8708
7/15/96	714.75	755.43	738.23	692.04	691.13	710.75	740.08	805.51	805.39	808.91	795.83	744.36	
8/05/96							739.56	804.38	804.84	808.20		744.11	722.25
8/06/96	713.53				690.07	709.96							
8/07/96		754.63	737.52	691.05									
9/04/96	713.45	753.50	737.02	689.58	689.20	709.02	739.51	803.17	803.95	807.66	800.16	744.18	721.92

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MILIKEN ASH DISPOSAL SITE

Ground Water Elevations (feet amsl)

Date	MAGIXX8709	MAGIXX8711	MAGIXX8712	MAGIXX8713	MAGUD-8717	MAGUD-8714	MAGUD-9001	MAGUSH9001	MAGUXX7711	MAGUXX7712	MAGUXX8303	MAGUXX8304	MAGUXX8601
7/15/96	722.91	744.32	744.85	753.96	757.09	806.88	808.03	788.33	802.59	802.04	807.31	817.09	
8/05/96	722.80	744.15	744.27		756.70			784.87				815.15	
8/06/96						805.83	806.87		801.27		805.32		
8/07/96										797.70			
9/04/96	722.69	744.15	743.70	754.07	756.50	804.55	805.56	780.49	799.49	798.94	803.35	813.19	

4/29/97