UNIVERSITY OF ILLINOIS
Chicago • Springfield • Urbana-Champaign

University Office for Facilities Planning and Programs
306 Utilities Building
1100 South Morgan Street, MC-272
Chicago, IL 60607

April 20, 2004

RECEIVED
APR 22 2004
AIR ENFORCEMENT BRANCH,
U.S. EPA, REGION 5

Ms. Marie Mealman
Illinois Environmental Protection Agency
Bureau of Air, Air Quality Planning Section #39
1021 North Grand Avenue East
P.O. Box 19276
Springfield, IL 62794-9276

SUBJECT: 2003 CAAPP- ANNUAL EMISSION REPORT (ID# 031600 CRS) AND ANNUAL COMPLIANCE CERTIFICATION (FORM 401-CAAPP) UNIVERSITY OF ILLINOIS AT CHICAGO (UIC)

Dear Ms. Mealman:

The University of Illinois at Chicago (UIC) is submitting for your review the CAAPP Annual Emission Report and Annual Compliance Certification (form 401-CAAPP) for calendar year 2003.

Please contact me at (312) 996-7159 for any questions you may have regarding this submittal.

Sincerely yours,

Ann Thi Nguyen

Ann T. Nguyen, Ph.D., P.E.
Energy Manager of Utilities Operations.

AN/ls

Enclosures

c: Illinois EPA - Air Regional Field Office.
Illinois EPA - Air Permit Section.
US. EPA Region V - Air Branch (AR-17J), Air & Radiation Division.
UIC - Utilities Operations - K. Buric
UIC - Steam Plant - J. Motyka

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APR 22 2004

AIR ENFORCEMENT BRANCH
U.S. EPA, REGION 5

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF AIR POLLUTION CONTROL
COMPLIANCE AND SYSTEMS MANAGEMENT SECTION
1021 NORTH GRAND AVENUE EAST, P O. BOX 19276
SPRINGFIELD, ILLINOIS 62794-9276

CAAPP ANNUAL COMPLIANCE CERTIFICATION	FOR AGENCY USE ONLY
	ID NUMBER
	PERMIT #.
	DATE

THE CLEAN AIR ACT PERMIT PROGRAM (CAAPP) REQUIRES THAT EACH CAAPP PERMIT HOLDER SUBMIT AN ANNUAL COMPLIANCE CERTIFICATION FOR ALL EMISSION UNITS AT THE SOURCE AS REQUIRED BY 40 CFR 70 6 (c) (5), 39 5 (7) (p) (v) OF THE ENVIRONMENTAL PROTECTION ACT AND CAAPP PERMIT CONDITION 9 8 THE COMPLIANCE CERTIFICATION REPORTING PERIOD IS JANUARY 1 TO DECEMBER 31 AND IS DUE ON OR BEFORE MAY 1 FOR THE PRECEDING CALENDAR YEAR THIS CERTIFICATION FORM CAN BE USED BY FACILITIES TO SATISFY THIS REQUIREMENT

SOURCE INFORMATION

1) SOURCE NAME: UNIVERSITY OF ILLINOIS AT CHICAGO

2) SOURCE ADDRESS: 1100 S MORGAN STREET.

3) CITY. CHICAGO

4) COUNTY COOK

5) TOWNSHIP WEST

6) STATE ILLINOIS

7) ZIP CODE 60607

8) DATE FORM PREPARED. 04/20/2004

9) SOURCE ID NO.. 031600 CRS

10) CAAPP PERMIT NO : 96080077

11) CALENDAR YEAR OR REPORTING PERIOD COVERED BY THIS REPORT:

JANUARY 1, 2003 THROUGH DECEMBER 31, 2003

SOURCE COMPLIANCE INFORMATION

12) CHECK EITHER (a) OR (b) BELOW·

(a) X During the entire reporting period, this source was in **continuous** compliance with ALL terms and conditions contained in its CAAPP permit. The method used to determine compliance for each term and condition is the method specified in the permit.

(b) _____ With the exception of the items identified in Table 1 and Table 2, this source was in **continuous** compliance with all terms and conditions contained in the permit. The method used to determine compliance for each term and condition is the method specified in the permit, unless otherwise indicated.

NOTE: Table 1 must be completed for all units and activities regardless of compliance status. Table 2 must be completed for all sources of intermittent or continuous noncompliance with any permit condition.

ATTACHMENTS

13) Are you submitting any attachments with this report? Yes ☒ No ☐

If yes, please list the attachments below:

2003 CAAPP - ANNUAL EMISSION REPORT
(ID # 031600 CRS)

COMPLIANCE CERTIFICATION REPORT MAILING

14) In addition to submitting the Compliance Certification report to the Compliance and Systems Management Section (CASM), a copy of the Compliance Certification report must also be submitted to the USEPA Region 5 and the appropriate IEPA regional field office. Addresses are listed in condition 8.6 of your CAAPP permit.

Please check the appropriate boxes.

A copy of the Compliance Certification report has been submitted to USEPA.

Yes ☒ No ☐

A copy of the Compliance Certification report has been submitted to the appropriate IEPA regional field office.

Yes ☒ No ☐

SOURCE CONTACT PERSON

15) NAME OF TECHNICAL CONTACT PERSON FOR THIS REPORT:
ANN T. NGUYEN

16) TECHNICAL CONTACT PERSON TITLE	17) CONTACT PERSON'S TELEPHONE NUMBER:
ENERGY MANAGER	312-996-7159

COMPLIANCE STATEMENT AND SIGNATURE BLOCK

NOTE: A RESPONSIBLE OFFICIAL MUST SIGN THIS COMPLIANCE CERTIFICATION UNSIGNED COMPLIANCE CERTIFICATIONS WILL BE RETURNED AS INCOMPLETE

18) I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

AUTHORIZED SIGNATURE

BY: Ann Thi Nguyen — ENERGY MANAGER

AUTHORIZED SIGNATURE — TITLE OF SIGNATORY

ANN T. NGUYEN — 04 / 20 / 2004

TYPED OR PRINTED NAME OF SIGNATORY — DATE

Printed on Recycled Paper
401-CAAPP

Table 1. Listing of Compliance Status for Applicable Permit Terms and Conditions

Source Name	Source I.D. Number
UNIVERSITY OF ILLINOIS AT CHICAGO (UIC)	031600CRS

(1) Permit Condition Reference Number	(2) Description of Permit Condition	(3) Compliance Status Continuous "C" Intermittent "I" Noncompliance "N"	(4) Compliance Determination Method
3.0 Insignificant Activities	1. Six (6) storage tanks containing residual fuel oil #6, distillate oil, and lubricating oil for the generation of steam & power on west campus. 2. Three (3) emergency generators for university hospital uses.	C	1). 031600CRS CAAPP Operating Permit. 2). 35 IAC Sections: 201.210(a)(11)(15)(16).
7.1 Boilers	Three (3) natural gas/fuel oil # 6 fired boilers to generate steam for heating purposes and miscellaneous needs at west campus.	C	1). 031600CRS CAAPP Operating Permit. 2) 35 IAC Sections: 212.122 & 123(a); 212.206; 214.122 (b)(1) & 161(a); 216.121. 3). Section 39.5(7)(b) & (f)(ii).
7.2 Engines	Three (3) 5MW natural gas fired reciprocating engines (equipped with low temperature catalytic converters) to generate electricity for west campus.	C	1). 031600CRS CAAPP Operating Permit. 2). 35 IAC Sections: 203; 212.122 and 123; 214.301; 218.302,303, and 304. 3). 40 CFR 52.21. 4). Section 39.5 (7) (b) of the Act.
7.3 Turbines w/duct burners	Three (3) 7MW natural gas fired turbines (equipped with duct burners) to generate electricity and steam for west campus.	C	1). 031600CRS CAAPP Operating Permit. 2). 35 IAC Sections: 203, 212.123&124; 214.301; 218.302,303, and 304. 3). 40 CFR 52.21 - 40 CFR 60 Sections: 11(d); 332(a)(2) &(c); 60.333(a)(b); 60.334(b)(2), (c) 60.335(a)(c)(d)(e); Subparts A & GG. 4). Section 39.5(7)b,c,d,f(ii) of the Act.
7.4 Incinerator	A two chamber pathological waste Incinerator with a maximum charging waste design capacity 100lb/hr.	C	1). 031600CRS CAAPP Operating Permit. 2). 35 IAC Sections: 212.110 (a)(c)(e);181(d); and 216.101,141. 3). Section 39.5(7)(b)(e)(f)(ii) of the Act.

Table 2. Deviation Summary Report

Source Name	Source I.D. Number
UNIVERSITY OF ILLINOIS AT CHICAGO (UIC)	031600CRS

(1) Permit Condition Reference	(2) Description of Permit Condition	(3) Deviation Period Start Date	(4) Deviation Period End Date	(5) Description & Caused of Deviation	(6) Corrective Action(s) Taken to Remedy Deviation	(7) Measure Taken to Prevent Future Deviations

Illinois Environmental Protection Agency
Division of Air Pollution Control

Date: 12-30-2003

DAPC - ANNUAL EMISSIONS REPORT - 2003

031600CRS - University of Illinois - Chicago

- SOURCE DATA -

SOURCE IDS AND LOCATION

AIRS: 17-031-1611	IEPA USE ONLY	SIC 1: 8221		NAICS 1: 611310	
FINDS: ILD984864348	IEPA USE ONLY	SIC 2:		NAICS 2:	
FEIN:		SIC 3:		NAICS 3:	
D&B:		SIC 4:		NAICS 4:	
LATITUDE: 41:52:07.5072		SIC 5:		NAICS 5:	
LONGITUDE: 87:40:11.3520		SIC 6:		NAICS 6:	

SOURCE ADDRESS

University of Illinois - Chicago

Medical Center
1717 W Taylor
Chicago, IL 60607

CONTACT: Ann T Nguyen

PHONE: 312-996-7159 EXT:
FAX: 312-996-5143
EMAIL: tnguyen@uic.edu

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AIR ENFORCEMENT BRANCH, U.S. EPA, REGION 5

ANNUAL EMISSION REPORT MAILING ADDRESS

U of I - Chicago

Physical Plant (MC 272)
1100 S Morgan St Room 308
Chicago, IL 60607

CONTACT: Ann T Nguyen

PHONE: 312-996-7159 EXT:
FAX: 312-996-5143
E-MAIL: tnguyen@uic.edu

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete.

Ann Thi Nguyen
AUTHORIZED SIGNATURE

04/20/04
DATE

ANN T. NGUYEN
TYPED OR PRINTED NAME AND TITLE

312-996-7159
TELEPHONE NUMBER

Illinois Environmental Protection Agency
Division of Air Pollution Control

Date: 12-30-2003

DAPC - ANNUAL EMISSIONS REPORT - 2003

031600CRS - University of Illinois - Chicago

- ANNUAL SOURCE EMISSIONS -

POLLUTANT CODE	ALLOWABLE EMISSIONS (TONS/YEAR)	EMISSIONS REPORTED FOR 2002 (TONS/YEAR)	IEPA 2003 ESTIMATED EMISSIONS (TONS/YEAR)	SOURCE REPORTED EMISSIONS FOR 2003 (TONS/YEAR)
CO	253.013880	120.350500	206.789647	148.3719
NH3	1.748880	8.314800	0.682947	9.4488
NOX	552.117006	128.675000	303.083482	151.4115
PART	74.359602	42.552681	43.881077	22.0414
PM10	55.335462	19.410000	39.488273	22.0414
PM2.5	4.755912		1.461298	—
SO2	439.192392	13.311200	136.963038	25.3368
VOM	50.938946	23.463000	40.195916	17.7598

Illinois Environmental Protection Agency
Division of Air Pollution Control

Date: 12-30-2003

DAPC - ANNUAL EMISSIONS REPORT - 2003

31600CRS - University of Illinois - Chicago

- PERMIT LISTING -

PERMIT NUMBER	TYPE OF PERMIT	OPERATION NAME	STATUS	STATUS DATE	EXPIRES
96080077	TITLE V	UNIVERSITY CAMPUS	GRANTED	11-25-2002	06-19-2007
98100093	CONSTRUCTION	GAS TURBINES (3) AND NATURAL GAS ENGINES (3)	GRANTED	04-29-1999	

031600CRS - University of Illinois - Chicago

- FUEL COMBUSTION DATA -

POINT 0001 - BOILERS #1 AND #2 REMOVED

PERMIT: 96080077

BEGAN OPERATION: 03 / 1973

CEASED OPERATION: / 12/2001

SCC: 10300602

MODE 01 - GAS FIRING

DESCRIPTION CORRECTION:

PERCENT THROUGHPUTS: DEC - FEB: % 0 MAR - MAY: % 0
JUN - AUG: % 0 SEP - NOV: % 0

BEGAN OPERATION: 03 / 1973
CEASED OPERATION: / 12/2001

FUEL TYPE: 1 NATURAL GAS 0
INPUT (MMBTU/HR): 194.2 0

HEAT CONTENT: 1040 Btu/ft3
SULFUR CONTENT (%):
ASH CONTENT (%):
NITROGEN CONTENT (%):

UNITS: MILLION CUBIC FEET BURNED

UNITS: MILLION CUBIC FEET BURNED

ANNUAL OPERATION		PEAK OZONE SEASON OPERATION	
HOURS/DAY:	0	HOURS/DAY:	0
DAYS/WEEK:	0	DAYS/WEEK:	0
WEEKS/YEAR:	0	WEEKS/SEASON:	0
HOURS/YEAR:	0	HOURS/SEASON:	0
		START TIME:	
		END TIME:	0
RATE/HR:	0	RATE/HR:	0
CONFIDENTIAL:	0	CONFIDENTIAL:	0

DAPC - ANNUAL EMISSIONS REPORT - 2003

)31600CRS - University of Illinois - Chicago

- FUEL COMBUSTION DATA -

POINT 0001 - BOILERS #1 AND #2 REMOVED

PERMIT: 96080077

BEGAN OPERATION: 03 / 1973

CEASED OPERATION: / 12/2001

SCC: 10300602

MODE 01 - GAS FIRING

POLLUTANT CODE	METHOD IEPA REP	EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	EMISSION RATE (LB/HR) IEPA	EMISSION RATE (LB/HR) REPORTED
CO	3			5.1	0
NOX	3			20.38	0
PART	3			.9	0
PM10	3			.9	0
SO2	3			.16	0
VOM	3			.44	0

POLLUTANT CODE	METHOD IEPA REP	EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	OZONE SEASON EMISSION RATE (LB/HR) IEPA	OZONE SEASON EMISSION RATE (LB/HR) REPORTED

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0001 CAPTURE EFFICIENCY: 100.00 % 0

DAPC - ANNUAL EMISSIONS REPORT - 2003

31600CRS - University of Illinois - Chicago

- FUEL COMBUSTION DATA -

POINT 0001 - BOILERS #1 AND #2 REMOVED

PERMIT: 96080077

BEGAN OPERATION: 03 / 1973

CEASED OPERATION: / 12/2001

SCC: 10300401

MODE 02 - OIL FIRING

DESCRIPTION CORRECTION:

PERCENT THROUGHPUTS: DEC - FEB: % 0 MAR - MAY: % 0
JUN - AUG: % 0 SEP - NOV: % 0

BEGAN OPERATION: 03 / 1973

CEASED OPERATION: / 12/2001

FUEL TYPE: 24 RESIDUAL OIL #6 0

INPUT (MMBTU/HR): 194.2 0

HEAT CONTENT: 18985 Btu/lb 0

SULFUR CONTENT (%): 0.90 0

ASH CONTENT (%): 0.00 0

NITROGEN CONTENT (%): 0.00 0

UNITS: 1000 GALLONS BURNED

UNITS: 1000 GALLONS BURNED

ANNUAL OPERATION		PEAK OZONE SEASON OPERATION	
HOURS/DAY:	0	HOURS/DAY:	0
DAYS/WEEK:	0	DAYS/WEEK:	0
WEEKS/YEAR:	0	WEEKS/SEASON:	0
HOURS/YEAR:	0	HOURS/SEASON:	0
		START TIME:	0
		END TIME:	0
RATE/HR:	0	RATE/HR:	0
CONFIDENTIAL:	0	CONFIDENTIAL:	0

DAPC - ANNUAL EMISSIONS REPORT - 2003

31600CRS - University of Illinois - Chicago

- FUEL COMBUSTION DATA -

POINT 0001 - BOILERS #1 AND #2 REMOVED PERMIT: 96080077

BEGAN OPERATION: 03 / 1973 SCC: 10300401

CEASED OPERATION: / 12/2001

MODE 02 - OIL FIRING

POLLUTANT CODE	METHOD IEPA REP	EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	EMISSION RATE (LB/HR) IEPA	EMISSION RATE (LB/HR) REPORTED
CO	3			3	0
NOX	3			40.2	0
PART	3			7.74	0
PM10	3			3.22	0
PM2.5	3			1.192	0
SO2	3			93.26	0
VOM	3			.6	0

POLLUTANT CODE	METHOD IEPA REP	EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	OZONE SEASON EMISSION RATE (LB/HR) IEPA	OZONE SEASON EMISSION RATE (LB/HR) REPORTED

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0001 CAPTURE EFFICIENCY: 100.00 % 0

DAPC - ANNUAL EMISSIONS REPORT - 2003

)31600CRS - University of Illinois - Chicago

- FUEL COMBUSTION DATA -

POINT 0002 - BOILER #6 PERMIT: 96080077

BEGAN OPERATION: 03 / 1971 SCC: 10300401
CEASED OPERATION: /

MODE 02 - OIL FIRED

DESCRIPTION CORRECTION:

PERCENT THROUGHPUTS: DEC - FEB: 25.00 % MAR - MAY: 25.00 %
JUN - AUG: 25.00 % SEP - NOV: 25.00 %

BEGAN OPERATION: 03 / 1973
CEASED OPERATION: /

FUEL TYPE: 24 RESIDUAL OIL #6
INPUT (MMBTU/HR): 198

HEAT CONTENT: 18985 Btu/lb
SULFUR CONTENT (%): 0.90
ASH CONTENT (%): 0.00
NITROGEN CONTENT (%): 0.00

UNITS: 1000 GALLONS BURNED

UNITS: 1000 GALLONS BURNED

ANNUAL OPERATION		PEAK OZONE SEASON OPERATION	
HOURS/DAY:	0.0	HOURS/DAY:	0.0
DAYS/WEEK:	0.0	DAYS/WEEK:	0.0
WEEKS/YEAR:	0	WEEKS/SEASON:	0
HOURS/YEAR:	0	HOURS/SEASON:	0
		START TIME:	
		END TIME:	
RATE/HR:	0.0000	RATE/HR:	0.0000
CONFIDENTIAL:	N	CONFIDENTIAL:	N

DAPC - ANNUAL EMISSIONS REPORT - 2003

131600CRS - University of Illinois - Chicago

- FUEL COMBUSTION DATA -

POINT 0002 - BOILER #6 PERMIT: 96080077

BEGAN OPERATION: 03 / 1971 SCC: 10300401

CEASED OPERATION: /

MODE 02 - OIL FIRED

POLLUTANT CODE	METHOD IEPA	METHOD REP		EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	EMISSION RATE (LB/HR) IEPA	EMISSION RATE (LB/HR) REPORTED	
CO	3	3		5		2.5	0	0
NH3	3					.04		0
NOX	3	3		47		33.5	0	0
PART	3	3		11.49		6.45	0	0
PM10	3					2.683		0
PM2.5	3					.993		0
SO2	3	3		141.3		77.71	0	0
VOM	3	3		.28		.5	0	0

POLLUTANT CODE	METHOD IEPA	METHOD REP		EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	OZONE SEASON EMISSION RATE (LB/HR) IEPA	OZONE SEASON EMISSION RATE (LB/HR) REPORTED	
NOX		3		47			0	0
VOM		3		.28			0	0

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0008 CAPTURE EFFICIENCY: 100.00 %

031600CRS - University of Illinois - Chicago

- FUEL COMBUSTION DATA -

POINT 0002 - BOILER #6 PERMIT: 96080077

BEGAN OPERATION: 03 / 1971 SCC: 10300601
CEASED OPERATION: /

MODE 01 - GAS FIRED

DESCRIPTION CORRECTION:

PERCENT THROUGHPUTS: DEC - FEB: 0.00 % 70.08 MAR - MAY: 100.00 % 29.89
JUN - AUG: 0.00 % 0 SEP - NOV: 0.00 % 0.03

BEGAN OPERATION: 03 / 1971
CEASED OPERATION: /

FUEL TYPE: 1 NATURAL GAS
INPUT (MMBTU/HR): 198

HEAT CONTENT: 1040 Btu/ft3
SULFUR CONTENT (%):
ASH CONTENT (%):
NITROGEN CONTENT (%):

UNITS: MILLION CUBIC FEET BURNED

UNITS: MILLION CUBIC FEET BURNED

ANNUAL OPERATION			PEAK OZONE SEASON OPERATION		
HOURS/DAY:	24.0	24.0	HOURS/DAY:	0.0	0
DAYS/WEEK:	7.0	7.0	DAYS/WEEK:	0.0	0
WEEKS/YEAR:	18	2.56	WEEKS/SEASON:	0	0
HOURS/YEAR:	40	430	HOURS/SEASON:	0	0
			START TIME:		
			END TIME:		
RATE/HR:	0.0694	0.0773720	RATE/HR:	0.0000	0
CONFIDENTIAL:	N		CONFIDENTIAL:	N	

DAPC - ANNUAL EMISSIONS REPORT - 2003

31600CRS - University of Illinois - Chicago

- FUEL COMBUSTION DATA -

POINT 0002 - BOILER #6 PERMIT: 96080077

BEGAN OPERATION: 03 / 1971 SCC: 10300601

CEASED OPERATION: /

MODE 01 - GAS FIRED

POLLUTANT CODE	METHOD IEPA	METHOD REP		EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED		EMISSION RATE (LB/HR) IEPA	EMISSION RATE (LB/HR) REPORTED	
CO	3	3			84		.77	5.8317	6.4993
NH3	3	3			3.2		.06	.2222	0.2476
NOX	3	3			280		3.07	19.439	21.6642
PART	3	3			7.6		.14	.5276	0.5880
PM10	3						.14		0.5880
SO2	3	3			.6		.02	.0417	0.0464
VOM	3	3			5.5		.07	.3818	0.4255

POLLUTANT CODE	METHOD IEPA	METHOD REP		EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED		OZONE SEASON EMISSION RATE (LB/HR) IEPA	OZONE SEASON EMISSION RATE (LB/HR) REPORTED	
NOX		3			100			0	0
VOM		3			5.5			0	0

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0008 CAPTURE EFFICIENCY: 100.00 %

31600CRS - University of Illinois - Chicago

- FUEL COMBUSTION DATA -

POINT 0004 - BOILER #4 REMOVED

PERMIT: 96080077

BEGAN OPERATION: 03 / 1973

CEASED OPERATION: / 12/2001

SCC: 10300602

MODE 01 - GAS FIRED

DESCRIPTION CORRECTION:

PERCENT THROUGHPUTS: DEC - FEB: 69.75 % MAR - MAY: 30.25 %
JUN - AUG: 0.00 % SEP - NOV: 0.00 %

BEGAN OPERATION: 03 / 1973

CEASED OPERATION: / 12/2001

FUEL TYPE: 1 NATURAL GAS

INPUT (MMBTU/HR): 97.1

HEAT CONTENT: 1000 Btu/ft3

SULFUR CONTENT (%):

ASH CONTENT (%):

NITROGEN CONTENT (%):

UNITS: MILLION CUBIC FEET BURNED

UNITS: MILLION CUBIC FEET BURNED

ANNUAL OPERATION			PEAK OZONE SEASON OPERATION		
HOURS/DAY:	12.0	0	HOURS/DAY:	0.0	
DAYS/WEEK:	7.0	0	DAYS/WEEK:	0.0	
WEEKS/YEAR:	6	0	WEEKS/SEASON:	0	
HOURS/YEAR:	1,068	0	HOURS/SEASON:	0	
			START TIME:		
			END TIME:		
RATE/HR:	0.0282	0	RATE/HR:	0.0000	
CONFIDENTIAL:	N		CONFIDENTIAL:	N	

DAPC - ANNUAL EMISSIONS REPORT - 2003

31600CRS - University of Illinois - Chicago

- FUEL COMBUSTION DATA -

POINT 0004 - BOILER #4 REMOVED

PERMIT: 96080077

BEGAN OPERATION: 03 / 1973

CEASED OPERATION: / 12/2001

SCC: 10300602

MODE 01 - GAS FIRED

POLLUTANT CODE	METHOD IEPA	METHOD REP		EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED		EMISSION RATE (LB/HR) IEPA	EMISSION RATE (LB/HR) REPORTED	
CO	3	3			84		2.16	2.2376	0
NH3		3			~~.49~~			.0904	0
NOX	3	3			100		8.62	2.8246	0
PART	3	3			7.6		.38	.1865	0
PM10	3	3			7.6		.38	0	0
SO2	3	3			.6		.068	.0147	0
VOM	3	3			5.5		.191	.1349	0

POLLUTANT CODE	METHOD IEPA	METHOD REP		EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED		OZONE SEASON EMISSION RATE (LB/HR) IEPA	OZONE SEASON EMISSION RATE (LB/HR) REPORTED	
NOX		3			100			0	0
VOM		3			5.5			0	0

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0002 CAPTURE EFFICIENCY: 100.00 %

DAPC - ANNUAL EMISSIONS REPORT - 2003

31600CRS - University of Illinois - Chicago

- FUEL COMBUSTION DATA -

POINT 0004 - BOILER #4 REMOVED

PERMIT: 96080077

BEGAN OPERATION: 03 / 1973

CEASED OPERATION: / 12/2001

SCC: 10300401

MODE 02 - OIL FIRED

DESCRIPTION CORRECTION:

PERCENT THROUGHPUTS: DEC - FEB: 58.50 % 0 MAR - MAY: 41.50 % 0
JUN - AUG: 0.00 % 0 SEP - NOV: 0.00 % 0

BEGAN OPERATION: 03 / 1973

CEASED OPERATION: / 12/2001

FUEL TYPE: 24 RESIDUAL OIL #6

INPUT (MMBTU/HR): 97.1 0

HEAT CONTENT: 18985 Btu/lb

SULFUR CONTENT (%): 0.90

ASH CONTENT (%): 0.00

NITROGEN CONTENT (%): 0.00

UNITS: 1000 GALLONS BURNED

UNITS: 1000 GALLONS BURNED

ANNUAL OPERATION			PEAK OZONE SEASON OPERATION		
HOURS/DAY:	0.0		HOURS/DAY:	0.0	
DAYS/WEEK:	0.0		DAYS/WEEK:	0.0	
WEEKS/YEAR:	0		WEEKS/SEASON:	0	
HOURS/YEAR:	0		HOURS/SEASON:	0	
			START TIME:		
			END TIME:		
RATE/HR:	0.0000		RATE/HR:	0.0000	
CONFIDENTIAL:	N		CONFIDENTIAL:	N	

31600CRS - University of Illinois - Chicago

- FUEL COMBUSTION DATA -

POINT 0004 - BOILER #4 REMOVED PERMIT: 96080077

BEGAN OPERATION: 03 / 1973 SCC: 10300401

CEASED OPERATION: / 12/2001

MODE 02 - OIL FIRED

POLLUTANT CODE	METHOD IEPA	METHOD REP	EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	EMISSION RATE (LB/HR) IEPA	EMISSION RATE (LB/HR) REPORTED
CO	3	3	5		.65	0
NH3		3				0
NOX	3	3	47		8.65	0
PART	3	3	11.49		1.66	0
PM10	3				.691	
PM2.5	3				.256	
SO2	3	3	146.01		20.06	0
VOM	3	3	.28		.13	0

POLLUTANT CODE	METHOD IEPA	METHOD REP	EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	OZONE SEASON EMISSION RATE (LB/HR) IEPA	OZONE SEASON EMISSION RATE (LB/HR) REPORTED
NOX		3	47			0
VOM		3	.28			0

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0002 CAPTURE EFFICIENCY: 100.00 %

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- FUEL COMBUSTION DATA -

POINT 0005 - BOILER #5 PERMIT: 96080077

BEGAN OPERATION: 03 / 1973 SCC: 10300602
CEASED OPERATION: /

MODE 01 - GAS FIRED

DESCRIPTION CORRECTION:

PERCENT THROUGHPUTS: DEC - FEB: %38.63 MAR - MAY: %55.73
JUN - AUG: %1.71 SEP - NOV: %3.94

BEGAN OPERATION: 03 / 1973
CEASED OPERATION: /

FUEL TYPE: Natural gas
INPUT (MMBTU/HR): 97.1

HEAT CONTENT: 1040
SULFUR CONTENT (%):
ASH CONTENT (%):
NITROGEN CONTENT (%):

UNITS: MILLION CUBIC FEET BURNED

UNITS: MILLION CUBIC FEET BURNED

ANNUAL OPERATION		PEAK OZONE SEASON OPERATION	
HOURS/DAY:	24.0	HOURS/DAY:	0
DAYS/WEEK:	7.0	DAYS/WEEK:	0
WEEKS/YEAR:	2.88	WEEKS/SEASON:	0
HOURS/YEAR:	484.0	HOURS/SEASON:	0
		START TIME:	
		END TIME:	
RATE/HR:	0.053289	RATE/HR:	0
CONFIDENTIAL:	N	CONFIDENTIAL:	N

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31600CRS - University of Illinois - Chicago

- FUEL COMBUSTION DATA -

POINT 0005 - BOILER #5 PERMIT: 96080077

BEGAN OPERATION: 03 / 1973 SCC: 10300602
CEASED OPERATION: /

MODE 01 - GAS FIRED

POLLUTANT CODE	METHOD IEPA	METHOD REP		EMISSION FACTOR (lb/mmscf) IEPA	EMISSION FACTOR REPORTED	EMISSION RATE (LB/HR) IEPA	EMISSION RATE (LB/HR) REPORTED	
CO	3	3		84		2.24	4.1223	4.4763
NH3	3	3		3.2		.31	.157	0.1705
NOX	3	3		100		8.97	4.9075	5.3289
PART	3	3		7.6		.397	.373	0.4050
PM10	3					.397		0.4050
SO2	3	3		.6		.071	.0294	0.0320
VOM	3	3		5.5		.199	.2699	0.2931

POLLUTANT CODE	METHOD IEPA	METHOD REP		EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	OZONE SEASON EMISSION RATE (LB/HR) IEPA	OZONE SEASON EMISSION RATE (LB/HR) REPORTED	
NOX		3		100			4.9075	0
VOM		3		5.5			.2699	0

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0008 CAPTURE EFFICIENCY: 100.00 %

DAPC - ANNUAL EMISSIONS REPORT - 2003

31600CRS - University of Illinois - Chicago

- FUEL COMBUSTION DATA -

POINT 0005 - BOILER #5 PERMIT: 96080077

BEGAN OPERATION: 03 / 1973 SCC: 10300401
CEASED OPERATION: /

MODE 02 - OIL FIRED

DESCRIPTION CORRECTION:

PERCENT THROUGHPUTS: DEC - FEB: 25.00 % 61.70 MAR - MAY: 25.00 % 38.3
JUN - AUG: 25.00 % 0 SEP - NOV: 25.00 % 0

BEGAN OPERATION: 03 / 1973
CEASED OPERATION: /

FUEL TYPE: 24 RESIDUAL OIL #6
INPUT (MMBTU/HR): 97.1

HEAT CONTENT: 150000 Btu/gal
SULFUR CONTENT (%): 0.98
ASH CONTENT (%):
NITROGEN CONTENT (%):

UNITS: 1000 GALLONS BURNED

UNITS: 1000 GALLONS BURNED

ANNUAL OPERATION			PEAK OZONE SEASON OPERATION	
HOURS/DAY:	0.0	24.0	HOURS/DAY:	0
DAYS/WEEK:	0.0	6.0	DAYS/WEEK:	0
WEEKS/YEAR:	0	0.767	WEEKS/SEASON:	0
HOURS/YEAR:	0	145.0	HOURS/SEASON:	0
			START TIME:	
			END TIME:	
RATE/HR:	0.0000	0.504117	RATE/HR:	0
CONFIDENTIAL:	N	N	CONFIDENTIAL:	N

:1600CRS - University of Illinois - Chicago

- FUEL COMBUSTION DATA -

POINT 0005 - BOILER #5 PERMIT: 96080077

BEGAN OPERATION: 03 / 1973 SCC: 10300401
CEASED OPERATION: /

MODE 02 - OIL FIRED

POLLUTANT CODE	METHOD IEPA	METHOD REP		EMISSION FACTOR (lb/1000gal) IEPA	EMISSION FACTOR REPORTED	EMISSION RATE (LB/HR) IEPA		EMISSION RATE (LB/HR) REPORTED
CO	3	3		5		1.52	0	2.5206
NH3	3				0.8	.27		
NOX	3	3		47	55.0	20.3	0	27.7264
PART	3	3		11.49	7.72	3.91	0	3.8918
PM10	3				7.72	3.91		3.8918
PM2.5	3				—	.602		—
SO2	3	3		141.3		47.1	0	71.2318
VOM	3	3		.28		.3	0	0.1412

POLLUTANT CODE	METHOD IEPA	METHOD REP	EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	OZONE SEASON EMISSION RATE (LB/HR) IEPA	OZONE SEASON EMISSION RATE (LB/HR) REPORTED

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0008 CAPTURE EFFICIENCY: 100.00 %

Illinois Environmental Protection Agency
Division of Air Pollution Control

Date: 12-30-2003

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31600CRS - University of Illinois - Chicago

- FUEL COMBUSTION DATA -

POINT 0008 - BOILER #7

PERMIT: 96080077

BEGAN OPERATION: 02 / 1975

CEASED OPERATION: /

SCC: 10300602

MODE 01 - NATURAL GAS

DESCRIPTION CORRECTION:

PERCENT THROUGHPUTS: DEC - FEB: 17.27 % 100 MAR - MAY: 82.03 % 0
JUN - AUG: 0.00 % 0 SEP - NOV: 0.70 % 0

BEGAN OPERATION: 02 / 1975

CEASED OPERATION: /

FUEL TYPE: 1 NATURAL GAS

INPUT (MMBTU/HR): 90.5

HEAT CONTENT: 1000 Btu/ft3

SULFUR CONTENT (%):

ASH CONTENT (%):

NITROGEN CONTENT (%):

UNITS: MILLION CUBIC FEET BURNED

UNITS: MILLION CUBIC FEET BURNED

ANNUAL OPERATION				PEAK OZONE SEASON OPERATION	
HOURS/DAY:	24.0		24.0	HOURS/DAY:	0
DAYS/WEEK:	7.0		7.0	DAYS/WEEK:	0
WEEKS/YEAR:	3		1.04	WEEKS/SEASON:	0
HOURS/YEAR:	461		169.00	HOURS/SEASON:	0
				START TIME:	
				END TIME:	
RATE/HR:		0.0518	0.0601775	RATE/HR:	0
CONFIDENTIAL:	N			CONFIDENTIAL:	N

31600CRS - University of Illinois - Chicago

- FUEL COMBUSTION DATA -

POINT 0008 - BOILER #7 PERMIT: 96080077

BEGAN OPERATION: 02 / 1975 SCC: 10300602

CEASED OPERATION: /

MODE 01 - NATURAL GAS

POLLUTANT CODE	METHOD IEPA	REP	EMISSION FACTOR (lb/mmscf) IEPA	REPORTED	EMISSION RATE (LB/HR) IEPA	REPORTED
CO	3			84.0	2.19	5.054
NH3	3			3.2	.22	0.1926
NOX	3			100.0	8.76	6.0178
PART	3			7.6	.39	0.4573
PM10	3			7.6	.39	0.4573
SO2	3			0.6	.07	0.0361
VOM	3			5.5	.19	0.3310

POLLUTANT CODE	METHOD IEPA	REP	EMISSION FACTOR IEPA	REPORTED	OZONE SEASON EMISSION RATE (LB/HR) IEPA	REPORTED
						0

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0004 CAPTURE EFFICIENCY: 100.00 %

31600CRS - University of Illinois - Chicago

- FUEL COMBUSTION DATA -

POINT 0008 - BOILER #7 PERMIT: 96080077

BEGAN OPERATION: 02 / 1975 SCC: 10300401
CEASED OPERATION: /

MODE 02 - #6 FUEL OIL

DESCRIPTION CORRECTION:

PERCENT THROUGHPUTS: DEC - FEB: 50.00 % 0 MAR - MAY: 0.00 % 0
JUN - AUG: 0.00 % 0 SEP - NOV: 50.00 % 0

BEGAN OPERATION: /
CEASED OPERATION: /

FUEL TYPE: 24 RESIDUAL OIL #6
INPUT (MMBTU/HR): 90.5

HEAT CONTENT: 150000 Btu/gal
SULFUR CONTENT (%): 0.98
ASH CONTENT (%):
NITROGEN CONTENT (%):

UNITS: 1000 GALLONS BURNED

UNITS: 1000 GALLONS BURNED

ANNUAL OPERATION		PEAK OZONE SEASON OPERATION	
HOURS/DAY:	0.0	HOURS/DAY:	0.0
DAYS/WEEK:	0.0	DAYS/WEEK:	0.0
WEEKS/YEAR:	0	WEEKS/SEASON:	0
HOURS/YEAR:	0	HOURS/SEASON:	0
		START TIME:	
		END TIME:	
RATE/HR:	0.0000	RATE/HR:	0.0000
CONFIDENTIAL:	N	CONFIDENTIAL:	N

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31600CRS - University of Illinois - Chicago

- FUEL COMBUSTION DATA -

POINT 0008 - BOILER #7 PERMIT: 96080077

BEGAN OPERATION: 02 / 1975 SCC: 10300401

CEASED OPERATION: /

MODE 02 - #6 FUEL OIL

POLLUTANT CODE	METHOD IEPA	METHOD REP		EMISSION FACTOR (lb/1000gal) IEPA	EMISSION FACTOR REPORTED	EMISSION RATE (LB/HR) IEPA	EMISSION RATE (LB/HR) REPORTED	
CO	3	3			5	2.43	0	0
NH3	3				0.8	.5		0
NOX	3	3			55.0	32.62	0	0
PART	3	3			7.72	6.28	0	0
PM10	3	3			7.72	2.612	0	0
PM2.5	3				—	.967		0
SO2	3	3			141.3	75.67	0	0
VOM	3	3			0.28	.49	0	0

POLLUTANT CODE	METHOD IEPA	METHOD REP		EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	OZONE SEASON EMISSION RATE (LB/HR) IEPA	OZONE SEASON EMISSION RATE (LB/HR) REPORTED	
NOX		3					0	0
VOM		3					0	0

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0004 CAPTURE EFFICIENCY: 100.00 %

31600CRS - University of Illinois - Chicago

- FUEL COMBUSTION DATA -

POINT 0011 - GENERATOR #1 PERMIT: 96080077

BEGAN OPERATION: / 01/2002 SCC: 20200202
CEASED OPERATION: /

MODE 01 - NATURAL GAS

DESCRIPTION CORRECTION:

PERCENT THROUGHPUTS: DEC - FEB: 0.00 % 0.22 MAR - MAY: 50.00 % 4.02
JUN - AUG: 50.00 % 63.09 SEP - NOV: 0.00 % 32.67

BEGAN OPERATION: / 01/2002
CEASED OPERATION: /

FUEL TYPE: 1 NATURAL GAS
INPUT (MMBTU/HR): 17 44

HEAT CONTENT: 1000 Btu/ft3
SULFUR CONTENT (%):
ASH CONTENT (%):
NITROGEN CONTENT (%):

UNITS: MILLION CUBIC FEET BURNED

ANNUAL OPERATION				PEAK OZONE SEASON OPERATION			
HOURS/DAY:	24.0		24	HOURS/DAY:	24.0		24
DAYS/WEEK:	7.0		7	DAYS/WEEK:	7.0		7
WEEKS/YEAR:	13		18.38	WEEKS/SEASON:	6		11.55
HOURS/YEAR:	2,253		3088	HOURS/SEASON:	947		1940
				START TIME:			
				END TIME:			
RATE/HR:		0.0508	0.0500595	RATE/HR:		0.0487	0.05027
CONFIDENTIAL:	N			CONFIDENTIAL:	N		N

DAPC - ANNUAL EMISSIONS REPORT - 2003

31600CRS - University of Illinois - Chicago

- FUEL COMBUSTION DATA -

POINT 0011 - GENERATOR #1

PERMIT: 96080077

BEGAN OPERATION: / 01/2002

CEASED OPERATION: /

SCC: 20200202

MODE 01 -

POLLUTANT CODE	METHOD IEPA	REP		EMISSION FACTOR IEPA	REPORTED		EMISSION RATE (LB/HR) IEPA	REPORTED	
CO	2	4		6.52			6.52	5.89	6.52
NOX	2	4		7.24			7.24	7.21	7.24
PART	2	4		.74			.74	.27	
PM10	2						.74		0.74
SO2	2	4		4.23			4.23	4.29	4.23
VOM	2	4		4.69			4.69	.038	1.5

POLLUTANT CODE	METHOD IEPA	REP		EMISSION FACTOR IEPA	REPORTED		OZONE SEASON EMISSION RATE (LB/HR) IEPA	REPORTED	
NOX		4		7.24				7.21	7.24
VOM		4		4.69				.038	1.50

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0015 CAPTURE EFFICIENCY: 100.00 %

31600CRS - University of Illinois - Chicago

- FUEL COMBUSTION DATA -

POINT 0012 - 3 TURBINES PERMIT: 96080077

BEGAN OPERATION: / 01/2002 SCC: 20200201
CEASED OPERATION: /

MODE 01 -

DESCRIPTION CORRECTION:

PERCENT THROUGHPUTS: DEC - FEB: 25.00 % 32.42 MAR - MAY: 25.00 % 22.65
JUN - AUG: 25.00 % 20.17 SEP - NOV: 25.00 % 24.76

BEGAN OPERATION: / 01/2002
CEASED OPERATION: /

FUEL TYPE: 1 NATURAL GAS
INPUT (MMBTU/HR): 221

HEAT CONTENT: 1000 Btu/ft3
SULFUR CONTENT (%):
ASH CONTENT (%):
NITROGEN CONTENT (%):

UNITS: MILLION CUBIC FEET BURNED

UNITS: MILLION CUBIC FEET BURNED

ANNUAL OPERATION				PEAK OZONE SEASON OPERATION			
HOURS/DAY:	24.0		24	HOURS/DAY:	24.0		24
DAYS/WEEK:	7.0		7	DAYS/WEEK:	7.0		7
WEEKS/YEAR:	39		40.32	WEEKS/SEASON:	13		8.85
HOURS/YEAR:	5,737		20,319 (combine of 3 turbines)	HOURS/SEASON:	1,478		5016
				START TIME:			
				END TIME:			
RATE/HR:		0.2170	0.6821667	RATE/HR:		0.2170	0.055921
CONFIDENTIAL:	N			CONFIDENTIAL:	N		

DAPC - ANNUAL EMISSIONS REPORT - 2003

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- FUEL COMBUSTION DATA -

POINT 0012 - 3 TURBINES PERMIT: 96080077

BEGAN OPERATION: / 01/2002 SCC: 20200201

CEASED OPERATION: /

MODE 01 - NATURAL GAS

POLLUTANT CODE	METHOD IEPA	METHOD REP		EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	EMISSION RATE (LB/HR) IEPA	EMISSION RATE (LB/HR) REPORTED	
CO	2	4			.122	24.35	18.23	23,201
NH3		4			9.1		1.973	1,869
NOX	2	4			.1	19.96	14.9	19,017
PART	2					4.98		
PM10	2	4			.024	4.98	3.568	4,564
SO2	2	4			.945	1.875	.00052	0,829
VOM	2	4			.0098	1.955	1.4562	1,864

POLLUTANT CODE	METHOD IEPA	METHOD REP		EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	OZONE SEASON EMISSION RATE (LB/HR) IEPA	OZONE SEASON EMISSION RATE (LB/HR) REPORTED	
NOX		4			.1		14.9	15,540
VOM		4			.0098		1.4562	1,523

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0007 CAPTURE EFFICIENCY: 100.00 %

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31600CRS - University of Illinois - Chicago

- FUEL COMBUSTION DATA -

POINT 0013 - 3 DUCT BURNERS PERMIT: 96080077

BEGAN OPERATION: 01 / 2002 01/2002 SCC: 10200602
CEASED OPERATION: /

MODE 01 -

DESCRIPTION CORRECTION:

PERCENT THROUGHPUTS: DEC - FEB: %45.06 MAR - MAY: %27.37
JUN - AUG: %8.97 SEP - NOV: %18.60

BEGAN OPERATION: 01 / 2002 01/2002
CEASED OPERATION: /

FUEL TYPE: 1 NATURAL GAS
INPUT (MMBTU/HR): 264

HEAT CONTENT: 1000 Btu/ft3
SULFUR CONTENT (%):
ASH CONTENT (%):
NITROGEN CONTENT (%):

UNITS: MILLION CUBIC FEET BURNED

UNITS: MILLION CUBIC FEET BURNED

ANNUAL OPERATION		PEAK OZONE SEASON OPERATION	
HOURS/DAY:	24	HOURS/DAY:	24
DAYS/WEEK:	7	DAYS/WEEK:	7
WEEKS/YEAR:	33.84 (each)	WEEKS/SEASON:	5.39 each
HOURS/YEAR:	17,053 (Combined)	HOURS/SEASON:	2719 (combined
		START TIME:	
		END TIME:	
RATE/HR:	0.037447	RATE/HR:	0.0210720
CONFIDENTIAL:	N	CONFIDENTIAL:	N

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31600CRS - University of Illinois - Chicago

- FUEL COMBUSTION DATA -

POINT 0013 - 3 DUCT BURNERS PERMIT: 96080077

BEGAN OPERATION: 01 / 2002 SCC: 10200602

CEASED OPERATION: /

MODE 01 -

POLLUTANT CODE	METHOD IEPA REP	EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	EMISSION RATE (LB/HR) IEPA	EMISSION RATE (LB/HR) REPORTED
CO	2	0.08 lb/mmbtu		13.89	8.312 lb/hr
NOX	2	0.11 lb/mmbtu		19.1	11.429 lb/hr
PART	2	—		1.735	—
PM10	2	0.010 lb/mmbtu		1.735	1.039 lb/hr
SO2	2	0.0006 lb/mmscf		.105	0.00 lb/hr
VOM	2	0.019 lb/mmbtu		3.3	1.974 lb/hr

POLLUTANT CODE	METHOD IEPA REP	EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	OZONE SEASON EMISSION RATE (LB/HR) IEPA	OZONE SEASON EMISSION RATE (LB/HR) REPORTED
VOM		0.019 lb/mmbtu			1.080 lb/hr
NOX		0.11 lb/mmbtu			6.250 lb/hr.

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0009 CAPTURE EFFICIENCY: 100.00 %

DAPC - ANNUAL EMISSIONS REPORT - 2003

31600CRS - University of Illinois - Chicago

- FUEL COMBUSTION DATA -

POINT 0016 - GENERATOR #2 PERMIT: 96080077

BEGAN OPERATION: / 01/2002 SCC: 20200202
CEASED OPERATION: /

MODE 01 - NATURAL GAS

DESCRIPTION CORRECTION:

PERCENT THROUGHPUTS: DEC - FEB: %0.63 MAR - MAY: %5.41
JUN - AUG: %56.45 SEP - NOV: %37.51

BEGAN OPERATION: / 01/2002
CEASED OPERATION: /

FUEL TYPE: 1 NATURAL GAS
INPUT (MMBTU/HR): 17 44

HEAT CONTENT: 1000 Btu/ft3
SULFUR CONTENT (%):
ASH CONTENT (%):
NITROGEN CONTENT (%):

UNITS: MILLION CUBIC FEET BURNED

UNITS: MILLION CUBIC FEET BURNED

ANNUAL OPERATION		PEAK OZONE SEASON OPERATION	
HOURS/DAY:	24	HOURS/DAY:	24
DAYS/WEEK:	7	DAYS/WEEK:	7
WEEKS/YEAR:	17.75	WEEKS/SEASON:	9.98
HOURS/YEAR:	2,982	HOURS/SEASON:	1676
		START TIME:	
		END TIME:	
RATE/HR:	0.04997149	RATE/HR:	0.050186
CONFIDENTIAL:	N	CONFIDENTIAL:	N

31600CRS - University of Illinois - Chicago

- FUEL COMBUSTION DATA -

POINT 0016 - GENERATOR #2 PERMIT: 96080077

BEGAN OPERATION: / 01/2002 SCC: 20200202

CEASED OPERATION: /

MODE 01 - NATURAL GAS

POLLUTANT CODE	METHOD IEPA REP	EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	EMISSION RATE (LB/HR) IEPA	EMISSION RATE (LB/HR) REPORTED
CO	2			6.52	6.52
NOX	2			7.24	7.24
PART	2			.74	0.74
PM10	2			.74	0.74
SO2	2			4.23	4.16
VOM	2			4.69	1.40

POLLUTANT CODE	METHOD IEPA REP	EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	OZONE SEASON EMISSION RATE (LB/HR) IEPA	OZONE SEASON EMISSION RATE (LB/HR) REPORTED
VOM					1.40
NOX					7.24

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0010 CAPTURE EFFICIENCY: 100.00 %

31600CRS - University of Illinois - Chicago

- FUEL COMBUSTION DATA -

POINT 0017 - GENERATOR #3

PERMIT: 96080077

BEGAN OPERATION: / 01/2002

CEASED OPERATION: /

SCC: 20200202

MODE 01 -

DESCRIPTION CORRECTION:

PERCENT THROUGHPUTS: DEC - FEB: %0.01 MAR - MAY: %0.28
JUN - AUG: %42.76 SEP - NOV: %56.96

BEGAN OPERATION: / 01/2002

CEASED OPERATION: /

FUEL TYPE: 1 NATURAL GAS

INPUT (MMBTU/HR): 17

HH

HEAT CONTENT: 1000 Btu/ft3

SULFUR CONTENT (%):

ASH CONTENT (%):

NITROGEN CONTENT (%):

UNITS: MILLION CUBIC FEET BURNED

UNITS: MILLION CUBIC FEET BURNED

ANNUAL OPERATION		PEAK OZONE SEASON OPERATION	
HOURS/DAY:	24	HOURS/DAY:	24
DAYS/WEEK:	7	DAYS/WEEK:	7
WEEKS/YEAR:	13.21	WEEKS/SEASON:	5.60
HOURS/YEAR:	2220	HOURS/SEASON:	941
		START TIME:	
		END TIME:	
RATE/HR:	0.04714459	RATE/HR:	0.04668076
CONFIDENTIAL:	N	CONFIDENTIAL:	N

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31600CRS - University of Illinois - Chicago

- FUEL COMBUSTION DATA -

POINT 0017 - GENERATOR #3 PERMIT: 96080077

BEGAN OPERATION: / 01/2002 SCC: 20200202

CEASED OPERATION: /

MODE 01 -

POLLUTANT CODE	METHOD IEPA REP	EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	EMISSION RATE (LB/HR) IEPA	EMISSION RATE (LB/HR) REPORTED
CO	2			6.52	6.52
NOX	2			7.24	7.24
PART	2			.74	0.74
PM10	2			.74	0.74
SO2	2			4.23	4.16
VOM	2			4.69	1.20

POLLUTANT CODE	METHOD IEPA REP	EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	OZONE SEASON EMISSION RATE (LB/HR) IEPA	OZONE SEASON EMISSION RATE (LB/HR) REPORTED
VOM					1.20
NOX					7.24

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0011 CAPTURE EFFICIENCY: 100.00 %

DAPC - ANNUAL EMISSIONS REPORT - 2003

31600CRS - University of Illinois - Chicago

- PROCESS DATA -

POINT 0010 - INCINERATOR #1 — 909 (DOC) PERMIT: 96080077

BEGAN OPERATION: / 1989 SCC: 50200505

CEASED OPERATION: /

MODE 01 -

DESCRIPTION CORRECTION: INCINERATOR #1 - CREMATOR

PERCENT THROUGHPUTS: DEC - FEB: % 9 MAR - MAY: % 53

JUN - AUG: % 17 SEP - NOV: % 21

BEGAN OPERATION: / 1989

CEASED OPERATION: /

UNITS: TONS BURNED

UNITS: TONS BURNED

ANNUAL OPERATION		PEAK OZONE SEASON OPERATION	
HOURS/DAY:	8	HOURS/DAY:	8
DAYS/WEEK:	3	DAYS/WEEK:	3
WEEKS/YEAR:	17.20	WEEKS/SEASON:	8.25
HOURS/YEAR:	413	HOURS/SEASON:	198
		START TIME:	
PWR (LB/HR):	100	END TIME:	
		PWR (LB/HR):	100
RATE/HR:	0.01664	RATE/HR:	0.016659
CONFIDENTIAL:	N	CONFIDENTIAL:	N

31600CRS - University of Illinois - Chicago

- PROCESS DATA -

POINT 0010 - INCINERATOR #1 – 909 (DOC)

PERMIT: 96080077

BEGAN OPERATION: / 1989

CEASED OPERATION: /

SCC: 50200505

MODE 01 -

POLLUTANT CODE	METHOD IEPA REP	EMISSION FACTOR (lb/Ton burned) IEPA	EMISSION FACTOR (lb/Ton burned) REPORTED	EMISSION RATE (LB/HR) IEPA	EMISSION RATE (LB/HR) REPORTED
NOX	1		3.56	.0625	0.05926
PART	1		7.00	.05	0.116525
PM10	1		4.67	.032	0.077738
SO2	1		7.5	.015	0.124848
VOM	1		3.0	.0058	0.049939

POLLUTANT CODE	METHOD IEPA REP	EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	OZONE SEASON EMISSION RATE (LB/HR) IEPA	OZONE SEASON EMISSION RATE (LB/HR) REPORTED
VOM			3.00 lb/Ton burned		0.0499772

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0005 CAPTURE EFFICIENCY: 100.00 %

DAPC - ANNUAL EMISSIONS REPORT - 2003

31600CRS - University of Illinois - Chicago

- PROCESS DATA -

POINT 0014 - INCINERATOR #2 -DOB

PERMIT: 96080077

BEGAN OPERATION: 12 / 1996

CEASED OPERATION: / 2001

SCC: 50200505

MODE 01 -

DESCRIPTION CORRECTION:

PERCENT THROUGHPUTS: DEC - FEB: % 0 MAR - MAY: % 0
JUN - AUG: % 0 SEP - NOV: % 0

BEGAN OPERATION: / 1996

CEASED OPERATION: / 2001

UNITS: TONS BURNED

UNITS: TONS BURNED

ANNUAL OPERATION		PEAK OZONE SEASON OPERATION	
HOURS/DAY:	0	HOURS/DAY:	0
DAYS/WEEK:	0	DAYS/WEEK:	0
WEEKS/YEAR:	0	WEEKS/SEASON:	0
HOURS/YEAR:	0	HOURS/SEASON:	0
		START TIME:	0
PWR (LB/HR):	0	END TIME:	0
RATE/HR:	0	PWR (LB/HR):	0
CONFIDENTIAL:	0	RATE/HR:	0
		CONFIDENTIAL:	0

DAPC - ANNUAL EMISSIONS REPORT - 2003

31600CRS - University of Illinois - Chicago

- PROCESS DATA -

POINT 0014 - INCINERATOR #2 -DOB PERMIT: 96080077

BEGAN OPERATION: 12 / 1996 SCC: 50200505

CEASED OPERATION: / 2001

MODE 01 -

POLLUTANT CODE	METHOD IEPA REP	EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	EMISSION RATE (LB/HR) IEPA	EMISSION RATE (LB/HR) REPORTED
NOX	2			.021	0
PART	2			.017	0
PM10	2			.01	0
SO2	2			.017	0
VOM	2			.0064	0

POLLUTANT CODE	METHOD IEPA REP	EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	OZONE SEASON EMISSION RATE (LB/HR) IEPA	OZONE SEASON EMISSION RATE (LB/HR) REPORTED
VOM					0

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0013 CAPTURE EFFICIENCY: 100.00 %

DAPC - ANNUAL EMISSIONS REPORT - 2003

31600CRS - University of Illinois - Chicago

- PROCESS DATA -

POINT 0015 - INCINERATOR #3 ⇒ Not Applicable / West Campus has only (2) Two Pathological Waste Incinerators. PERMIT: 96080077

BEGAN OPERATION: 05 / 1978 SCC: 50200501

CEASED OPERATION: /

MODE 01 -

DESCRIPTION CORRECTION:

PERCENT THROUGHPUTS: DEC - FEB: % MAR - MAY: %
JUN - AUG: % SEP - NOV: %

BEGAN OPERATION: /

CEASED OPERATION: /

UNITS: TONS BURNED

UNITS: TONS BURNED

ANNUAL OPERATION		PEAK OZONE SEASON OPERATION	
HOURS/DAY:		HOURS/DAY:	
DAYS/WEEK:		DAYS/WEEK:	
WEEKS/YEAR:		WEEKS/SEASON:	
HOURS/YEAR:		HOURS/SEASON:	
		START TIME:	
PWR (LB/HR):		END TIME:	
RATE/HR:		PWR (LB/HR):	
CONFIDENTIAL:		RATE/HR:	
		CONFIDENTIAL:	

DAPC - ANNUAL EMISSIONS REPORT - 2003

31600CRS - University of Illinois - Chicago

Not Applicable

- PROCESS DATA -

POINT 0015 - INCINERATOR #3

PERMIT: 96080077

BEGAN OPERATION: 05 / 1978

CEASED OPERATION: /

SCC: 50200501

MODE 01 -

POLLUTANT CODE	METHOD IEPA REP	EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	EMISSION RATE (LB/HR) IEPA	EMISSION RATE (LB/HR) REPORTED
NOX	2			.016	
PART	2			.013	
PM10	2			.0085	
PM2.5	2			.0056	
SO2	2			.013	
VOM	2			.0049	

POLLUTANT CODE	METHOD IEPA REP	EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	OZONE SEASON EMISSION RATE (LB/HR) IEPA	OZONE SEASON EMISSION RATE (LB/HR) REPORTED

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0014 CAPTURE EFFICIENCY: 100.00 %

DAPC - ANNUAL EMISSIONS REPORT - 2003

31600CRS - University of Illinois - Chicago

- STACK DATA -

STACK 0001 - BOILERS #1 AND #2

BEGAN OPERATION: / 1973

CEASED OPERATION: / 12/2001

DESCRIPTION CORRECTION:

DIAMETER (FT):		5.00		
HEIGHT (FT):		215		
FLOW RATE (ACFM):	IEPA -	20000	REPORTED -	
TEMPERATURE (F):	IEPA -	315	REPORTED -	
LATITUDE (DD:MM:SS.SSSS):		41:52:07.5072		
LONGITUDE (DD:MM:SS.SSSS):		87:40:11.3520		
DATUM :		NAD27		
SCALE :				
METHOD:				
ACCURACY :				
WHERE MEASURED :				

DAPC - ANNUAL EMISSIONS REPORT - 2003

31600CRS - University of Illinois - Chicago

- STACK DATA -

STACK 0002 - BOILERS #3 AND #4

BEGAN OPERATION: / 1973
CEASED OPERATION: / 05/2002

DESCRIPTION CORRECTION:

DIAMETER (FT):		5.00		
HEIGHT (FT):		215		
FLOW RATE (ACFM):	IEPA -	20000	REPORTED -	
TEMPERATURE (F):	IEPA -	315	REPORTED -	
LATITUDE (DD:MM:SS.SSSS):		41:52:07.5072		
LONGITUDE (DD:MM:SS.SSSS):		87:40:11.3520		
DATUM :		NAD27		
SCALE :				
METHOD:				
ACCURACY :				
WHERE MEASURED :				

DAPC - ANNUAL EMISSIONS REPORT - 2003

31600CRS - University of Illinois - Chicago

- STACK DATA -

STACK 0004 - BOILER #7

BEGAN OPERATION: / 1988

CEASED OPERATION: /

DESCRIPTION CORRECTION:

DIAMETER (FT):		7.17		
HEIGHT (FT):		80		
FLOW RATE (ACFM):	IEPA -	.20000	REPORTED -	
TEMPERATURE (F):	IEPA -	300	REPORTED -	
LATITUDE (DD:MM:SS.SSSS):		41:52:07.5072		
LONGITUDE (DD:MM:SS.SSSS):		87:40:11.3520		
DATUM :		NAD27		
SCALE :				
METHOD:				
ACCURACY :				
WHERE MEASURED :				

31600CRS - University of Illinois - Chicago

- STACK DATA -

STACK 0005 - INCINERATOR STACK (909)

BEGAN OPERATION: / 1989

CEASED OPERATION: /

DESCRIPTION CORRECTION:

DIAMETER (FT):		1.60		
HEIGHT (FT):		171		
FLOW RATE (ACFM):	IEPA -	2033	REPORTED -	
TEMPERATURE (F):	IEPA -	631	REPORTED -	
LATITUDE (DD:MM:SS.SSSS):		41:52:07.5072		
LONGITUDE (DD:MM:SS.SSSS):		87:40:11.3520		
DATUM :		NAD27		
SCALE :				
METHOD:				
ACCURACY :				
WHERE MEASURED :				

31600CRS - University of Illinois - Chicago

- STACK DATA -

STACK 0007 - TURBINES

BEGAN OPERATION: / 01/2002
CEASED OPERATION: /

DESCRIPTION CORRECTION:

DIAMETER (FT):		0.33		
HEIGHT (FT):		33		
FLOW RATE (ACFM):	IEPA -	2	REPORTED -	
TEMPERATURE (F):	IEPA -	69	REPORTED -	
LATITUDE (DD:MM:SS.SSSS):		41:52:07.5072		
LONGITUDE (DD:MM:SS.SSSS):		87:40:11.3520		
DATUM :		NAD27		
SCALE :				
METHOD:				
ACCURACY :				
WHERE MEASURED :				

DAPC - ANNUAL EMISSIONS REPORT - 2003

31600CRS - University of Illinois - Chicago

- STACK DATA -

STACK 0008 - BOILERS #5 AND #6

BEGAN OPERATION: / 1973
CEASED OPERATION: /

DESCRIPTION CORRECTION:

DIAMETER (FT):		5.00		
HEIGHT (FT):		80		
FLOW RATE (ACFM):	IEPA -	20000	REPORTED -	
TEMPERATURE (F):	IEPA -	315	REPORTED -	
LATITUDE (DD:MM:SS.SSSS):		41:52:07.5072		
LONGITUDE (DD:MM:SS.SSSS):		87:40:11.3520		
DATUM :		NAD27		
SCALE :				
METHOD:				
ACCURACY :				
WHERE MEASURED :				

31600CRS - University of Illinois - Chicago

- STACK DATA -

STACK 0009 - DUCT BURNERS

BEGAN OPERATION: / 01/2002
CEASED OPERATION: /

DESCRIPTION CORRECTION:

DIAMETER (FT):		3.70		
HEIGHT (FT):		65		
FLOW RATE (ACFM):	IEPA -	17345	REPORTED -	
TEMPERATURE (F):	IEPA -	361	REPORTED -	
LATITUDE (DD:MM:SS.SSSS):		41:52:07.5072		
LONGITUDE (DD:MM:SS.SSSS):		87:40:11.3520		
DATUM :		NAD27		
SCALE :				
METHOD:				
ACCURACY :				
WHERE MEASURED :				

31600CRS - University of Illinois - Chicago

- STACK DATA -

STACK 0010 - GENERATOR #2

BEGAN OPERATION: / 01/2002
CEASED OPERATION: /

DESCRIPTION CORRECTION:

DIAMETER (FT):		0.33		
HEIGHT (FT):		33		
FLOW RATE (ACFM):	IEPA -	2	REPORTED -	
TEMPERATURE (F):	IEPA -	69	REPORTED -	
LATITUDE (DD:MM:SS.SSSS):		41:52:07.5072		
LONGITUDE (DD:MM:SS.SSSS):		87:40:11.3520		
DATUM :		NAD27		
SCALE :				
METHOD:				
ACCURACY :				
WHERE MEASURED :				

31600CRS - University of Illinois - Chicago

- STACK DATA -

STACK 0011 - GENERATOR #3

BEGAN OPERATION: / 01/2002
CEASED OPERATION: /

DESCRIPTION CORRECTION:

DIAMETER (FT):		0.33		
HEIGHT (FT):		33		
FLOW RATE (ACFM):	IEPA -	2	REPORTED -	
TEMPERATURE (F):	IEPA -	69	REPORTED -	
LATITUDE (DD:MM:SS.SSSS):		41:52:07.5072		
LONGITUDE (DD:MM:SS.SSSS):		87:40:11.3520		
DATUM :		NAD27		
SCALE :				
METHOD:				
ACCURACY :				
WHERE MEASURED :				

31600CRS - University of Illinois - Chicago

- STACK DATA -

STACK 0013 - INCINERATOR #2 —DOB

BEGAN OPERATION: / 12/1996
CEASED OPERATION: / 2001

DESCRIPTION CORRECTION:

DIAMETER (FT):				
HEIGHT (FT):		177		
FLOW RATE (ACFM):	IEPA -	1000	REPORTED -	
TEMPERATURE (F):	IEPA -	600	REPORTED -	
LATITUDE (DD:MM:SS.SSSS):		41:52:07.5072		
LONGITUDE (DD:MM:SS.SSSS):		87:40:11.3520		
DATUM :		NAD27		
SCALE :				
METHOD:				
ACCURACY :				
WHERE MEASURED :				

:1600CRS - University of Illinois - Chicago

- STACK DATA -

STACK 0014 - INCINERATOR #3 Not Applicable. UIC West Campus has only two (2) pathological Waste Incinerators

BEGAN OPERATION: /

CEASED OPERATION: /

DESCRIPTION CORRECTION:

DIAMETER (FT):		1.66		
HEIGHT (FT):		177		
FLOW RATE (ACFM):	IEPA -	1200	REPORTED -	
TEMPERATURE (F):	IEPA -	300	REPORTED -	
LATITUDE (DD:MM:SS.SSSS):		41:52:07.5072		
LONGITUDE (DD:MM:SS.SSSS):		87:40:11.3520		
DATUM :		NAD27		
SCALE :				
METHOD:				
ACCURACY :				
WHERE MEASURED :				

31600CRS - University of Illinois - Chicago

- STACK DATA -

STACK 0015 - GENERATOR #1

BEGAN OPERATION: / 01/2002
CEASED OPERATION: /

DESCRIPTION CORRECTION:

DIAMETER (FT):		1.50		
HEIGHT (FT):		88		
FLOW RATE (ACFM):	IEPA -	2	REPORTED -	
TEMPERATURE (F):	IEPA -	69	REPORTED -	
LATITUDE (DD:MM:SS.SSSS):		41:52:07.5072		
LONGITUDE (DD:MM:SS.SSSS):		87:40:11.3520		
DATUM :		NAD27		
SCALE :				
METHOD:				
ACCURACY :				
WHERE MEASURED :				

.600CRS - UNIVERSITY OF ILLINOIS - CHICAGO

- STORAGE TANK DATA -

POINT 0007 - 2-#6 OIL UNDERGROUND STORAGE TANKS, 50,000 GAL EA (TWO TANKS- DIVIDED BY A WALL)

BEGAN OPERATION: 01 / 2001
CEASED OPERATION: /

TANK TYPE:

CAPACITY :	50000 gal		TEMPERATURE (F):	120	
DIAMETER (FT):	12.0		ROOF COLOR:	BLACK	
HEIGHT (FT):	20		SHELL COLOR:	BLACK	
LENGTH (FT):	60		ROOF PAINT CONDITION:	GOOD	
VAPOR SPACE (FT):	2		SHELL PAINT CONDITION:	GOOD	

LOCATION: WEST OF STEAM PLANT

SEAL TYPE: DOUBLE WALL STEEL

SUPPORT TYPE: CONCRETE PADS,STRAPS, ANCHOR BOLTS AND BACKFILL MA

MATERIAL	MWT	VP (psia)	DENSITY	THROUGHPUTS ANNUAL(gallons)		PEAK OZONE(gallons)	
FUEL OIL #6	370.00	0.10	8.29	3886711	73,097	0	0

DAPC - ANNUAL EMISSIONS REPORT - 2003

.600CRS - UNIVERSITY OF ILLINOIS - CHICAGO

- STORAGE TANK DATA -

POINT 0007 - 2-#6 OIL UNDERGROUND STORAGE TANKS, 50,000 GAL EA (TWO TANKS- DIVIDED BY A WALL)

PERMIT:

SCC: 40400498

MODE 02 - BREATHING LOSSES

DESCRIPTION CORRECTION:

PERCENT THROUGHPUTS: DEC - FEB: 25.00 % 61.7 MAR - MAY: 25.00 % 38.3
JUN - AUG: 25.00 % 0 SEP - NOV: 25.00 % 0

BEGAN OPERATION: ~~02 / 1988~~ 01/2001
CEASED OPERATION: /

UNITS: 1000 GALLONS THROUGHPUT

UNITS: 1000 GALLONS THROUGHPUT

ANNUAL OPERATION			PEAK OZONE SEASON OPERATION		
HOURS/DAY:	24.0		HOURS/DAY:	0.0	0
DAYS/WEEK:	7.0		DAYS/WEEK:	0.0	0
WEEKS/YEAR:	29		WEEKS/SEASON:	0	0
HOURS/YEAR:	6,528	145	HOURS/SEASON:	0	0
			START TIME:		
			END TIME:		
RATE/HR:	0.5954	0.5041	RATE/HR:	0.0000	0
CONFIDENTIAL:	N		CONFIDENTIAL:	N	

.600CRS - UNIVERSITY OF ILLINOIS - CHICAGO

- STORAGE TANK DATA -

POINT 0007 - 2-#6 OIL UNDERGROUND STORAGE TANKS, 50,000 GAL EA (TWO TANKS- DIVIDED BY A WALL)

PERMIT:

SCC: 40400498

MODE 02 - BREATHING LOSSES

POLLUTANT CODE	METHOD IEPA	METHOD REP		EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED		EMISSION RATE (LB/HR) IEPA	EMISSION RATE (LB/HR) REPORTED	
CO		3			5			0	
NOX		3						0	
PART		3						0	
VOM		3			1.13	0.39 LB/MGAL		.6278	0.19661

POLLUTANT CODE	METHOD IEPA	METHOD REP		EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED		OZONE SEASON EMISSION RATE (LB/HR) IEPA	OZONE SEASON EMISSION RATE (LB/HR) REPORTED	
NOX	3	3					0	0	0
VOM	3	3		1.13	1.13		.6278	.6278	0

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0004 CAPTURE EFFICIENCY: 100.00 %

.600CRS - UNIVERSITY OF ILLINOIS - CHICAGO

- STORAGE TANK DATA -

POINT 0007 - 2-#6 OIL UNDERGROUND STORAGE TANKS, 50,000 GAL EA (TWO TANKS- DIVIDED BY A WALL)

PERMIT:

BEGAN OPERATION: 01 / 2001

CEASED OPERATION: /

TANK TYPE:

CAPACITY :	50000 gal	TEMPERATURE (F):	120	
DIAMETER (FT):	12.0	ROOF COLOR:	BLACK	
HEIGHT (FT):	20	SHELL COLOR:	BLACK	
LENGTH (FT):	60	ROOF PAINT CONDITION:	GOOD	
VAPOR SPACE (FT):	2	SHELL PAINT CONDITION:	GOOD	

LOCATION: WEST OF STEAM PLANT

SEAL TYPE: DOUBLE WALL STEEL

SUPPORT TYPE: CONCRETE PADS,STRAPS, ANCHOR BOLTS AND BACKFILL MA

MATERIAL	MWT	VP (psia)	DENSITY	THROUGHPUTS ANNUAL(gallons)	THROUGHPUTS PEAK OZONE(gallons)
FUEL OIL #6	370.00	0.10	8.29	3886711 73097	0 0

600CRS - UNIVERSITY OF ILLINOIS - CHICAGO

- STORAGE TANK DATA -

POINT 0007 - 2-#6 OIL UNDERGROUND STORAGE TANKS, 50,000 GAL EA (TWO TANKS- DIVIDED BY A WALL)

PERMIT:

SCC: 40400498

MODE 01 - WORKING LOSSES

DESCRIPTION CORRECTION:

PERCENT THROUGHPUTS: DEC - FEB: 25.00 % 61.7 MAR - MAY: 25.00 % 38.3
JUN - AUG: 25.00 % 0 SEP - NOV: 25.00 % 0

BEGAN OPERATION: 01 / 2001
CEASED OPERATION: /

UNITS: 1000 GALLONS THROUGHPUT

UNITS: 1000 GALLONS THROUGHPUT

ANNUAL OPERATION			PEAK OZONE SEASON OPERATION		
HOURS/DAY:	24.0	^	HOURS/DAY:	0.0	0
DAYS/WEEK:	7.0		DAYS/WEEK:	0.0	0
WEEKS/YEAR:	39	1	WEEKS/SEASON:	0	0
HOURS/YEAR:	6,528	145	HOURS/SEASON:	0	0
			START TIME:		
			END TIME:		
RATE/HR:	0.5984	0.5041	RATE/HR:	0.0000	0
CONFIDENTIAL:	N		CONFIDENTIAL:	N	

600CRS - UNIVERSITY OF ILLINOIS - CHICAGO

- STORAGE TANK DATA -

POINT 0007 - 2-#6 OIL UNDERGROUND STORAGE TANKS, 50,000 GAL EA (TWO TANKS- DIVIDED BY A WALL) PERMIT:

SCC: 40400498

MODE 01 - WORKING LOSSES

POLLUTANT CODE	METHOD IEPA	METHOD REP	EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	EMISSION RATE (LB/HR) IEPA	EMISSION RATE (LB/HR) REPORTED	
CO	3	3			3.2	0	
NOX	3	3			12.6	0	
PART	3	3			.5	0	
SO2	3	3			.1	0	
VOM	3	3		0.21 LB/MGAL	.3	.1191	0.10586

OZONE SEASON

POLLUTANT CODE	METHOD IEPA	METHOD REP	EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	EMISSION RATE (LB/HR) IEPA	EMISSION RATE (LB/HR) REPORTED	
VOM	3	3			0	0	0

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0004 CAPTURE EFFICIENCY: 100.00 %

031600CRS - 2003 ANNUAL EMISSION REPORT
JANUARY 1, 2003 THROUGH DECEMBER 31, 2003

TOTAL AIR EMISSION (TONS/YR.)

	GAS CONSUMED (MMSCF)	ELECTRICAL OUTPUT (MWHR)	OPERATING HOURS	CO (tons/yr)	NOX (tons/yr)	PM10 (tons/yr)	VOM (tons/yr)	SO2 (tons/yr)	NH3 (AMMONIA) (tons/yr.)
Engine #1	154.5850	15,268	3,088	10.0669	11.1786	1.1426	2.3160	6.4628	0.7034
Engine #2	149.0150	14,685	2,982	9.7213	10.7948	1.1033	2.0874	6.2160	0.6780
Engine#3	104.6610	10,928	2,220	7.2372	8.0364	0.8214	1.1033	4.6257	0.4762
Turbine #1	472.7030	47,001	6,944	26.7011	21.8861	5.2527	2.1448	1.3367	2.1508
Turbine #2	451.1580	44,919	6,621	25.4841	20.8886	5.0133	2.0471	0.7416	2.0528
Turbine #3	467.0770	46,515	6,754	26.3833	21.6257	5.1902	2.1193	0.7429	2.1252
Burner #1	205.9050		5,480	7.6267	10.4867	0.9533	1.8113	0.0001	0.3294
Burner #2	190.2640		5,195	7.0474	9.6901	0.8809	1.6738	0.0001	0.3044
Burner #3	242.4150		6,378	8.9791	12.3462	1.1224	2.1325	0.0001	0.3879
Boiler #5	25.7920		484	1.2660	3.2998	0.3802	0.0812	5.1720	0.0705
Boiler #6	33.2700		430	1.3973	4.6578	0.1264	0.0915	0.0100	0.0532
Boiler #7	10.1700		169	0.4271	0.5085	0.0386	0.0280	0.0031	0.1170
Incinerator #1			413	0.0344	0.0122	0.0161	0.0103	0.0258	
Incinerator #2			0	0.0000	0.0000	0.0000	0.0000	0.0000	
USTs #1 &#2							0.1133		
TOTAL	**2,507.0150**	**179,316**	**47,174**	**148.3719**	**151.4115**	**22.0414**	**17.7598**	**25.3368**	**9.4488**

031600CRS - 2003 ANNUAL EMISSION REPORT
JANUARY 1, 2003 THROUGH DECEMBER 31, 2003
FUEL USAGE & OPERATING HOURS OF BOILERS IN BUILDING #921

		BLR. #5	BLR. #6	BLR. #7	TOTAL
JANUARY	GAS/MMCF	7.2840	14 0670	8.4680	29.8190
	HOURS/GAS	168	194	136	498
	OIL/MGALS	0.0000	0.0000	0.0000	0.0000
	HOURS/OIL	0	0	0	0
FEBRUARY	GAS/MMCF	1 8480	9 2480	1 7020	12.7980
	HOURS/GAS	31	138	33	202
	OIL/MGALS	45.0950	0.0000	0.0000	45.0950
	HOURS/OIL	85.00	0.00	0.00	85.00
MARCH	GAS/MMCF	6 3270	9.9450	0 0000	16.2720
	HOURS/GAS	112	98	0	210
	OIL/MGALS	28.0020	0.0000	0.0000	28.0020
	HOURS/OIL	60	0	0	60
APRIL	GAS/MMCF	7.2330	0.0000	0.0000	7.2330
	HOURS/GAS	144	0	0	144
	OIL/MGALS	0.0000	0.0000	0.0000	0.0000
	HOURS/OIL	0	0	0	0
MAY	GAS/MMCF	0.8130	0 0000	0 0000	0.8130
	HOURS/GAS	9	0	0	9
	OIL/MGALS	0.0000	0.0000	0.0000	0.0000
	HOURS/OIL	0	0	0	0
JUNE	GAS/MMCF	0.4400	0.0000	0.0000	0.4400
	HOURS/GAS	0	0	0	0
	OIL/MGALS	0.0000	0.0000	0.0000	0.0000
	HOURS/OIL	0	0	0	0
JULY	GAS/MMCF	0 0000	0.0000	0.0000	0.0000
	HOURS/GAS	0	0	0	0
	OIL/MGALS	0.0000	0.0000	0.0000	0.0000
	HOURS/OIL	0	0	0	0
AUGUST	GAS/MMCF	0 0000	0 0000	0.0000	0.0000
	HOURS/GAS	0	0	0	0
	OIL/MGALS	0.0000	0.0000	0.0000	0.0000
	HOURS/OIL	0	0	0	0
SEPTEMBER	GAS/MMCF	0 0000	0.0000	0.0000	0.0000
	HOURS/GAS	0	0	0	0
	OIL/MGALS	0.0000	0.0000	0.0000	0.0000
	HOURS/OIL	0	0	0	0
OCTOBER	GAS/MMCF	0.0000	0.0000	0.0000	0.0000
	HOURS/GAS	0	0	0	0
	OIL/MGALS	0.0000	0.0000	0.0000	0.0000
	HOURS/OIL	0	0	0	0
NOVEMBER	GAS/MMCF	1.0150	0.0100	0.0000	1.0250
	HOURS/GAS	15	0	0	15
	OIL/MGALS	0.0000	0.0000	0.0000	0.0000
	HOURS/OIL	0	0	0	0
DECEMBER	GAS/MMCF	0 8320	0 0000	0.0000	0.8320
	HOURS/GAS	5	0	0	5
	OIL/MGALS	0.0000	0.0000	0.0000	0.0000
	HOURS/OIL	0	0	0	0
TOTAL	**GAS/MMCF**	**25.7920**	**33.2700**	**10.1700**	**69.2320**
	HOURS/GAS	**484**	**430**	**169**	**1,083**
	OIL/MGALS	**73.0970**	**0.0000**	**0.0000**	**73.0970**
	HOURS/OIL	**145**	**0**	**0**	**145**

Note: MMCF: Million cubic feet of gas; MGALS: 1,000 gallons of oil.

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FUEL USAGE & OPERATING HOURS OF ENGINES

		Engine# 1	Engine #2	Engine #3	Total
JAN.	GAS/MMCF	0.343000	0 377000	0.006000	0 726
	HOURS	7	10	1	18
	MWHR	29 321	28 707	0 000	58.028
	OIL/GAL	0	0	0	0
FEB.	GAS/MMCF	0 000000	0.567000	0 000000	0.567
	HOURS	0	12	0	12
	MWHR	0	57.881	0	57.881
	OIL/GAL	0	0	0	0
MAR.	GAS/MMCF	0.000000	0.567000	0.000000	0.567
	HOURS	0	12	0	12
	MWHR	0.000	57.881	0.000	57.881
	OIL/GAL.	0	0	0	0
APR.	GAS/MMCF	2 883000	0.420000	0.000000	3.303
	HOURS	54	8	0	61.5
	MWHR	264.907	39 995	0	304.902
	OIL/GAL.	0	0	0	0
MAY	GAS/MMCF	3.334000	7.083000	0.295000	10.712
	HOURS	62	138	6	205.75
	MWHR	314.028	698.832	29.626	1042.486
	OIL/GAL.	0	0	0	0
JUNE	GAS/MMCF	27.068000	14.037000	0 906000	42.011
	HOURS	527	280	19	825.75
	MWHR	2,645.548	1,376.328	89.274	4111.15
	OIL/GAL.	0	0	0	0
JULY	GAS/MMCF	35.275000	34 292000	14.568000	84.135
	HOURS	707	681	308	1695.5
	MWHR	3,484.948	3,360.765	1,503 269	8348 982
	OIL/GAL.	0	0	0	0
AUG.	GAS/MMCF	35.181000	35.783000	29.268000	100.232
	HOURS	706	715	614	2035.5
	MWHR	3,480.416	3,516.416	3,027.427	10024.259
	OIL/GAL.	0	0	0	0
SEP.	GAS/MMCF	34.939000	32.441000	28 663000	96.043
	HOURS	702	645	608	1954.5
	MWHR	3,460.181	3,177.637	2,998.055	9635.873
	OIL/GAL.	0	0	0	0
OCT.	GAS/MMCF	15.562000	23 448000	30.939000	69.949
	HOURS	323	482	665	1469.5
	MWHR	1,589.118	2,370.502	3,279.983	7239.603
	OIL/GAL.	0	0	0	0
NOV.	GAS/MMCF	0.000000	0.000000	0.016000	0.016
	HOURS	0	0	0	0
	MWHR	0.000	0.000	0.000	0
	OIL/GAL.	0	0	0	0
DEC.	GAS/MMCF	0 000000	0 000000	0 000000	0
	HOURS	0	0	0	0
	MWHR	0.000	0 000	0.000	0
	OIL/GAL.	0	0	0	0
TOTAL	GAS/MMCF	154.585000	149.015000	104.661000	408.261
	HOURS	3088	2982	2220	8290
	MWHR	15,268.467	14,684.944	10,927.634	40881.045
	OIL/GAL.	0	0		

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FUEL USAGE & OPERATING HOURS OF TURBINES IN BUILDING #921

		TURBINE #1	TURBINE #2	TURBINE #3	TOTAL
JANUARY	GAS/MMCF	46.8260	51.9170	52.3470	151.0900
	HOURS/GAS	658	726	734	2,118
	MWHR	4719.0190	5225.5210	5252.1380	15196.6780
FEBRUARY	GAS/MMCF	46.8730	46.9780	46.4250	140.2760
	HOURS/GAS	671	672	664	2,007
	MWHR	4824.3940	4830.5760	4778.7290	14433.5990
MARCH	GAS/MMCF	51.1550	10.6070	51.4400	113.2020
	HOURS/GAS	743	157	743	1,643
	MWHR	5211.4850	1081.0790	5793.8320	11486.3960
APRIL	GAS/MMCF	40.3010	15.6060	44 6440	100.5510
	HOURS/GAS	589	223	657	1,469
	MWHR	4099.2010	1584.4650	4501.4290	10185.0950
MAY	GAS/MMCF	0.0000	50.0260	51.2350	101.2610
	HOURS/GAS	0	737	744	1,481
	MWHR	0.0000	4982.8800	5055.9190	10038.7990
JUNE	GAS/MMCF	34.2790	26.4960	34.8530	95.6280
	HOURS/GAS	521	395	527	1,443
	MWHR	3351.5980	2604.2750	3424.6450	9380.3180
JULY	GAS/MMCF	46.8290	11.4450	35.2000	93.4740
	HOURS/GAS	744	181	561	1,486
	MWHR	4620.9480	1137.4460	3473.3560	9231.7500
AUGUST	GAS/MMCF	45.9710	45.4590	0.0000	91.4300
	HOURS/GAS	737	736	0	1,473
	MWHR	4491.9490	4472.8950	0.0000	8964.8440
SEPTEMBER	GAS/MMCF	47.4040	46.8350	0.0000	94.2390
	HOURS/GAS	720	717	0	1,437
	MWHR	4645.8190	4647.8180	0.0000	9293.6370
OCTOBER	GAS/MMCF	15.1730	46.5670	47.4100	109.1500
	HOURS/GAS	216	695	689	1,600
	MWHR	1504.9150	4685.4990	4708.1660	10898.8800
NOVEMBER	GAS/MMCF	44.2570	46.0980	50.7050	141.0600
	HOURS/GAS	607	642	697	1,946
	MWHR	4254.4930	4473.8840	4910.0790	13639.4560
DECEMBER	GAS/MMCF	53.6350	53.1240	52.8180	159.5770
	HOURS/GAS	739	740	738	2,217
	MWHR	5277.7410	5272.1140	5215.1940	15765.0490
TOTAL	**GAS/MMCF**	**472.7030**	**451.1580**	**467.0770**	**1,390.9380**
	HOURS/GAS	**6,944**	**6,621**	**6,754**	**20,318**
	MWHR	**47000.6620**	**44918.6520**	**46515.4870**	**138434.8010**

Note: MMCF: Million cubic feet of GAS

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FUEL USAGE & OPERATING HOURS OF DUCT BURNERS IN BUILDING #921

		DUCT BRN. #1	DUCT BRN. #2	DUCT BRN. #3	TOTAL
JANUARY	GAS/MMCF	34.5240	36.5010	38.2450	109.2700
	HOURS/GAS	647	725	732	2,104
	OIL/MGALS	0.0000	0.0000	0.0000	0.0000
	HOURS/OIL	0	0	0	0
FEBRUARY	GAS/MMCF	33.9420	31.0950	33.4660	98.5030
	HOURS/GAS	671	660	664	1,995
	OIL/MGALS	0.0000	0.0000	0.0000	0.0000
	HOURS/OIL	0.00	0.00	0.00	0.00
MARCH	GAS/MMCF	34 6350	6 5010	34.6860	75.8220
	HOURS/GAS	728	120	719	1,567
	OIL/MGALS	0.0000	0.0000	0.0000	0.0000
	HOURS/OIL	0	0	0	0
APRIL	GAS/MMCF	24.4340	7.1120	23.6680	55.2140
	HOURS/GAS	583	200	575	1,358
	OIL/MGALS	0.0000	0.0000	0.0000	0.0000
	HOURS/OIL	0	0	0	0
MAY	GAS/MMCF	0.0000	22.3540	21.3740	43.7280
	HOURS/GAS	0	711	713	1,424
	OIL/MGALS	0.0000	0.0000	0.0000	0.0000
	HOURS/OIL	0	0	0	0
JUNE	GAS/MMCF	6.1690	8 8080	11.2530	26.2300
	HOURS/GAS	314	394	522	1,230
	OIL/MGALS	0.0000	0.0000	0.0000	0.0000
	HOURS/OIL	0	0	0	0
JULY	GAS/MMCF	7.0750	0.0000	10.5930	17.6680
	HOURS/GAS	300	0	445	745
	OIL/MGALS	0.0000	0.0000	0.0000	0.0000
	HOURS/OIL	0	0	0	0
AUGUST	GAS/MMCF	9 9220	3.4750	0.0000	13.3970
	HOURS/GAS	528	216	0	744
	OIL/MGALS	0.0000	0.0000	0.0000	0.0000
	HOURS/OIL	0	0	0	0
SEPTEMBER	GAS/MMCF	6.6920	15.9560	0.0000	22.6480
	HOURS/GAS	267	497	0	764
	OIL/MGALS	0.0000	0.0000	0.0000	0.0000
	HOURS/OIL	0	0	0	0
OCTOBER	GAS/MMCF	5.2320	15.3830	24.2950	44.9100
	HOURS/GAS	158	424	675	1,256
	OIL/MGALS	0.0000	0.0000	0.0000	0.0000
	HOURS/OIL	0	0	0	0
NOVEMBER	GAS/MMCF	16.9800	15.6960	18.5320	51.2080
	HOURS/GAS	547	510	605	1,662
	OIL/MGALS	0.0000	0.0000	0.0000	0.0000
	HOURS/OIL	0	0	0	0
DECEMBER	GAS/MMCF	26.3000	27.3830	26.3030	79.9860
	HOURS/GAS	738	739	729	2,206
	OIL/MGALS	0.0000	0.0000	0.0000	0.0000
	HOURS/OIL	0	0	0	0
TOTAL	**GAS/MMCF**	**205.9050**	**190.2640**	**242.4150**	**638.5840**
	HOURS/GAS	**5,480**	**5,195**	**6,378**	**17,053**
	OIL/MGALS	**0.0000**	**0.0000**	**0.0000**	**0.0000**
	HOURS/OIL	**0**	**0**	**0**	**0**

Note: MMCF: Million cubic feet of gas; MGALS: 1,000 gallons of oil.

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PEAK OZONE SEASON (JUNE 1, 2003 THROUGH AUGUST 31, 2003)

FUEL USAGE & OPERATING HOURS OF BOILERS IN BUILDING #921

		BOILER #5	BOILER #6	BOILER #7	TOTAL
JUNE	GAS/MMCF	0.4400	0.0000	0.0000	0.4400
	HOURS/GAS	0.0	0.0	0.0	0.0
	OIL/MGALS	0.0000	0.0000	0.0000	0.0000
	HOURS/OIL	0.00	0.00	0.00	0.00
JULY	GAS/MMCF	0.0000	0.0000	0.0000	0.0000
	HOURS/GAS	0.0	0.0	0.0	0.0
	OIL/MGALS	0.0000	0.0000	0.0000	0.0000
	HOURS/OIL	0.00	0.00	0.00	0.00
AUGUST	GAS/MMCF	0.0000	0.0000	0.0000	0.0000
	HOURS/GAS	0.0	0.0	0.0	0.0
	OIL/MGALS	0.0000	0.0000	0.0000	0.0000
	HOURS/OIL	0.00	0.00	0.00	0.00
TOTAL	**GAS/MMCF**	**0.4400**	**0.0000**	**0.0000**	**0.4400**
	HOURS/GAS	**0.0**	**0.0**	**0.0**	**0.0**
	OIL/MGALS	**0.0000**	**0.0000**	**0.0000**	**0.0000**
	HOURS/OIL	**0.00**	**0.00**	**0.00**	**0.00**

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PEAK OZONE SEASON (JUNE 1, 2003 THROUGH AUGUST 31, 2003)

FUEL USAGE & OPERATING HOURS OF ENGINES

		Engine 1	Engine 2	Engine 3	COMBINED ENGINES TOTAL
JUNE	GAS/MMCF	27.0680	14.0370	0.0906	41.1956
	HOURS	527	280	19	825.5
	MWHR	0	0	0	0
	OIL/MGALLONS	0	0		
JULY	GAS/MMCF	35.2750	34.2920	14.5680	84.135
	HOURS	707	681	308	1695.5
	MWHR	0	0	0	0
	OIL/GALLONS.	0	0		
AUGUST	GAS/MMCF	35.1810	35.7830	29.2680	100.232
	HOURS	706	715	615	2035.75
	MWHR	0	0	0	0
	OIL/GALONS	0	0		
TOTAL	**GAS/MMCF**	**97.5240**	**84.1120**	**43.9266**	225.5626
	HOURS	**1,940**	**1,676**	**941**	4556.75
	MWHR	**0**	**0**	**0**	0
	OIL/GALLONS	**0**	**0**		

Note: MMCF: Million cubic feet of gas.
MWHR: Mega Watts -Hr.

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PEAK OZONE SEASON (JUNE 1, 2003 THROUGH AUGUST 31, 2003)

FUEL USAGE & OPERATING HOURS OF TURBINES

		Turbine # 1	Turbine # 2	Turbine # 3	COMBINED TURBINES TOTAL
JUNE	GAS/MMCF	34 2790	26.4960	34.8530	95.628
	HOURS	521	395	527	1443
	MWHR	3,351	2,604	3,425	9380.318
	OIL/MGALLONS	0	0		
JULY	GAS/MMCF	46.8290	11.4450	35.2000	93.474
	HOURS	744	181	561	1486
	MWHR	4,621	1,137	3,473	9231.75
	OIL/GALLONS.	0	0		
AUGUST	GAS/MMCF	45.9710	45.4590	0.0000	91.43
	HOURS	737	736	0	2087.5
	MWHR	4,492	4,473	0	8964.844
	OIL/GALONS	0	0		
TOTAL	**GAS/MMCF**	**127.0790**	**83.4000**	**70.0530**	280.532
	HOURS	**2,002**	**1,312**	**1,703**	5016.5
	MWHR	**12,464**	**8,215**	**6,898**	27576.912
	OIL/GALLONS	**0**	**0**		

Note: MMCF: Million cubic feet of gas.
MWHR: Mega Watts -Hr.

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PEAK OZONE SEASON (JUNE 1, 2003 THROUGH AUGUST 31, 2003)

FUEL USAGE & OPERATING HOURS OF DUCT BURNERS

		Duct Burner # 1	Duct Burner # 2	Duct Burner # 3	COMBINED BURNERS TOTAL
JUNE	GAS/MMCF	6.1690	8 8080	11.2530	26.23
	HOURS	314	394	522	1230
	MWHR	0	0	0	0
	OIL/MGALLONS	0	0		
JULY	GAS/MMCF	7.0750	0.0000	10.5930	17.668
	HOURS	300	0	445	745
	MWHR	0	0	0	0
	OIL/GALLONS.	0	0		
AUGUST	GAS/MMCF	9.9220	3.4750	0.0000	13.397
	HOURS	528	216	0	744
	MWHR	0	0	0	0
	OIL/GALONS	0	0		
TOTAL	**GAS/MMCF**	**23.1660**	**12.2830**	**21.8460**	57.295
	HOURS	**1,142**	**610**	**967**	2719
	MWHR	**0**	**0**	**0**	0
	OIL/GALLONS	**0**	**0**		

Note: MMCF: Million cubic feet of gas.
MWHR: Mega Watts -Hr.

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PERCENT THROUGHPUTS FOR BOILERS IN BUILDING# 921

		BOILER #5	BOILER #6	BOILER #7	TOTAL
DECEMBER	GAS/MMCF	0.8320	0.0000	0.0000	0.8320
ANUARY	GAS/MMCF	7.2840	14.0670	8.4680	29.8190
EBRUARY	GAS/MMCF	1.8480	9.2480	1.7020	12.7980
ERCENT THROUGHPUTS		**38.63%**	**70.08%**	**100.00%**	**62.76%**

		BOILER #5	BOILER #6	BOILER #7	TOTAL
MARCH	GAS/MMCF	6.3270	9.9450	0.0000	16.2720
APRIL	GAS/MMCF	7.2330	0.0000	0.0000	7.2330
MAY	GAS/MMCF	0.8130	0.0000	0.0000	0.8130
PERCENT THROUGHPUTS		**55.73%**	**29.89%**	**0.00%**	**35.13%**

		BOILER #5	BOILER #6	BOILER #7	TOTAL
JUNE	GAS/MMCF	0.4400	0.0000	0.0000	0.4400
JULY	GAS/MMCF	0.0000	0.0000	0.0000	0.0000
AUGUST	GAS/MMCF	0.0000	0.0000	0.0000	0.0000
PERCENT THROUGHPUTS		**1.71%**	**0.00%**	**0.00%**	**0.64%**

		BOILER #5	BOILER #6	BOILER #7	TOTAL
SEP.	GAS/MMCF	0.0000	0.0000	0.0000	0.0000
OCT.	GAS/MMCF	0.0000	0.0000	0.0000	0.0000
NOV.	GAS/MMCF	1.0150	0.0100	0.0000	1.0250
PERCENT THROUGHPUTS		**3.94%**	**0.03%**	**0.00%**	**1.48%**

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PERCENT THROUGHPUTS FOR ENGINES

		ENGINE #1	ENGINE #2	ENGINE #3	COMBINED ENGINES
DECEMBER	GAS/MMCF	0.0000	0.0000	0.0000	0.0000
JANUARY	GAS/MMCF	0.3430	0.3770	0.0060	0.7260
FEBRUARY	GAS/MMCF	0.0000	0.5670	0.0000	0.5670
PERCENT THROUGHPUTS		0.22%	0.63%	0.01%	0.32%

		ENGINE #1	ENGINE #2	ENGINE #3	COMBINED ENGINES
MARCH	GAS/MMCF	0.0000	0.5670	0.0000	0.5670
APRIL	GAS/MMCF	2.8830	0.4200	0.0000	3.3030
MAY	GAS/MMCF	3.3340	7.0830	0.2950	10.7120
PERCENT THROUGHPUTS		4.02%	5.42%	0.28%	3.57%

		ENGINE #1	ENGINE #2	ENGINE #3	COMBINED ENGINES
JUNE	GAS/MMCF	27.0680	14.0370	0.9060	42.0110
JULY	GAS/MMCF	35.2750	34.2920	14.5680	84.1350
AUGUST	GAS/MMCF	35.1810	35.7830	29.2680	100.2320
PERCENT THROUGHPUTS		63.09%	56.45%	42.76%	55.45%

		ENGINE #1	ENGINE #2	ENGINE #3	COMBINED ENGINES
SEP.	GAS/MMCF	34.9390	32.4410	28.6630	96.0430
OCT.	GAS/MMCF	15.5620	23.4480	30.9390	69.9490
NOV.	GAS/MMCF	0.0000	0.0000	0.0000	0.0000
PERCENT THROUGHPUTS		32.67%	37.51%	56.96%	40.66%

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PERCENT THROUGHPUTS FOR TURBINES

		TURBINE #1	TURBINE #2	TURBINE #3	COMBINED TURBINES
DECEMBER	GAS/MMCF	53.6350	53.1240	52.8180	159.5770
JANUARY	GAS/MMCF	46.8260	51.9170	52.3470	151.0900
FEBRUARY	GAS/MMCF	46.8730	46.9780	46.4250	140.2760
PERCENT THROUGHPUTS		**31.17%**	**33.70%**	**32.46%**	**32.42%**

		TURBINE #1	TURBINE #2	TURBINE #3	COMBINED TURBINES
MARCH	GAS/MMCF	51.1550	10.6070	51.4400	113.2020
APRIL	GAS/MMCF	40.3010	15.6060	44.6440	100.5510
MAY	GAS/MMCF	0.0000	50.0260	51.2350	101.2610
PERCENT THROUGHPUTS		**19.35%**	**16.90%**	**31.54%**	**22.65%**

		TURBINE #1	TURBINE #2	TURBINE #3	COMBINED TURBINES
JUNE	GAS/MMCF	34.2790	26.4960	34.8530	95.6280
JULY	GAS/MMCF	46.8290	11.4450	35.2000	93.4740
AUGUST	GAS/MMCF	45.9710	45.4590	0.0000	91.4300
PERCENT THROUGHPUTS		**26.88%**	**18.49%**	**15.00%**	**20.17%**

		TURBINE #1	TURBINE #2	TURBINE #3	COMBINED TURBINES
SEP.	GAS/MMCF	47.4040	46.8350	0.0000	94.2390
OCT.	GAS/MMCF	15.1730	46.5670	47.4100	109.1500
NOV.	GAS/MMCF	44.2570	46.0980	50.7050	141.0600
PERCENT THROUGHPUTS		**22.60%**	**30.92%**	**21.01%**	**24.76%**

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JANUARY 1, 2003 THROUGH DECEMBER 31, 2003

PERCENT THROUGHPUTS FOR DUCT BURNERS

		DUCT BURNER #1	DUCT BURNER #2	DUCT BURNER #3	COMBINED DUCT BURNERS
DECEMBER	GAS/MMCF	26.3000	27.3830	26.3030	79.9860
JANUARY	GAS/MMCF	34.5240	36.5010	38.2450	109.2700
FEBRUARY	GAS/MMCF	33.9420	31.0950	33.4660	98.5030
PERCENT THROUGHPUTS		**46.02%**	**49.92%**	**40.43%**	**45.06%**

		DUCT BURNER #1	DUCT BURNER #2	DUCT BURNER #3	COMBINED DUCT BURNERS
MARCH	GAS/MMCF	34.6350	6.5010	34.6860	75.8220
APRIL	GAS/MMCF	24.4340	7.1120	23.6680	55.2140
MAY	GAS/MMCF	0.0000	22.3540	21.3740	43.7280
PERCENT THROUGHPUTS		**28.69%**	**18.90%**	**32.89%**	**27.37%**

		DUCT BURNER #1	DUCT BURNER #2	DUCT BURNER #3	COMBINED DUCT BURNERS
JUNE	GAS/MMCF	6.1690	8.8080	11.2530	26.2300
JULY	GAS/MMCF	7.0750	0.0000	10.5930	17.6680
AUGUST	GAS/MMCF	9.9220	3.4750	0.0000	13.3970
PERCENT THROUGHPUTS		**11.25%**	**6.46%**	**9.01%**	**8.97%**

		DUCT BURNER #1	DUCT BURNER #2	DUCT BURNER #3	COMBINED DUCT BURNERS
SEP.	GAS/MMCF	6.6920	15.9560	0.0000	22.6480
OCT.	GAS/MMCF	5.2320	15.3830	24.2950	44.9100
NOV.	GAS/MMCF	16.9800	15.6960	18.5320	51.2080
PERCENT THROUGHPUTS		**14.04%**	**24.72%**	**17.67%**	**18.60%**

013600CRS - 2003 ANNUAL EMISSION REPORT
JANUARY 1, 2003 THROUGH DECEMBER 31, 2003

EMISSION RATE (LB./HR.) FOR BOILERS IN BUILDING #921

	Boiler #5 (Building # 921)	Boiler #6 (Building #921)	Boiler #7 (Building #921)	TOTAL
Gas/MMCF	25.7920	33.2700	10.1700	69.2320
Gas/Operating Hrs.	484	430	169	1,083
Oil/MGALS.	73.0970	0.0000	0.0000	73.0970
Oil/Operating Hrs.	145	0	0	145
CO (lb/hr) /Gas	4.4763	6.4993	5.0549	16.0305
CO (lb/hr) /Oil	2.5206	0.0000	0.0000	2.5206
NOX (lb/hr)/Gas	5.3289	21.6642	6.0178	33.0109
NOX(lb/hr)/Oil	27.7264	0.0000	0.0000	27.7264
PM (lb/hr) /Gas	0.4050	0.5880	0.4573	1.4504
PM (lb/hr) /Oil	3.8918	0.0000	0.0000	3.8918
SO2(lb/hr) /Gas	0.0320	0.0464	0.0361	0.1145
SO2 (lb/hr) /Oil	71.2318	0.0000	0.0000	71.2318
VOM (lb/hr) /Gas	0.2931	0.4255	0.3310	1.0496
VOM(lb/hr) /Oil	0.1412	0.0000	0.0000	0.1412
NH3(lb/hr) /Gas	0.0261	0.0379	0.0295	0.0935
NH3(lb/hr) /Oil	0.0000	0.0000	0.0000	0.0000

Note: NH3 (Ammonia) Emission calculations are based on the emission factors listed in Air Chief, Fire Version 6.23 for UnControled Natural Gas Boilers<100Million Btu/Hr. and Boilers >100 Million Btu/hr as follows: 0.49 lb./Million Cubic Feet.

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JANUARY 1, 2003 THROUGH DECEMBER 31, 2003

ANNUAL EMISSIONS RATE (LB./HR.) OF DUCT BURNERS

	DUCT BURNER #1	DUCT BURNER #2	DUCT BURNER #3	COMBINED DUCT BURNERS (1, 2, &3)
Gas/MMCF	205.905000	190.264000	242.415000	638.584000
Operating Hours	5,480	5,195	6,378	17,053
NOX (LB./HR.)	3.8273	3.7306	3.8715	11.429
CO (LB./HR.)	2.7835	2.7131	2.8156	8.312
VOM (LB./HR.)	0.6611	0.6444	0.6687	1.974
PM (LB./HR.)	0.3479	0.3391	0.3520	1.039
SO2 (LB./HR.)	0.0000	0.0000	0.0000	0.000
NH3 (LB./HR.)	0.1202	0.1172	0.1216	0.359

PEAK OZONE SEASON (JUNE 1, 2003 THROUGH AUGUST 31, 2003)
ANNUAL EMISSIONS RATE (LB./HR.) OF DUCT BURNERS

	DUCT BURNER #1	DUCT BURNER #2	DUCT BURNER #3	COMBINED DUCT BURNERS (1, 2, &3)
Gas/MMCF	23.166000	12.283000	57.295000	92.744000
Operating Hours	1,142	610	2,719	4,471
NOX (LB./HR.)	2.0618	2.0466	2.1418	6.250
VOM (LB./HR.)	0.3561	0.3535	0.3699	1.080

Note 1: Emission Calculation based on the emission factors for duct burners, listed in Section 7.3.12-Compliance Procedures of 031600CRS - Clean Air Act Permit as:
CO=0.08 lb/mmbtu. NOX=0.11 lb/mmbtu. PM10: 0.01 lb/mmbtu VOM: 0.019 lb/mmbtu SO2: 0.0006 lb/Million Cu. Ft.

Note 2: NH3 (Ammonia) Emission Calculation based on the emission factor listed in 2003 Annua Emission Report Instructions for UnControled Natural Gas Boilers<100Million Btu/Hr. as: 3.2 lb./Million Cubic Feet.

031600CRS - 2003 ANNUAL EMISSION REPORT
JANUARY 1, 2003 THROUGH DECEMBER 31, 2003

ANNUAL EMISSION RATE (LB./HR.) OF TURBINES

	TURBINE #1	TURBINE #2	TURBINE #3	COMBINED TURBINES (1, 2, & 3)
Gas/MMCF	472.703000	451.158000	467.077000	1,390.938000
Operating Hrs.	6,944	6,621	6,754	20,319
MWHR	47,001	44,919	46,515	138,435
NOX (LB./HR.)	6.3036	6.3098	6.4038	19.017
CO (LB./HR.)	7.6904	7.6980	7.8126	23.201
VOM (LB./HR.)	0.6178	0.6184	0.6276	1.864
PM (LB./HR.)	1.5129	1.5144	1.5369	4.564
SO2 (LB./HR.)	0.3850	0.2240	0.2200	0.829
NH3 (LB./HR.)	0.6195	0.6201	0.6293	1.869

PEAK OZONE SEASON (JUNE 1, 2003 THROUGH AUGUST 31, 2003)
EMISSION RATE (LB./HR.) OF TURBINES

	TURBINE #1	TURBINE #2	TURBINE #3	COMBINED TURBINES (1, 2, & 3)
Gas/MMCF	127.079000	83.400000	70.053000	280.532000
Operating Hrs.	2,002	1,312	1,703	5,017
MWHR	12,464	8,215	6,898	27,577
NOX (LB./HR.)	5.8652	5.8736	3.8009	15.540
VOM (LB./HR.)	0.5748	0.5756	0.3725	1.523

Note 1: Emission Calculation based on the emission factors listed in Section 7.3.12-Compliance Procedures of 031600CRS - Clean Air Act Permit as:

* CO: 0.122 lb/mmbtu. NOX: 0.10 lb/mmbtu. PM10: 0.024 lb/mmbtu
* VOM: 0.0098 lb/mmbtu. SO2: 0.94 S

Note2: NH3 Emission Calculation based on the emission factor listed in Air Chief, Fire Version 6.23 for Gas Turbine as:

* NH3: 9.1lb./Million Cubic Feet.

031600CRS - 2003 ANNUAL EMISSION REPORT
JANUARY 1, 2003 THROUGH DECEMBER 31, 2003

AIR EMISSIONS OF BOILERS IN BUILDING #921

	Bldg. 921 Boiler #5	Bldg. 921 Boiler #6	Bldg. 921 Boiler #7	Total Emission ton/yr.
Gas/MMCF	25.7920	33.2700	10.1700	69.232
Gas/Operating Hrs.	484	430	169	1083
Oil/MGALS	73.0970	0.0000	0.0000	73.097
Oil/Operating Hrs	145	0	0	145
CO (Ton/Yr.) /Gas	1.08	1.40	0.43	2.9077
CO (Ton/Yr.) /Oil	0.18	0.00	0.00	0.1827
Total CO (Ton/Yr.)	**1.2660**	**1.3973**	**0.4271**	**3.0905**
NOX (Ton/Yr.) /Gas	1.29	4.66	0.51	6.4559
NOX (Ton/Yr.) /Oil	2.01	0.00	0.00	2.0102
Total NOx (Ton/Yr.)	**3.2998**	**4.6578**	**0.5085**	**8.4661**
PM10 (Ton/Yr.) /Gas	0.10	0.13	0.04	0.2631
PM10 (Ton/Yr.) /Oil	0.28	0.00	0.00	0.2822
TotalPM10 (Ton/Yr)	**0.3802**	**0.1264**	**0.0386**	**0.5452**
SO2 (Ton/Yr.) /Gas	0.01	0.01	0.00	0.0208
SO2 (Ton/Yr.) /Oil	5.16	0.00	0.00	5.1643
Total SO2 (Ton/Yr.)	**5.1720**	**0.0100**	**0.0031**	**5.1851**
VOM (ton/year) /Gas	0.07	0.09	0.03	0.1904
VOM (ton/year) /Oil	0.01	0.00	0.00	0.0102
Total VOM (ton/yr.)	**0.0812**	**0.0915**	**0.0280**	**0.2006**
NH3 (ton/year) /Gas	0.0413	0.0532	0.1170	0.2115
NH3 (ton/year) /Oil	0.0292	0.0000	0.0000	0.0292
Total NH3 (ton/yr.)	**0.0705**	**0.0532**	**0.1170**	**0.2407**

Note 1: Emission calculations are based on the emission factors listed in Section 7.1.12-Compliance Procedures for natural gas fired boilers, of 031600CRS - CAAP Permit.

Note2: NH3 (Ammonia) Emission calculations are based on the emission factors listed in 2003 Annual Emission Report Instructions for Uncontrolled Boilers<100 million Btu/Hr. and Boilers>100 million Btu/Hr. as follows: 1) Natural Gas Fired: 3.2 lb./million cubic feet burned, 2) Fuel Oil Fired: 0.8 lb./1000 gallons burned.

031600CRS - 2003 MONTHLY EMISSION REPORT
JANUARY 1, 2003 THROUGH JANUARY 31, 2003

AIR EMISSIONS OF BOILERS IN BUILDING #92

	Bldg. 921 Boiler #5	Bldg. 921 Boiler #6	Bldg. 921 Boiler #7	Combined Emission ton/month.
Gas/MMCF	7.2840	14.0670	8.4680	29.819
Gas/Operating Hrs.	168	194	136	498
Oil/MGALS.	0.0000	0.0000	0.0000	0
Oil/Operating Hrs.	0	0	0	0
CO (Ton/Month.) /Gas	0.3059	0.5908	0.3557	1.2524
CO (Ton/Month) /Oil	0.0000	0.0000	0.0000	0.0000
Total CO (Ton/Month)	**0.3059**	**0.5908**	**0.3557**	**1.2524**
NOX (Ton/Month) /Gas	0.3642	1.9694	0.4234	2.7570
NOX (Ton/Month) /Oil	0.0000	0.0000	0.0000	0.0000
Total NOx (Ton/Month)	**0.3642**	**1.9694**	**0.4234**	**2.7570**
PM10 (Ton/Month) /Gas	0.0277	0.0535	0.0322	0.1133
PM10 (Ton/Month) /Oil	0.0000	0.0000	0.0000	0.0000
TotalPM10 (Ton/Month)	**0.0277**	**0.0535**	**0.0322**	**0.1133**
SO2 (Ton/Month) /Gas	0.0022	0.0042	0.0025	0.0089
SO2 (Ton/Month) /Oil	0.0000	0.0000	0.0000	0.0000
Total SO2 (Ton/Month)	**0.0022**	**0.0042**	**0.0025**	**0.0089**
VOM (ton/month) /Gas	0.0200	0.0387	0.0233	0.0820
VOM (ton/month) /Oil	0.0000	0.0000	0.0000	0.0000
Total VOM (ton/month)	**0.0200**	**0.0387**	**0.0233**	**0.0820**
NH3 (ton/month) /Gas	0.0117	0.0225	0.0135	0.0477
NH3 (ton/month) /Oil	0.0000	0.0000	0.0000	0.0000
Total NH3 (ton/moth)	**0.0117**	**0.0225**	**0.0135**	**0.0477**

Note 1: Emission calculations are based on the emission factors listed in Section 7.1.12-Compliance Procedures for natural gas fired boilers, of 031600CRS - CAAP Permit.

Note2: NH3 (Ammonia) Emission calculations are based on the emission factors listed in 2003 Annual Emission Report Instructions for Uncontrolled Boilers<100 million Btu/Hr. and Boilers>100 million Btu/Hr. as follows: 1) Natural Gas Fired: 3.2 lb./million cubic feet burned, 2) Fuel Oil Fired: 0.8 lb./1000 gallons burned.

031600CRS - 2003 MONTHLY EMISSION REPORT
FEBRUARY 1, 2003 THROUGH FEBRUARY 28, 2003

AIR EMISSIONS OF BOILERS IN BUILDING #921

	Bldg. 921 Boiler #5	Bldg. 921 Boiler #6	Bldg. 921 Boiler #7	Combined Emission ton/month.
Gas/MMCF	1.8480	9.2480	1.7020	12.798
Gas/Operating Hrs.	31	138	33	202
Oil/MGALS	45.0950	0.0000	0.0000	45.095
Oil/Operating Hrs	85	0	0	85
CO (Ton/Month.) /Gas	0.0776	0.3884	0.0715	0.5375
CO (Ton/Month) /Oil	0.1127	0.0000	0.0000	0.1127
Total CO (Ton/Month)	**0.1904**	**0.3884**	**0.0715**	**0.6503**
NOX (Ton/Month) /Gas	0.0924	1.2947	0.0851	1.4722
NOX (Ton/Month) /Oil	1.2401	0.0000	0.0000	1.2401
Total NOx (Ton/Month)	**1.3325**	**1.2947**	**0.0851**	**2.7123**
PM10 (Ton/Month) /Gas	0.0070	0.0351	0.0065	0.0486
PM10 (Ton/Month) /Oil	0.1741	0.0000	0.0000	0.1741
TotalPM10 (Ton/Month)	**0.1811**	**0.0351**	**0.0065**	**0.2227**
SO2 (Ton/Month) /Gas	0.0006	0.0028	0.0005	0.0038
SO2 (Ton/Month) /Oil	3.1860	0.0000	0.0000	3.1860
Total SO2 (Ton/Month)	**3.1865**	**0.0028**	**0.0005**	**3.1898**
VOM (ton/month) /Gas	0.0051	0.0254	0.0047	0.0352
VOM (ton/month) /Oil	0.0063	0.0000	0.0000	0.0063
Total VOM (ton/month)	**0.0114**	**0.0254**	**0.0047**	**0.0415**
NH3 (ton/month) /Gas	0.0030	0.0148	0.0027	0.0205
NH3 (ton/month) /Oil	0.0000	0.0000	0.0000	0.0000
Total NH3 (ton/moth)	**0.0030**	**0.0148**	**0.0027**	**0.0205**

Note 1: Emission calculations are based on the emission factors listed in Section 7.1.12-Compliance Procedures for natural gas fired boilers, of 031600CRS - CAAP Permit.

Note2: NH3 (Ammonia) Emission calculations are based on the emission factors listed in 2003 Annual Emission Report Instructions for Uncontrolled Boilers<100 million Btu/Hr. and Boilers>100 million Btu/Hr. as follows: 1) Natural Gas Fired: 3.2 lb./million cubic feet burned, 2) Fuel Oil Fired: 0.8 lb./1000 gallons burned.

031600CRS - 2003 MONTHLY EMISSION REPORT
MARCH 1, 2003 THROUGH MARCH 31, 2003

AIR EMISSIONS OF BOILERS IN BUILDING #921

	Bldg. 921 Boiler #5	Bldg. 921 Boiler #6	Bldg. 921 Boiler #7	Combined Emission ton/month.
Gas/MMCF	6.3270	9.9450	0.0000	16.272
Gas/Operating Hrs.	112	98	0	210
Oil/MGALS	28.0020	0.0000	0.0000	28.002
Oil/Operating Hrs.	60	0	0	60
CO (Ton/Month.) /Gas	0.2657	0.4177	0.0000	0.6834
CO (Ton/Month) /Oil	0.0700	0.0000	0.0000	0.0700
Total CO (Ton/Month)	**0.3357**	**0.4177**	**0.0000**	**0.7534**
NOX (Ton/Month) /Gas	0.3164	1.3923	0.0000	1.7087
NOX (Ton/Month) /Oil	0.7701	0.0000	0.0000	0.7701
Total NOx (Ton/Month)	**1.0864**	**1.3923**	**0.0000**	**2.4787**
PM10 (Ton/Month) /Gas	0.0240	0.0378	0.0000	0.0618
PM10 (Ton/Month) /Oil	0.1081	0.0000	0.0000	0.1081
TotalPM10 (Ton/Month)	**0.1321**	**0.0378**	**0.0000**	**0.1699**
SO2 (Ton/Month) /Gas	0.0019	0.0030	0.0000	0.0049
SO2 (Ton/Month) /Oil	1.9783	0.0000	0.0000	1.9783
Total SO2 (Ton/Month)	**1.9802**	**0.0030**	**0.0000**	**1.9832**
VOM (ton/month) /Gas	0.0174	0.0273	0.0000	0.0447
VOM (ton/month) /Oil	0.0039	0.0000	0.0000	0.0039
Total VOM (ton/month)	**0.0213**	**0.0273**	**0.0000**	**0.0487**
NH3 (ton/month) /Gas	0.0101	0.0159	0.0000	0.0260
NH3 (ton/month) /Oil	0.0112	0.0000	0.0000	0.0112
Total NH3 (ton/moth)	**0.0213**	**0.0159**	**0.0000**	**0.0372**

Note 1: Emission calculations are based on the emission factors listed in Section 7.1.12-Compliance Procedures for natural gas fired boilers, of 031600CRS - CAAP Permit.

Note2: NH3 (Ammonia) Emission calculations are based on the emission factors listed in 2003 Annual Emission Report Instructions for Uncontrolled Boilers<100 million Btu/Hr. and Boilers>100 million Btu/Hr. as follows: 1) Natural Gas Fired: 3.2 lb./million cubic feet burned, 2) Fuel Oil Fired: 0.8 lb./1000 gallons burned.

031600CRS - 2003 MONTHLY EMISSION REPORT
APRIL1, 2003 THROUGH APRIL 30, 2003

AIR EMISSIONS OF BOILERS IN BUILDING #921

	Bldg. 921 Boiler #5	Bldg. 921 Boiler #6	Bldg. 921 Boiler #7	Combined Emission ton/month.
Gas/MMCF	7.2330	0.0000	0.0000	7.233
Gas/Operating Hrs.	144	0	0	144
Oil/MGALS	0.0000	0.0000	0.0000	0
Oil/Operating Hrs.	0	0	0	0
CO (Ton/Month.) /Gas	0.3038	0.0000	0.0000	0.3038
CO (Ton/Month) /Oil	0.0000	0.0000	0.0000	0.0000
Total CO (Ton/Month)	**0.3038**	**0.0000**	**0.0000**	**0.3038**
NOX (Ton/Month) /Gas	0.3617	0.0000	0.0000	0.3617
NOX (Ton/Month) /Oil	0.0000	0.0000	0.0000	0.0000
Total NOx (Ton/Month)	**0.3617**	**0.0000**	**0.0000**	**0.3617**
PM10 (Ton/Month) /Gas	0.0275	0.0000	0.0000	0.0275
PM10 (Ton/Month) /Oil	0.0000	0.0000	0.0000	0.0000
TotalPM10 (Ton/Month)	**0.0275**	**0.0000**	**0.0000**	**0.0275**
SO2 (Ton/Month) /Gas	0.0022	0.0000	0.0000	0.0022
SO2 (Ton/Month) /Oil	0.0000	0.0000	0.0000	0.0000
Total SO2 (Ton/Month)	**0.0022**	**0.0000**	**0.0000**	**0.0022**
VOM (ton/month) /Gas	0.0199	0.0000	0.0000	0.0199
VOM (ton/month) /Oil	0.0000	0.0000	0.0000	0.0000
Total VOM (ton/month)	**0.0199**	**0.0000**	**0.0000**	**0.0199**
NH3 (ton/month) /Gas	0.0116	0.0000	0.0000	0.0116
NH3 (ton/month) /Oil	0.0000	0.0000	0.0000	0.0000
Total NH3 (ton/moth)	**0.0116**	**0.0000**	**0.0000**	**0.0116**

Note 1: Emission calculations are based on the emission factors listed in Section 7.1.12-Compliance Procedures for natural gas fired boilers, of 031600CRS - CAAP Permit.

Note2: NH3 (Ammonia) Emission calculations are based on the emission factors listed in 2003 Annual Emission Report Instructions for Uncontrolled Boilers<100 million Btu/Hr. and Boilers>100 million Btu/Hr. as follows: 1) Natural Gas Fired: 3.2 lb./million cubic feet burned, 2) Fuel Oil Fired: 0.8 lb./1000 gallons burned.

031600CRS - 2003 MONTHLY EMISSION REPORT
MAY 1, 2003 THROUGH MAY 30, 2003

AIR EMISSIONS OF BOILERS IN BUILDING #921

	Bldg. 921 Boiler #5	Bldg. 921 Boiler #6	Bldg. 921 Boiler #7	Combined Emission ton/month.
Gas/MMCF	0.8130	0.0000	0.0000	0.813
Gas/Operating Hrs.	9	0	0	9
Oil/MGALS	0.0000	0.0000	0.0000	0
Oil/Operating Hrs	0	0	0	0
CO (Ton/Month.) /Gas	0.0341	0.0000	0.0000	0.0341
CO (Ton/Month) /Oil	0.0000	0.0000	0.0000	0.0000
Total CO (Ton/Month)	**0.0341**	**0.0000**	**0.0000**	**0.0341**
NOX (Ton/Month) /Gas	0.0407	0.0000	0.0000	0.0407
NOX (Ton/Month) /Oil	0.0000	0.0000	0.0000	0.0000
Total NOx (Ton/Month)	**0.0407**	**0.0000**	**0.0000**	**0.0407**
PM10 (Ton/Month) /Gas	0.0031	0.0000	0.0000	0.0031
PM10 (Ton/Month) /Oil	0.0000	0.0000	0.0000	0.0000
TotalPM10 (Ton/Month)	**0.0031**	**0.0000**	**0.0000**	**0.0031**
SO2 (Ton/Month) /Gas	0.0002	0.0000	0.0000	0.0002
SO2 (Ton/Month) /Oil	0.0000	0.0000	0.0000	0.0000
Total SO2 (Ton/Month)	**0.0002**	**0.0000**	**0.0000**	**0.0002**
VOM (ton/month) /Gas	0.0022	0.0000	0.0000	0.0022
VOM (ton/month) /Oil	0.0000	0.0000	0.0000	0.0000
Total VOM (ton/month)	**0.0022**	**0.0000**	**0.0000**	**0.0022**
NH3 (ton/month) /Gas	0.0013	0.0000	0.0000	0.0013
NH3 (ton/month) /Oil	0.0000	0.0000	0.0000	0.0000
Total NH3 (ton/moth)	**0.0013**	**0.0000**	**0.0000**	**0.0013**

Note 1: Emission calculations are based on the emission factors listed in Section 7.1.12-Compliance Procedures for natural gas fired boilers, of 031600CRS - CAAP Permit.

Note2: NH3 (Ammonia) Emission calculations are based on the emission factors listed in 2003 Annual Emission Report Instructions for Uncontrolled Boilers<100 million Btu/Hr. and Boilers>100 million Btu/Hr. as follows: 1) Natural Gas Fired: 3.2 lb./million cubic feet burned, 2) Fuel Oil Fired: 0.8 lb./1000 gallons burned.

031600CRS - 2003 MONTHLY EMISSION REPORT
JUNE 1, 2003 THROUGH JUNE 30, 2003

AIR EMISSIONS OF BOILERS IN BUILDING #921

	Bldg. 921 Boiler #5	Bldg. 921 Boiler #6	Bldg. 921 Boiler #7	Combined Emission ton/month.
Gas/MMCF	0.4400	0.0000	0.0000	0.44
Gas/Operating Hrs.	0	0	0	0
Oil/MGALS	0.0000	0.0000	0.0000	0
Oil/Operating Hrs	0	0	0	0
CO (Ton/Month.) /Gas	0.0185	0.0000	0.0000	0.0185
CO (Ton/Month) /Oil	0.0000	0.0000	0.0000	0.0000
Total CO (Ton/Month)	**0.0185**	**0.0000**	**0.0000**	**0.0185**
NOX (Ton/Month) /Gas	0.0220	0.0000	0.0000	0.0220
NOX (Ton/Month) /Oil	0.0000	0.0000	0.0000	0.0000
Total NOx (Ton/Month)	**0.0220**	**0.0000**	**0.0000**	**0.0220**
PM10 (Ton/Month) /Gas	0.0017	0.0000	0.0000	0.0017
PM10 (Ton/Month) /Oil	0.0000	0.0000	0.0000	0.0000
TotalPM10 (Ton/Month)	**0.0017**	**0.0000**	**0.0000**	**0.0017**
SO2 (Ton/Month) /Gas	0.0001	0.0000	0.0000	0.0001
SO2 (Ton/Month) /Oil	0.0000	0.0000	0.0000	0.0000
Total SO2 (Ton/Month)	**0.0001**	**0.0000**	**0.0000**	**0.0001**
VOM (ton/month) /Gas	0.0012	0.0000	0.0000	0.0012
VOM (ton/month) /Oil	0.0000	0.0000	0.0000	0.0000
Total VOM (ton/month)	**0.0012**	**0.0000**	**0.0000**	**0.0012**
NH3 (ton/month) /Gas	0.0007	0.0000	0.0000	0.0007
NH3 (ton/month) /Oil	0.0000	0.0000	0.0000	0.0000
Total NH3 (ton/moth)	**0.0007**	**0.0000**	**0.0000**	**0.0007**

Note 1: Emission calculations are based on the emission factors listed in Section 7.1.12-Compliance Procedures for natural gas fired boilers, of 031600CRS - CAAP Permit.

Note2: NH3 (Ammonia) Emission calculations are based on the emission factors listed in 2003 Annual Emission Report Instructions for Uncontrolled Boilers<100 million Btu/Hr. and Boilers>100 million Btu/Hr. as follows: 1) Natural Gas Fired: 3.2 lb./million cubic feet burned, 2) Fuel Oil Fired: 0.8 lb./1000 gallons burned.

031600CRS - 2003 MONTHLY EMISSION REPORT
JULY 1, 2003 THROUGH JULY 31, 2003

AIR EMISSIONS OF BOILERS IN BUILDING #921

	Bldg. 921 Boiler #5	Bldg. 921 Boiler #6	Bldg. 921 Boiler #7	Combined Emission ton/month.
Gas/MMCF	0.0000	0.0000	0.0000	0
Gas/Operating Hrs.	0	0	0	0
Oil/MGALS	0.0000	0.0000	0.0000	0
Oil/Operating Hrs.	0	0	0	0
CO (Ton/Month.) /Gas	0.0000	0.0000	0.0000	0.0000
CO (Ton/Month) /Oil	0.0000	0.0000	0.0000	0.0000
Total CO (Ton/Month)	**0.0000**	**0.0000**	**0.0000**	**0.0000**
NOX (Ton/Month) /Gas	0.0000	0.0000	0.0000	0.0000
NOX (Ton/Month) /Oil	0.0000	0.0000	0.0000	0.0000
Total NOx (Ton/Month)	**0.0000**	**0.0000**	**0.0000**	**0.0000**
PM10 (Ton/Month) /Gas	0.0000	0.0000	0.0000	0.0000
PM10 (Ton/Month) /Oil	0.0000	0.0000	0.0000	0.0000
TotalPM10 (Ton/Month)	**0.0000**	**0.0000**	**0.0000**	**0.0000**
SO2 (Ton/Month) /Gas	0.0000	0.0000	0.0000	0.0000
SO2 (Ton/Month) /Oil	0.0000	0.0000	0.0000	0.0000
Total SO2 (Ton/Month)	**0.0000**	**0.0000**	**0.0000**	**0.0000**
VOM (ton/month) /Gas	0.0000	0.0000	0.0000	0.0000
VOM (ton/month) /Oil	0.0000	0.0000	0.0000	0.0000
Total VOM (ton/month)	**0.0000**	**0.0000**	**0.0000**	**0.0000**
NH3 (ton/month) /Gas	0.0000	0.0000	0.0000	0.0000
NH3 (ton/month) /Oil	0.0000	0.0000	0.0000	0.0000
Total NH3 (ton/moth)	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Note 1: Emission calculations are based on the emission factors listed in Section 7.1.12-Compliance Procedures for natural gas fired boilers, of 031600CRS - CAAP Permit.

Note2: NH3 (Ammonia) Emission calculations are based on the emission factors listed in 2003 Annual Emission Report Instructions for Uncontrolled Boilers<100 million Btu/Hr. and Boilers>100 million Btu/Hr. as follows: 1) Natural Gas Fired: 3.2 lb./million cubic feet burned, 2) Fuel Oil Fired: 0.8 lb./1000 gallons burned.

031600CRS - 2003 MONTHLY EMISSION REPORT
AUGUST 1, 2003 THROUGH AUGUST 31, 2003

AIR EMISSIONS OF BOILERS IN BUILDING #921

	Bldg. 921 Boiler #5	Bldg. 921 Boiler #6	Bldg. 921 Boiler #7	Combined Emission ton/month.
Gas/MMCF	0.0000	0.0000	0.0000	0
Gas/Operating Hrs.	0	0	0	0
Oil/MGALS	0.0000	0.0000	0.0000	0
Oil/Operating Hrs	0	0	0	0
CO (Ton/Month.) /Gas	0.0000	0.0000	0.0000	0.0000
CO (Ton/Month) /Oil	0.0000	0.0000	0.0000	0.0000
Total CO (Ton/Month)	**0.0000**	**0.0000**	**0.0000**	**0.0000**
NOX (Ton/Month) /Gas	0.0000	0.0000	0.0000	0.0000
NOX (Ton/Month) /Oil	0.0000	0.0000	0.0000	0.0000
Total NOx (Ton/Month)	**0.0000**	**0.0000**	**0.0000**	**0.0000**
PM10 (Ton/Month) /Gas	0.0000	0.0000	0.0000	0.0000
PM10 (Ton/Month) /Oil	0.0000	0.0000	0.0000	0.0000
TotalPM10 (Ton/Month)	**0.0000**	**0.0000**	**0.0000**	**0.0000**
SO2 (Ton/Month) /Gas	0.0000	0.0000	0.0000	0.0000
SO2 (Ton/Month) /Oil	0.0000	0.0000	0.0000	0.0000
Total SO2 (Ton/Month)	**0.0000**	**0.0000**	**0.0000**	**0.0000**
VOM (ton/month) /Gas	0.0000	0.0000	0.0000	0.0000
VOM (ton/month) /Oil	0.0000	0.0000	0.0000	0.0000
Total VOM (ton/month)	**0.0000**	**0.0000**	**0.0000**	**0.0000**
NH3 (ton/month) /Gas	0.0000	0.0000	0.0000	0.0000
NH3 (ton/month) /Oil	0.0000	0.0000	0.0000	0.0000
Total NH3 (ton/moth)	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Note 1: Emission calculations are based on the emission factors listed in Section 7.1.12-Compliance Procedures for natural gas fired boilers, of 031600CRS - CAAP Permit.

Note2: NH3 (Ammonia) Emission calculations are based on the emission factors listed in 2003 Annual Emission Report Instructions for Uncontrolled Boilers<100 million Btu/Hr. and Boilers>100 million Btu/Hr. as follows: 1) Natural Gas Fired: 3.2 lb./million cubic feet burned, 2) Fuel Oil Fired: 0.8 lb./1000 gallons burned.

031600CRS - 2003 MONTHLY EMISSION REPORT
SEPTEMBER 1, 2003 THROUGH SEPTEMBER 30, 2003

AIR EMISSIONS OF BOILERS IN BUILDING #921

	Bldg. 921 Boiler #5	Bldg. 921 Boiler #6	Bldg. 921 Boiler #7	Combined Emission ton/month.
Gas/MMCF	0.0000	0.0000	0.0000	0
Gas/Operating Hrs.	0	0	0	0
Oil/MGALS	0.0000	0.0000	0.0000	0
Oil/Operating Hrs	0	0	0	0
CO (Ton/Month.) /Gas	0.0000	0.0000	0.0000	0.0000
CO (Ton/Month) /Oil	0.0000	0.0000	0.0000	0.0000
Total CO (Ton/Month)	**0.0000**	**0.0000**	**0.0000**	**0.0000**
NOX (Ton/Month) /Gas	0.0000	0.0000	0.0000	0.0000
NOX (Ton/Month) /Oil	0.0000	0.0000	0.0000	0.0000
Total NOx (Ton/Month)	**0.0000**	**0.0000**	**0.0000**	**0.0000**
PM10 (Ton/Month) /Gas	0.0000	0.0000	0.0000	0.0000
PM10 (Ton/Month) /Oil	0.0000	0.0000	0.0000	0.0000
TotalPM10 (Ton/Month)	**0.0000**	**0.0000**	**0.0000**	**0.0000**
SO2 (Ton/Month) /Gas	0.0000	0.0000	0.0000	0.0000
SO2 (Ton/Month) /Oil	0.0000	0.0000	0.0000	0.0000
Total SO2 (Ton/Month)	**0.0000**	**0.0000**	**0.0000**	**0.0000**
VOM (ton/month) /Gas	0.0000	0.0000	0.0000	0.0000
VOM (ton/month) /Oil	0.0000	0.0000	0.0000	0.0000
Total VOM (ton/month)	**0.0000**	**0.0000**	**0.0000**	**0.0000**
NH3 (ton/month) /Gas	0.0000	0.0000	0.0000	0.0000
NH3 (ton/month) /Oil	0.0000	0.0000	0.0000	0.0000
Total NH3 (ton/moth)	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Note 1: Emission calculations are based on the emission factors listed in Section 7.1.12-Compliance Procedures for natural gas fired boilers, of 031600CRS - CAAP Permit.

Note2: NH3 (Ammonia) Emission calculations are based on the emission factors listed in 2003 Annual Emission Report Instructions for Uncontrolled Boilers<100 million Btu/Hr. and Boilers>100 million Btu/Hr. as follows: 1) Natural Gas Fired: 3.2 lb./million cubic feet burned, 2) Fuel Oil Fired: 0.8 lb./1000 gallons burned.

031600CRS - 2003 MONTHLY EMISSION REPORT
OCTOBER 1, 2003 THROUGH OCTOBER 31, 2003

AIR EMISSIONS OF BOILERS IN BUILDING #921

	Bldg. 921 Boiler #5	Bldg. 921 Boiler #6	Bldg. 921 Boiler #7	Combined Emission ton/month.
Gas/MMCF	0.0000	0.0000	0.0000	0
Gas/Operating Hrs.	0	0	0	0
Oil/MGALS	0.0000	0.0000	0.0000	0
Oil/Operating Hrs.	0	0	0	0
CO (Ton/Month.) /Gas	0.0000	0.0000	0.0000	0.0000
CO (Ton/Month) /Oil	0.0000	0.0000	0.0000	0.0000
Total CO (Ton/Month)	**0.0000**	**0.0000**	**0.0000**	**0.0000**
NOX (Ton/Month) /Gas	0.0000	0.0000	0.0000	0.0000
NOX (Ton/Month) /Oil	0.0000	0.0000	0.0000	0.0000
Total NOx (Ton/Month)	**0.0000**	**0.0000**	**0.0000**	**0.0000**
PM10 (Ton/Month) /Gas	0.0000	0.0000	0.0000	0.0000
PM10 (Ton/Month) /Oil	0.0000	0.0000	0.0000	0.0000
TotalPM10 (Ton/Month)	**0.0000**	**0.0000**	**0.0000**	**0.0000**
SO2 (Ton/Month) /Gas	0.0000	0.0000	0.0000	0.0000
SO2 (Ton/Month) /Oil	0.0000	0.0000	0.0000	0.0000
Total SO2 (Ton/Month)	**0.0000**	**0.0000**	**0.0000**	**0.0000**
VOM (ton/month) /Gas	0.0000	0.0000	0.0000	0.0000
VOM (ton/month) /Oil	0.0000	0.0000	0.0000	0.0000
Total VOM (ton/month)	**0.0000**	**0.0000**	**0.0000**	**0.0000**
NH3 (ton/month) /Gas	0.0000	0.0000	0.0000	0.0000
NH3 (ton/month) /Oil	0.0000	0.0000	0.0000	0.0000
Total NH3 (ton/moth)	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Note 1: Emission calculations are based on the emission factors listed in Section 7.1.12-Compliance Procedures for natural gas fired boilers, of 031600CRS - CAAP Permit.

Note2: NH3 (Ammonia) Emission calculations are based on the emission factors listed in 2003 Annual Emission Report Instructions for Uncontrolled Boilers<100 million Btu/Hr. and Boilers>100 million Btu/Hr. as follows: 1) Natural Gas Fired: 3.2 lb./million cubic feet burned, 2) Fuel Oil Fired: 0.8 lb./1000 gallons burned.

031600CRS - 2003 MONTHLY EMISSION REPORT
NOVEMBER 1, 2003 THROUGH NOVEMBER 30, 2003

AIR EMISSIONS OF BOILERS IN BUILDING #921

	Bldg. 921 Boiler #5	Bldg. 921 Boiler #6	Bldg. 921 Boiler #7	Combined Emission ton/month.
Gas/MMCF	1.0150	0.0100	0.0000	1.025
Gas/Operating Hrs.	15	0	0	15
Oil/MGALS.	0.0000	0.0000	0.0000	0
Oil/Operating Hrs.	0	0	0	0
CO (Ton/Month.) /Gas	0.0426	0.0004	0.0000	0.0431
CO (Ton/Month) /Oil	0.0000	0.0000	0.0000	0.0000
Total CO (Ton/Month)	**0.0426**	**0.0004**	**0.0000**	**0.0431**
NOX (Ton/Month) /Gas	0.0508	0.0014	0.0000	0.0522
NOX (Ton/Month) /Oil	0.0000	0.0000	0.0000	0.0000
Total NOx (Ton/Month)	**0.0508**	**0.0014**	**0.0000**	**0.0522**
PM10 (Ton/Month) /Gas	0.0039	0.0000	0.0000	0.0039
PM10 (Ton/Month) /Oil	0.0000	0.0000	0.0000	0.0000
TotalPM10 (Ton/Month)	**0.0039**	**0.0000**	**0.0000**	**0.0039**
SO2 (Ton/Month) /Gas	0.0003	0.0000	0.0000	0.0003
SO2 (Ton/Month) /Oil	0.0000	0.0000	0.0000	0.0000
Total SO2 (Ton/Month)	**0.0003**	**0.0000**	**0.0000**	**0.0003**
VOM (ton/month) /Gas	0.0028	0.0000	0.0000	0.0028
VOM (ton/month) /Oil	0.0000	0.0000	0.0000	0.0000
Total VOM (ton/month)	**0.0028**	**0.0000**	**0.0000**	**0.0028**
NH3 (ton/month) /Gas	0.0016	0.0000	0.0000	0.0016
NH3 (ton/month) /Oil	0.0000	0.0000	0.0000	0.0000
Total NH3 (ton/moth)	**0.0016**	**0.0000**	**0.0000**	**0.0016**

Note 1: Emission calculations are based on the emission factors listed in Section 7.1.12-Compliance Procedures for natural gas fired boilers, of 031600CRS - CAAP Permit.

Note2: NH3 (Ammonia) Emission calculations are based on the emission factors listed in 2003 Annual Emission Report Instructions for Uncontrolled Boilers<100 million Btu/Hr. and Boilers>100 million Btu/Hr. as follows: 1) Natural Gas Fired: 3.2 lb./million cubic feet burned, 2) Fuel Oil Fired: 0.8 lb./1000 gallons burned.

031600CRS - 2003 MONTHLY EMISSION REPORT
DECEMBER 1, 2003 THROUGH DECEMBER 31, 2003

	Bldg. 921 Boiler #5	Bldg. 921 Boiler #6	Bldg. 921 Boiler #7	Combined Emission ton/month.
Gas/MMCF	0.8320	0.0000	0.0000	0.832
Gas/Operating Hrs.	5	0	0	5
Oil/MGALS	0.0000	0.0000	0.0000	0
Oil/Operating Hrs	0	0	0	0
CO (Ton/Month.) /Gas	0.0349	0.0000	0.0000	0.0349
CO (Ton/Month) /Oil	0.0000	0.0000	0.0000	0.0000
Total CO (Ton/Month)	**0.0349**	**0.0000**	**0.0000**	**0.0349**
NOX (Ton/Month) /Gas	0.0416	0.0000	0.0000	0.0416
NOX (Ton/Month) /Oil	0.0000	0.0000	0.0000	0.0000
Total NOx (Ton/Month)	**0.0416**	**0.0000**	**0.0000**	**0.0416**
PM10 (Ton/Month) /Gas	0.0032	0.0000	0.0000	0.0032
PM10 (Ton/Month) /Oil	0.0000	0.0000	0.0000	0.0000
TotalPM10 (Ton/Month)	**0.0032**	**0.0000**	**0.0000**	**0.0032**
SO2 (Ton/Month) /Gas	0.0003	0.0000	0.0000	0.0003
SO2 (Ton/Month) /Oil	0.0000	0.0000	0.0000	0.0000
Total SO2 (Ton/Month)	**0.0003**	**0.0000**	**0.0000**	**0.0003**
VOM (ton/month) /Gas	0.0023	0.0000	0.0000	0.0023
VOM (ton/month) /Oil	0.0000	0.0000	0.0000	0.0000
Total VOM (ton/month)	**0.0023**	**0.0000**	**0.0000**	**0.0023**
NH3 (ton/month) /Gas	0.0013	0.0000	0.0000	0.0013
NH3 (ton/month) /Oil	0.0000	0.0000	0.0000	0.0000
Total NH3 (ton/moth)	**0.0013**	**0.0000**	**0.0000**	**0.0013**

Note 1: Emission calculations are based on the emission factors listed in Section 7.1.12-Compliance Procedures for natural gas fired boilers, of 031600CRS - CAAP Permit.

Note2: **NH3 (Ammonia) Emission calculations are based on the emission factors listed in 2003 Annual Emission Report Instructions for Uncontrolled Boilers<100 million** Btu/Hr. and Boilers>100 million Btu/Hr. as follows: 1) Natural Gas Fired: 3.2 lb./million cubic feet burned, 2) Fuel Oil Fired: 0.8 lb./1000 gallons burned.

031600CRS - 2003 ANNUAL EMISSION REPORT
JANUARY 1, 2003 THROUGH DECEMBER 31, 2003

AIR EMISSIONS OF ENGINES

	ENGINE #1	ENGINE #2	ENGINE #3	TOTAL (ENGINES 1, 2, & 3)
Gas/MMCF	154.585000	149.015000	104.661000	408.261000
Operating Hrs.	3,088	2,982	2,220	8,290
MWHR	15,268	14,685	10,928	40,881
NOX (Ton/Yr.)	11.1786	10.7948	8.0364	30.010
CO (Ton/Yr.)	10.0669	9.7213	7.2372	27.025
VOM (Ton/Yr.)	2.3160	2.0874	1.3320	5.735
PM (Ton/Yr.)	1.1426	1.1033	0.8214	3.067
SO2 (Ton/Yr.)	6.4628	6.2160	4.6257	17.305
NH3 (Ton/Yr.)	0.7034	0.6780	0.4762	1.858

Note 1: Emission Calculation for three engines are based on the emission factors listed in Section 7.2.12-Compliance Procedures of 031600CRS - Clean Air Act Permit as:

* NOX: 7.24 lb./hr.
* CO: 6.52 lb./hr.
* PM10: 0.74 lb./hr.
* SO2: 0.384 g/kw-hr.

Note 2: VOM emssion calculation for three engines are based on the results of stack testing of November 7, 2002. These emission factors are as follows:

Engine #1: VOM: 1.5 lb/hr.
Engine #2: VOM: 1.4 lb/hr.
Engine #3: VOM: 1.2 lb/hr.

Note 3: NH3 (Ammonia) Emission Calculation based on the emission factor listed in Air Chief, Fire Version 6.23 for SCR Reciprocating Internal Combustion Engines as: 9.1 lb./Million Cubic Feet.

031600CRS - 2003 MONTHLY EMISSION REPORT
JANUARY 1, 2003 THROUGH JANUARY 31, 2003

AIR EMISSIONS OF ENGINES

	ENGINE #1	ENGINE #2	ENGINE #3	TOTAL (ENGINES 1, 2, & 3)
Gas/MMCF	0.343000	0.377000	0.006000	0.726000
Operating Hrs.	7	10	1	18
MWHR	29.321	28.707	0.000	58.028
NOX (Ton/Yr.)	0.0253	0.0362	0.0036	0.065
CO (Ton/Yr.)	0.0228	0.0326	0.0033	0.059
VOM (Ton/Yr.)	0.0053	0.0070	0.0006	0.013
PM (Ton/Yr.)	0.0026	0.0037	0.0004	0.007
SO2 (Ton/Yr.)	0.0124	0.0122	0.0000	0.025
NH3 (Ton/Yr.)	0.0016	0.0017	0.0000	0.003

Note 1: Emission Calculation for three engines are based on the emission factors listed in Section 7.2.12-Compliance Procedures of 031600CRS - Clean Air Act Permit as:

* NOX: 7.24 lb./hr.
* CO: 6.52 lb./hr.
* PM10: 0.74 lb./hr.
* SO2: 0.384 g/kw-hr.

Note 2: VOM emssion calculation for three engines are based on the results of stack testing of November 7, 2002. These emission factors are as follows:

Engine #1: VOM: 1.5 lb/hr.
Engine #2: VOM: 1.4 lb/hr.
Engine #3: VOM: 1.2 lb/hr.

Note 3: NH3 (Ammonia) Emission Calculation based on the emission factor listed in Air Chief, Fire Version 6.23 for SCR Reciprocating Internal Combustion Engines as: 9.1 lb./Million Cubic Feet.

031600CRS - 2003 MONTHLY EMISSION REPORT
FEBRUARY 1, 2003 THROUGH FEBRUARY 28, 2003

AIR EMISSIONS OF ENGINES

	ENGINE #1	ENGINE #2	ENGINE #3	TOTAL (ENGINES 1, 2, & 3)
Gas/MMCF	0.000000	0.567000	0.000000	0.567000
Operating Hrs.	0	12	0	12
MWHR	0.000	57.881	0.000	57.881
NOX (Ton/Yr.)	0.0000	0.0434	0.0000	0.043
CO (Ton/Yr.)	0.0000	0.0391	0.0000	0.039
VOM (Ton/Yr.)	0.0000	0.0084	0.0000	0.008
PM (Ton/Yr.)	0.0000	0.0044	0.0000	0.004
SO2 (Ton/Yr.)	0.0000	0.0245	0.0000	0.025
NH3 (Ton/Yr.)	0.0000	0.0026	0.0000	0.003

Note 1: Emission Calculation for three engines are based on the emission factors listed in Section 7.2.12-Compliance Procedures of 031600CRS - Clean Air Act Permit as:

* NOX: 7.24 lb./hr.
* CO: 6.52 lb./hr.
* PM10: 0.74 lb./hr.
* SO2: 0.384 g/kw-hr.

Note 2: VOM emssion calculation for three engines are based on the results of stack testing of November 7, 2002. These emission factors are as follows:

Engine #1: VOM: 1.5 lb/hr.
Engine #2: VOM: 1.4 lb/hr.
Engine #3: VOM: 1.2 lb/hr.

Note 3: NH3 (Ammonia) Emission Calculation based on the emission factor listed in Air Chief, Fire Version 6.23 for SCR Reciprocating Internal Combustion Engines as: 9.1 lb./Million Cubic Feet.

031600CRS - 2003 MONTHLY EMISSION REPORT
MARCH 1, 2003 THROUGH MARCH 31, 2003

AIR EMISSIONS OF ENGINES

	ENGINE #1	ENGINE #2	ENGINE #3	TOTAL (ENGINES 1, 2, & 3)
Gas/MMCF	0.000000	0.567000	0.000000	0.567000
Operating Hrs.	0	12	0	12
MWHR	0.000	57.881	0.000	57.881
NOX (Ton/Yr.)	0.0000	0.0434	0.0000	0.043
CO (Ton/Yr.)	0.0000	0.0391	0.0000	0.039
VOM (Ton/Yr.)	0.0000	0.0084	0.0000	0.008
PM (Ton/Yr.)	0.0000	0.0044	0.0000	0.004
SO2 (Ton/Yr.)	0.0000	0.0245	0.0000	0.025
NH3 (Ton/Yr.)	0.0000	0.0026	0.0000	0.003

Note 1: Emission Calculation for three engines are based on the emission factors listed in Section 7.2.12-Compliance Procedures of 031600CRS - Clean Air Act Permit as:

* NOX: 7.24 lb./hr.
* CO: 6.52 lb./hr.
* PM10: 0.74 lb./hr.
* SO2: 0.384 g/kw-hr.

Note 2: VOM emssion calculation for three engines are based on the results of stack testing of November 7, 2002. These emission factors are as follows:

Engine #1: VOM: 1.5 lb/hr.
Engine #2: VOM: 1.4 lb/hr.
Engine #3: VOM: 1.2 lb/hr.

Note 3: NH3 (Ammonia) Emission Calculation based on the emission factor listed in Air Chief, Fire Version 6.23 for SCR Reciprocating Internal Combustion Engines as: 9.1 lb./Million Cubic Feet.

031600CRS - 2003 MONTHLY EMISSION REPORT
APRIL 1, 2003 THROUGH APRIL 30, 2003

AIR EMISSIONS OF ENGINES

	ENGINE #1	ENGINE #2	ENGINE #3	TOTAL (ENGINES 1, 2, & 3)
Gas/MMCF	2.883000	0.420000	0.000000	3.303000
Operating Hrs.	54	8	0	62
MWHR	264.907	39.995	0.000	304.902
NOX (Ton/Yr.)	0.1955	0.0290	0.0000	0.224
CO (Ton/Yr.)	0.1760	0.0261	0.0000	0.202
VOM (Ton/Yr.)	0.0405	0.0056	0.0000	0.046
PM (Ton/Yr.)	0.0200	0.0030	0.0000	0.023
SO2 (Ton/Yr.)	0.1121	0.0169	0.0000	0.129
NH3 (Ton/Yr.)	0.0131	0.0019	0.0000	0.015

Note 1: Emission Calculation for three engines are based on the emission factors listed in Section 7.2.12-Compliance Procedures of 031600CRS - Clean Air Act Permit as:

* NOX: 7.24 lb./hr.
* CO: 6.52 lb./hr.
* PM10: 0.74 lb./hr.
* SO2: 0.384 g/kw-hr.

Note 2: VOM emssion calculation for three engines are based on the results of stack testing of November 7, 2002. These emission factors are as follows:

Engine #1: VOM: 1.5 lb/hr.
Engine #2: VOM: 1.4 lb/hr.
Engine #3: VOM: 1.2 lb/hr.

Note 3: NH3 (Ammonia) Emission Calculation based on the emission factor listed in Air Chief, Fire Version 6.23 for SCR Reciprocating Internal Combustion Engines as: 9.1 lb./Million Cubic Feet.

031600CRS - 2003 MONTHLY EMISSION REPORT
MAY 1, 2003 THROUGH MAY 31, 2003

AIR EMISSIONS OF ENGINES

	ENGINE #1	ENGINE #2	ENGINE #3	TOTAL (ENGINES 1, 2, & 3)
Gas/MMCF	3.334000	7.083000	0.295000	10.712000
Operating Hrs.	62	138	6	206
MWHR	314.028	698.832	29.626	1,042.486
NOX (Ton/Yr.)	0.2244	0.4996	0.0217	0.746
CO (Ton/Yr.)	0.2021	0.4499	0.0196	0.672
VOM (Ton/Yr.)	0.0465	0.0966	0.0036	0.147
PM (Ton/Yr.)	0.0229	0.0511	0.0022	0.076
SO2 (Ton/Yr.)	0.1329	0.2958	0.0125	0.441
NH3 (Ton/Yr.)	0.0152	0.0322	0.0013	0.049

Note 1: Emission Calculation for three engines are based on the emission factors listed in Section 7.2.12-Compliance Procedures of 031600CRS - Clean Air Act Permit as:

* NOX: 7.24 lb./hr.
* CO: 6.52 lb./hr.
* PM10: 0.74 lb./hr.
* SO2: 0.384 g/kw-hr.

Note 2: VOM emssion calculation for three engines are based on the results of stack testing of November 7, 2002. These emission factors are as follows:

Engine #1: VOM: 1.5 lb/hr.
Engine #2: VOM: 1.4 lb/hr.
Engine #3: VOM: 1.2 lb/hr.

Note 3: NH3 (Ammonia) Emission Calculation based on the emission factor listed in Air Chief, Fire Version 6.23 for SCR Reciprocating Internal Combustion Engines as: 9.1 lb./Million Cubic Feet.

031600CRS - 2003 MONTHLY EMISSION REPORT
JUNE 1, 2003 THROUGH JUNE 30, 2003

AIR EMISSIONS OF ENGINES

	ENGINE #1	ENGINE #2	ENGINE #3	TOTAL (ENGINES 1, 2, & 3)
Gas/MMCF	27.068000	14.037000	0.906000	42.011000
Operating Hrs.	527	280	19	826
MWHR	2,645.548	1,376.328	89.274	4,111.150
NOX (Ton/Yr.)	1.9077	1.0136	0.0688	2.990
CO (Ton/Yr.)	1.7180	0.9128	0.0619	2.693
VOM (Ton/Yr.)	0.3953	0.1960	0.0114	0.603
PM (Ton/Yr.)	0.1950	0.1036	0.0070	0.306
SO2 (Ton/Yr.)	1.1198	0.5826	0.0378	1.740
NH3 (Ton/Yr.)	0.1232	0.0639	0.0041	0.191

Note 1: Emission Calculation for three engines are based on the emission factors listed in Section 7.2.12-Compliance Procedures of 031600CRS - Clean Air Act Permit as:

* NOX: 7.24 lb./hr.
* CO: 6.52 lb./hr.
* PM10: 0.74 lb./hr.
* SO2: 0.384 g/kw-hr.

Note 2: VOM emssion calculation for three engines are based on the results of stack testing of November 7, 2002. These emission factors are as follows:

Engine #1: VOM: 1.5 lb/hr.
Engine #2: VOM: 1.4 lb/hr.
Engine #3: VOM: 1.2 lb/hr.

Note 3: NH3 (Ammonia) Emission Calculation based on the emission factor listed in Air Chief, Fire Version 6.23 for SCR Reciprocating Internal Combustion Engines as: 9.1 lb./Million Cubic Feet.

031600CRS - 2003 MONTHLY EMISSION REPORT
JULY 1, 2003 THROUGH JULY 31, 2003

AIR EMISSIONS OF ENGINES

	ENGINE #1	ENGINE #2	ENGINE #3	TOTAL (ENGINES 1, 2, & 3)
Gas/MMCF	35.275000	34.292000	14.568000	84.135000
Operating Hrs.	707	681	308	1,696
MWHR	3,484.948	3,360.765	1,503.269	8,348.982
NOX (Ton/Yr.)	2.5593	2.4652	1.1150	6.140
CO (Ton/Yr.)	2.3048	2.2201	1.0041	5.529
VOM (Ton/Yr.)	0.5303	0.4767	0.1848	1.192
PM (Ton/Yr.)	0.2616	0.2520	0.1140	0.628
SO2 (Ton/Yr.)	1.4751	1.4226	0.6363	3.534
NH3 (Ton/Yr.)	0.1605	0.1560	0.0663	0.383

Note 1: Emission Calculation for three engines are based on the emission factors listed in Section 7.2.12-Compliance Procedures of 031600CRS - Clean Air Act Permit as:

* NOX: 7.24 lb./hr.
* CO: 6.52 lb./hr.
* PM10: 0.74 lb./hr.
* SO2: 0.384 g/kw-hr.

Note 2: VOM emssion calculation for three engines are based on the results of stack testing of November 7, 2002. These emission factors are as follows:

Engine #1: VOM: 1.5 lb/hr.
Engine #2: VOM: 1.4 lb/hr.
Engine #3: VOM: 1.2 lb/hr.

Note 3: NH3 (Ammonia) Emission Calculation based on the emission factor listed in Air Chief, Fire Version 6.23 for SCR Reciprocating Internal Combustion Engines as: 9.1 lb./Million Cubic Feet.

031600CRS - 2003 MONTHLY EMISSION REPORT
AUGUST 1, 2003 THROUGH AUGUST 31, 2003

AIR EMISSIONS OF ENGINES

	ENGINE #1	ENGINE #2	ENGINE #3	TOTAL (ENGINES 1, 2, & 3)
Gas/MMCF	35.181000	35.783000	29.268000	100.232000
Operating Hrs.	706	715	614	2,035
MWHR	3,480.416	3,516.416	3,027.427	10,024.259
NOX (Ton/Yr.)	2.5557	2.5883	2.2227	7.367
CO (Ton/Yr.)	2.3016	2.3309	2.0016	6.634
VOM (Ton/Yr.)	0.5295	0.5005	0.3684	1.398
PM (Ton/Yr.)	0.2612	0.2646	0.2272	0.753
SO2 (Ton/Yr.)	1.4732	1.4885	1.2815	4.243
NH3 (Ton/Yr.)	0.1601	0.1628	0.1332	0.456

Note 1: Emission Calculation for three engines are based on the emission factors listed in Section 7.2.12-Compliance Procedures of 031600CRS - Clean Air Act Permit as:

* NOX: 7.24 lb./hr.
* CO: 6.52 lb./hr.
* PM10: 0.74 lb./hr.
* SO2: 0.384 g/kw-hr.

Note 2: VOM emssion calculation for three engines are based on the results of stack testing of November 7, 2002. These emission factors are as follows:

Engine #1: VOM: 1.5 lb/hr.
Engine #2: VOM: 1.4 lb/hr.
Engine #3: VOM: 1.2 lb/hr.

Note 3: NH3 (Ammonia) Emission Calculation based on the emission factor listed in Air Chief, Fire Version 6.23 for SCR Reciprocating Internal Combustion Engines as: 9.1 lb./Million Cubic Feet.

031600CRS - 2003 MONTHLY EMISSION REPORT
SEPTEMBER 1, 2003 THROUGH SEPTEMBER 30, 2003

AIR EMISSIONS OF ENGINES

	ENGINE #1	ENGINE #2	ENGINE #3	TOTAL (ENGINES 1, 2, & 3)
Gas/MMCF	34.939000	32.441000	28.663000	96.043000
Operating Hrs.	702	645	608	1,955
MWHR	3,460.181	3,177.637	2,998.055	9,635.873
NOX (Ton/Yr.)	2.5412	2.3349	2.2010	7.077
CO (Ton/Yr.)	2.2885	2.1027	1.9821	6.373
VOM (Ton/Yr.)	0.5265	0.4515	0.3648	1.343
PM (Ton/Yr.)	0.2597	0.2387	0.2250	0.723
SO2 (Ton/Yr.)	1.4647	1.3451	1.2690	4.079
NH3 (Ton/Yr.)	0.1590	0.1476	0.1304	0.437

Note 1: Emission Calculation for three engines are based on the emission factors listed in Section 7.2.12-Compliance Procedures of 031600CRS - Clean Air Act Permit as:

* NOX: 7.24 lb./hr.
* CO: 6.52 lb./hr.
* PM10: 0.74 lb./hr.
* SO2: 0.384 g/kw-hr.

Note 2: VOM emssion calculation for three engines are based on the results of stack testing of November 7, 2002. These emission factors are as follows:

Engine #1: VOM: 1.5 lb/hr.
Engine #2: VOM: 1.4 lb/hr.
Engine #3: VOM: 1.2 lb/hr.

Note 3: NH3 (Ammonia) Emission Calculation based on the emission factor listed in Air Chief, Fire Version 6.23 for SCR Reciprocating Internal Combustion Engines as: 9.1 lb./Million Cubic Feet.

031600CRS - 2003 MONTHLY EMISSION REPORT
OCTOBER 1, 2003 THROUGH OCTOBER 31, 2003

AIR EMISSIONS OF ENGINES

	ENGINE #1	ENGINE #2	ENGINE #3	TOTAL (ENGINES 1, 2, & 3)
Gas/MMCF	15.562000	23.448000	30.939000	69.949000
Operating Hrs.	323	482	665	1,470
MWHR	1,589.118	2,370.502	3,279.983	7,239.603
NOX (Ton/Yr.)	1.1693	1.7448	2.4073	5.321
CO (Ton/Yr.)	1.0530	1.5713	2.1679	4.792
VOM (Ton/Yr.)	0.2423	0.3374	0.3990	0.979
PM (Ton/Yr.)	0.1195	0.1783	0.2461	0.544
SO2 (Ton/Yr.)	0.6727	1.0034	1.3884	3.064
NH3 (Ton/Yr.)	0.0708	0.1067	0.1408	0.318

Note 1: Emission Calculation for three engines are based on the emission factors listed in Section 7.2.12-Compliance Procedures of 031600CRS - Clean Air Act Permit as:

* NOX: 7.24 lb./hr.
* CO: 6.52 lb./hr.
* PM10: 0.74 lb./hr.
* SO2: 0.384 g/kw-hr.

Note 2: VOM emssion calculation for three engines are based on the results of stack testing of November 7, 2002. These emission factors are as follows:

Engine #1: VOM: 1.5 lb/hr.
Engine #2: VOM: 1.4 lb/hr.
Engine #3: VOM: 1.2 lb/hr.

Note 3: NH3 (Ammonia) Emission Calculation based on the emission factor listed in Air Chief, Fire Version 6.23 for SCR Reciprocating Internal Combustion Engines as: 9.1 lb./Million Cubic Feet.

031600CRS - 2003 MONTHLY EMISSION REPORT
NOVEMBER 1, 2003 THROUGH NOVEMBER 30, 2003

AIR EMISSIONS OF ENGINES

	ENGINE #1	ENGINE #2	ENGINE #3	TOTAL (ENGINES 1, 2, & 3)
Gas/MMCF	0.000000	0.000000	0.016000	0.016000
Operating Hrs.	0	0	0	0
MWHR	0.000	0.000	0.000	0.000
NOX (Ton/Yr.)	0.0000	0.0000	0.0000	0.000
CO (Ton/Yr.)	0.0000	0.0000	0.0000	0.000
VOM (Ton/Yr.)	0.0000	0.0000	0.0000	0.000
PM (Ton/Yr.)	0.0000	0.0000	0.0000	0.000
SO2 (Ton/Yr.)	0.0000	0.0000	0.0000	0.000
NH3 (Ton/Yr.)	0.0000	0.0000	0.0001	0.000

Note 1: Emission Calculation for three engines are based on the emission factors listed in Section 7.2.12-Compliance Procedures of 031600CRS - Clean Air Act Permit as:

* NOX: 7.24 lb./hr.
* CO: 6.52 lb./hr.
* PM10: 0.74 lb./hr.
* SO2: 0.384 g/kw-hr.

Note 2: VOM emssion calculation for three engines are based on the results of stack testing of November 7, 2002. These emission factors are as follows:

Engine #1: VOM: 1.5 lb/hr.
Engine #2: VOM: 1.4 lb/hr.
Engine #3: VOM: 1.2 lb/hr.

Note 3: NH3 (Ammonia) Emission Calculation based on the emission factor listed in Air Chief, Fire Version 6.23 for SCR Reciprocating Internal Combustion Engines as: 9.1 lb./Million Cubic Feet.

031600CRS - 2003 MONTHLY EMISSION REPORT
DECEMBER 1, 2003 THROUGH DECEMBER 31, 2003

AIR EMISSIONS OF ENGINES

	ENGINE #1	ENGINE #2	ENGINE #3	TOTAL (ENGINES 1, 2, & 3)
Gas/MMCF	0.000000	0.000000	0.000000	0.000000
Operating Hrs.	0	0	0	0
MWHR	0.000	0.000	0.000	0.000
NOX (Ton/Yr.)	0.0000	0.0000	0.0000	0.000
CO (Ton/Yr.)	0.0000	0.0000	0.0000	0.000
VOM (Ton/Yr.)	0.0000	0.0000	0.0000	0.000
PM (Ton/Yr.)	0.0000	0.0000	0.0000	0.000
SO2 (Ton/Yr.)	0.0000	0.0000	0.0000	0.000
NH3 (Ton/Yr.)	0.0000	0.0000	0.0000	0.000

Note 1: Emission Calculation for three engines are based on the emission factors listed in Section 7.2.12-Compliance Procedures of 031600CRS - Clean Air Act Permit as:

* NOX: 7.24 lb./hr.
* CO: 6.52 lb./hr.
* PM10: 0.74 lb./hr.
* SO2: 0.384 g/kw-hr.

Note 2: VOM emssion calculation for three engines are based on the results of stack testing of November 7, 2002. These emission factors are as follows:

Engine #1: VOM: 1.5 lb/hr.
Engine #2: VOM: 1.4 lb/hr.
Engine #3: VOM: 1.2 lb/hr.

Note 3: NH3 (Ammonia) Emission Calculation based on the emission factor listed in Air Chief, Fire Version 6.23 for SCR Reciprocating Internal Combustion Engines as: 9.1 lb./Million Cubic Feet.

031600CRS - 2003 MONTHLY EMISSION REPORT
JANUARY 1, 2003 THROUGH DECEMBER 31, 2003

AIR EMISSIONS OF TURBINES

	TURBINE #1	TURBINE #2	TURBINE #3	TOTAL (TURBINE 1, 2, & 3)
Gas/MMCF	472.703000	451.158000	467.077000	1,390.938000
Operating Hrs.	6,944	6,621	6,754	20,319
MWHR	47,000.662	44,918.652	46,515.487	138,434.801
NOX (Ton/(Yr.)	21.8861	20.8886	21.6257	64.400
CO (Ton/Yr.)	26.7011	25.4841	26.3833	78.569
VOM (Ton/Yr.)	2.1448	2.0471	2.1193	6.311
PM (Ton/Yr.)	5.2527	5.0133	5.1902	15.456
SO2 (Ton/Yr.)	1.3367	0.7416	0.7429	2.821
NH3 (Ton/Yr.)	2.1508	2.0528	2.1252	6.329

Note 1: Emission Calculation based on the emission factors listed in Section 7.3.12-Compliance Procedures of 031600CRS - Clean Air Act Permit as:

* CO: 0.122 lb/mmbtu. NOX: 0.10 lb/mmbtu. PM10: 0.024 lb/mmbtu
* VOM: 0.0098 lb/mmbtu. SO2: 0.94 S

Note2: NH3 Emission Calculation based on the emission factor listed in Air Chief, Fire Version 6.23 for Gas Turbine as:

* NH3: 9.1lb./Million Cubic Feet.

31600CRS - 2003 MONTHLY EMISSION REPORT
JANUARY 1, 2003 THROUGH JANUARY 31, 2003

AIR EMISSIONS OF TURBINES

	TURBINE #1	TURBINE #2	TURBINE #3	TOTAL (TURBINE 1, 2, & 3)
Gas/MMCF	46.826000	51.917000	52.347000	151.090000
Operating Hrs.	658	726	734	2,118
MWHR	4,719.019	5,225.521	5,252.138	15,196.678
NOX (Ton/Mo.)	2.1704	2.4064	2.4263	7.003
CO (Ton/Mo.)	2.6479	2.9358	2.9601	8.544
VOM (Ton/Mo.)	0.2127	0.2358	0.2378	0.686
PM (Ton/Mo.)	0.5209	0.5775	0.5823	1.681
SO2 (Ton/Mo.)	0.1267	0.0813	0.0807	0.289
NH3 (Ton/Mo.)	0.2131	0.2362	0.2382	0.687

Note 1: Emission Calculation based on the emission factors listed in Section 7.3.12-Compliance Procedures of 031600CRS - Clean Air Act Permit as:

* CO: 0.122 lb/mmbtu. NOX: 0.10 lb/mmbtu. PM10: 0.024 lb/mmbtu
* VOM: 0.0098 lb/mmbtu. SO2: 0.94 S

Note2: NH3 Emission Calculation based on the emission factor listed in Air Chief, Fire Version 6.23 for Gas Turbine as:

* NH3: 9.1lb./Million Cubic Feet.

031600CRS - 2003 MONTHLY EMISSION REPORT
FEBRUARY 1, 2003 THROUGH FEBRUARY 28, 2003

AIR EMISSIONS OF TURBINES

	TURBINE #1	TURBINE #2	TURBINE #3	TOTAL (TURBINE 1, 2, & 3)
Gas/MMCF	46.873000	46.978000	46.425000	140.276000
Operating Hrs.	671	672	664	2,007
MWHR	4,824.394	4,830.476	4,778.730	14,433.600
NOX (Ton/Mo.)	2.1983	2.2033	2.1773	6.579
CO (Ton/Mo.)	2.6820	2.6880	2.6563	8.026
VOM (Ton/Mo.)	0.2154	0.2159	0.2134	0.645
PM (Ton/Mo.)	0.5276	0.5288	0.5226	1.579
SO2 (Ton/Mo.)	0.1292	0.0753	0.0730	0.277
NH3 (Ton/Mo.)	0.2133	0.2138	0.2112	0.638

Note 1: Emission Calculation based on the emission factors listed in Section 7.3.12-Compliance Procedures of 031600CRS - Clean Air Act Permit as:

* CO: 0.122 lb/mmbtu. NOX: 0.10 lb/mmbtu. PM10: 0.024 lb/mmbtu
* VOM: 0.0098 lb/mmbtu. SO2: 0.94 S

Note2: NH3 Emission Calculation based on the emission factor listed in Air Chief, Fire Version 6.23 for Gas Turbine as:

* NH3: 9.1lb./Million Cubic Feet.

031600CRS - 2003 MONTHLY EMISSION REPORT
MARCH 1, 2003 THROUGH MARCH 31, 2003

AIR EMISSIONS OF TURBINES

	TURBINE #1	TURBINE #2	TURBINE #3	TOTAL (TURBINE 1, 2, & 3)
Gas/MMCF	51.155000	10.607000	51.440000	113.202000
Operating Hrs.	743	157	743	1,643
MWHR	5,211.485	1,084.079	5,193.832	11,489.396
NOX (Ton/Mo.)	2.3941	0.4964	2.4074	5.298
CO (Ton/Mo.)	2.9207	0.6056	2.9370	6.463
VOM (Ton/Mo.)	0.2346	0.0486	0.2359	0.519
PM (Ton/Mo.)	0.5746	0.1191	0.5778	1.271
SO2 (Ton/Mo.)	0.1430	0.0176	0.0817	0.242
NH3 (Ton/Mo.)	0.2328	0.0483	0.2341	0.515

Note 1: Emission Calculation based on the emission factors listed in Section 7.3.12-Compliance Procedures of 031600CRS - Clean Air Act Permit as:

* CO: 0.122 lb/mmbtu. NOX: 0.10 lb/mmbtu. PM10: 0.024 lb/mmbtu
* VOM: 0.0098 lb/mmbtu. SO2: 0.94 S

Note2: NH3 Emission Calculation based on the emission factor listed in Air Chief, Fire Version 6.23 for Gas Turbine as:

* NH3: 9.1lb./Million Cubic Feet.

031600CRS - 2003 MONTHLY EMISSION REPORT
APRIL 1, 2003 THROUGH APRIL 30, 2003

AIR EMISSIONS OF TURBINES

	TURBINE #1	TURBINE #2	TURBINE #3	TOTAL (TURBINE 1, 2, & 3)
Gas/MMCF	40.301000	15.606000	44.644000	100.551000
Operating Hrs.	589	223	657	1,469
MWHR	4,099.201	1,534.465	4,501.429	10,135.095
NOX (Ton/Mo.)	1.8780	0.7272	2.0804	4.686
CO (Ton/Mo.)	2.2912	0.8872	2.5381	5.717
VOM (Ton/Mo.)	0.1840	0.0713	0.2039	0.459
PM (Ton/Mo.)	0.4507	0.1745	0.4993	1.125
SO2 (Ton/Mo.)	0.1134	0.0250	0.0723	0.211
NH3 (Ton/Mo.)	0.1834	0.0710	0.2031	0.458

Note 1: Emission Calculation based on the emission factors listed in Section 7.3.12-Compliance Procedures of 031600CRS - Clean Air Act Permit as:

* CO: 0.122 lb/mmbtu. NOX: 0.10 lb/mmbtu. PM10: 0.024 lb/mmbtu
* VOM: 0.0098 lb/mmbtu. SO2: 0.94 S

Note2: NH3 Emission Calculation based on the emission factor listed in Air Chief, Fire Version 6.23 for Gas Turbine as:

* NH3: 9.1lb./Million Cubic Feet gas burned.

031600CRS - 2003 MONTHLY EMISSION REPORT
MAY 1, 2003 THROUGH MAY 31 2003

AIR EMISSIONS OF TURBINES

	TURBINE #1	TURBINE #2	TURBINE #3	TOTAL (TURBINE 1, 2, & 3)
Gas/MMCF	0.000000	50.026000	51.235000	101.261000
Operating Hrs.	0	737	744	1,481
MWHR	0.000	4,982.880	5,055.919	10,038.799
NOX (Ton/Mo.)	0.0000	2.3012	2.3568	4.658
CO (Ton/Mo.)	0.0000	2.8075	2.8753	5.683
VOM (Ton/Mo.)	0.0000	0.2255	0.2310	0.456
PM (Ton/Mo.)	0.0000	0.5523	0.5656	1.118
SO2 (Ton/Mo.)	0.0000	0.0825	0.0818	0.164
NH3 (Ton/Mo.)	0.0000	0.2276	0.2331	0.461

Note 1: Emission Calculation based on the emission factors listed in Section 7.3.12-Compliance Procedures of 031600CRS - Clean Air Act Permit as:

* CO: 0.122 lb/mmbtu. NOX: 0.10 lb/mmbtu. PM10: 0.024 lb/mmbtu
* VOM: 0.0098 lb/mmbtu. SO2: 0.94 S

Note2: NH3 Emission Calculation based on the emission factor listed in Air Chief, Fire Version 6.23 for Gas Turbine as:

* NH3: 9.1lb./Million Cubic Feet gas burned.

031600CRS - 2003 MONTHLY EMISSION REPORT
JUNE 1, 2003 THROUGH JUNE 30, 2003

AIR EMISSIONS OF TURBINES

	TURBINE #1	TURBINE #2	TURBINE #3	TOTAL (TURBINE 1, 2, & 3)
Gas/MMCF	34.279000	26.496000	34.853000	95.628000
Operating Hrs.	521	395	527	1,443
MWHR	3,351.398	2,604.275	3,424.645	9,380.318
NOX (Ton/Mo.)	1.5820	1.2228	1.6085	4.413
CO (Ton/Mo.)	1.9300	1.4918	1.9623	5.384
VOM (Ton/Mo.)	0.1550	0.1198	0.1576	0.433
PM (Ton/Mo.)	0.3797	0.2935	0.3860	1.059
SO2 (Ton/Mo.)	0.1003	0.0442	0.0580	0.203
NH3 (Ton/Mo.)	0.1560	0.1206	0.1586	0.435

Note 1: Emission Calculation based on the emission factors listed in Section 7.3.12-Compliance Procedures of 031600CRS - Clean Air Act Permit as:

* CO: 0.122 lb/mmbtu. NOX: 0.10 lb/mmbtu. PM10: 0.024 lb/mmbtu
* VOM: 0.0098 lb/mmbtu. SO2: 0.94 S

Note2: NH3 Emission Calculation based on the emission factor listed in Air Chief, Fire Version 6.23 for Gas Turbine as:

* NH3: 9.1lb./Million Cubic Feet gas burned.

031600CRS - 2003 MONTHLY EMISSION REPORT
JULY 1, 2003 THROUGH JULY 31, 2003

AIR EMISSIONS OF TURBINES

	TURBINE #1	TURBINE #2	TURBINE #3	TOTAL (TURBINE 1, 2, & 3)
Gas/MMCF	46.829000	11.445000	35.200000	93.474000
Operating Hrs.	744	181	561	1,486
MWHR	4,620.948	1,137.446	3,473.356	9,231.750
NOX (Ton/Mo.)	2.1541	0.5265	1.6192	4.300
CO (Ton/Mo.)	2.6280	0.6423	1.9754	5.246
VOM (Ton/Mo.)	0.2111	0.0516	0.1587	0.421
PM (Ton/Mo.)	0.5170	0.1264	0.3886	1.032
SO2 (Ton/Mo.)	0.1432	0.0203	0.0617	0.225
NH3 (Ton/Mo.)	0.2131	0.0521	0.1602	0.425

Note 1: Emission Calculation based on the emission factors listed in Section 7.3.12-Compliance Procedures of 031600CRS - Clean Air Act Permit as:

* CO: 0.122 lb/mmbtu. NOX: 0.10 lb/mmbtu. PM10: 0.024 lb/mmbtu
* VOM: 0.0098 lb/mmbtu. SO2: 0.94 S

Note2: NH3 Emission Calculation based on the emission factor listed in Air Chief, Fire Version 6.23 for Gas Turbine as:

* NH3: 9.1lb./Million Cubic Feet gas burned.

031600CRS - 2003 MONTHLY EMISSION REPORT
AUGUST 1, 2003 THROUGH AUGUST 31, 2003

AIR EMISSIONS OF TURBINES

	TURBINE #1	TURBINE #2	TURBINE #3	TOTAL (TURBINE 1, 2, & 3)
Gas/MMCF	45.971000	45.459000	0.000000	91.430000
Operating Hrs.	737	736	0	1,473
MWHR	4,491.949	4,472.895	0.000	8,964.844
NOX (Ton/Mo.)	2.1308	2.1070	0.0000	4.238
CO (Ton/Mo.)	2.5995	2.5706	0.0000	5.170
VOM (Ton/Mo.)	0.2088	0.2065	0.0000	0.415
PM (Ton/Mo.)	0.5114	0.5057	0.0000	1.017
SO2 (Ton/Mo.)	0.1419	0.0824	0.0000	0.224
NH3 (Ton/Mo.)	0.2092	0.2068	0.0000	0.416

Note 1: Emission Calculation based on the emission factors listed in Section 7.3.12-Compliance Procedures of 031600CRS - Clean Air Act Permit as:

* CO: 0.122 lb/mmbtu. NOX: 0.10 lb/mmbtu. PM10: 0.024 lb/mmbtu
* VOM: 0.0098 lb/mmbtu. SO2: 0.94 S

Note2: NH3 Emission Calculation based on the emission factor listed in Air Chief, Fire Version 6.23 for Gas Turbine as:

* NH3: 9.1lb./Million Cubic Feet gas burned.

031600CRS - 2003 MONTHLY EMISSION REPORT
SEPTEMBER 1, 2003 THROUGH SEPTEMBER 30, 2003

AIR EMISSIONS OF TURBINES

	TURBINE #1	TURBINE #2	TURBINE #3	TOTAL (TURBINE 1, 2, & 3)
Gas/MMCF	47.404000	46.835000	0.000000	94.239000
Operating Hrs.	720	717	0	1,437
MWHR	4,645.819	4,613.818	0.000	9,259.637
NOX (Ton/Mo.)	2.1758	2.1497	0.0000	4.326
CO (Ton/Mo.)	2.6545	2.6227	0.0000	5.277
VOM (Ton/Mo.)	0.2165	0.2139	0.0000	0.430
PM (Ton/Mo.)	0.5222	0.5159	0.0000	1.038
SO2 (Ton/Mo.)	0.1386	0.0803	0.0000	0.219
NH3 (Ton/Mo.)	0.2157	0.2131	0.0000	0.429

Note 1: Emission Calculation based on the emission factors listed in Section 7.3.12-Compliance Procedures of 031600CRS - Clean Air Act Permit as:

* CO: 0.122 lb/mmbtu. NOX: 0.10 lb/mmbtu. PM10: 0.024 lb/mmbtu
* VOM: 0.0098 lb/mmbtu. SO2: 0.94 S

Note2: NH3 Emission Calculation based on the emission factor listed in Air Chief, Fire Version 6.23 for Gas Turbine as:

* NH3: 9.1lb./Million Cubic Feet gas burned.

031600CRS - 2003 MONTHLY EMISSION REPORT
OCTOBER 1, 2003 THROUGH OCTOBER 31, 2003

AIR EMISSIONS OF TURBINES

	TURBINE #1	TURBINE #2	TURBINE #3	TOTAL (TURBINE 1, 2, & 3)
Gas/MMCF	15.173000	46.567000	47.410000	109.150000
Operating Hrs.	216	695	689	1,600
MWHR	1,504.215	4,685.499	4,708.166	10,897.880
NOX (Ton/Mo.)	0.6980	2.1421	2.1809	5.021
CO (Ton/Mo.)	0.8515	2.6133	2.6606	6.126
VOM (Ton/Mo.)	0.0684	0.2099	0.2137	0.492
PM (Ton/Mo.)	0.1675	0.5141	0.5234	1.205
SO2 (Ton/Mo.)	0.0416	0.0778	0.0758	0.195
NH3 (Ton/Mo.)	0.0690	0.2119	0.2157	0.497

Note 1: Emission Calculation based on the emission factors listed in Section 7.3.12-Compliance Procedures of 031600CRS - Clean Air Act Permit as:

* CO: 0.122 lb/mmbtu. NOX: 0.10 lb/mmbtu. PM10: 0.024 lb/mmbtu
* VOM: 0.0098 lb/mmbtu. SO2: 0.94 S

Note2: NH3 Emission Calculation based on the emission factor listed in Air Chief, Fire Version 6.23 for Gas Turbine as:

* NH3: 9.1lb./Million Cubic Feet gas burned.

031600CRS - 2003 MONTHLY EMISSION REPORT
NOVEMVER 1, 2003 THROUGH NOVEMBER 30, 2003

AIR EMISSIONS OF TURBINES

	TURBINE #1	TURBINE #2	TURBINE #3	TOTAL (TURBINE 1, 2, & 3)
Gas/MMCF	44.257000	46.098000	50.705000	141.060000
Operating Hrs.	607	642	697	1,946
MWHR	4,254.493	4,474.884	4,910.079	13,639.456
NOX (Ton/Mo.)	2.0513	2.1366	2.3502	6.538
CO (Ton/Mo.)	2.5026	2.6067	2.8672	7.977
VOM (Ton/Mo.)	0.2010	0.2094	0.2303	0.641
PM (Ton/Mo.)	0.4923	0.5128	0.5640	1.569
SO2 (Ton/Mo.)	0.1168	0.0719	0.0767	0.265
NH3 (Ton/Mo.)	0.2014	0.2097	0.2307	0.642

Note 1: Emission Calculation based on the emission factors listed in Section 7.3.12-Compliance Procedures of 031600CRS - Clean Air Act Permit as:

* CO: 0.122 lb/mmbtu. NOX: 0.10 lb/mmbtu. PM10: 0.024 lb/mmbtu
* VOM: 0.0098 lb/mmbtu. SO2: 0.94 S

Note2: NH3 Emission Calculation based on the emission factor listed in Air Chief, Fire Version 6.23 for Gas Turbine as:

* NH3: 9.1lb./Million Cubic Feet gas burned.

031600CRS - 2003 MONTHLY EMISSION REPORT
DECEMBER 1, 2003 THROUGH DECEMBER 31, 2003

AIR EMISSIONS OF TURBINES

	TURBINE #1	TURBINE #2	TURBINE #3	TOTAL (TURBINE 1, 2, & 3)
Gas/MMCF	53.635000	53.124000	52.818000	159.577000
Operating Hrs.	739	740	738	2,217
MWHR	5,277.741	5,272.414	5,217.194	15,767.349
NOX (Ton/Mo.)	2.4779	2.4543	2.4402	7.372
CO (Ton/Mo.)	3.0231	2.9943	2.9770	8.994
VOM (Ton/Mo.)	0.2428	0.2405	0.2391	0.723
PM (Ton/Mo.)	0.5947	0.5890	0.5856	1.769
SO2 (Ton/Mo.)	0.1423	0.0829	0.0812	0.306
NH3 (Ton/Mo.)	0.2440	0.2417	0.2403	0.726

Note 1: Emission Calculation based on the emission factors listed in Section 7.3.12-Compliance Procedures of 031600CRS - Clean Air Act Permit as:

* CO: 0.122 lb/mmbtu. NOX: 0.10 lb/mmbtu. PM10: 0.024 lb/mmbtu
* VOM: 0.0098 lb/mmbtu. SO2: 0.94 S

Note2: NH3 Emission Calculation based on the emission factor listed in Air Chief, Fire Version 6.23 for Gas Turbine as:

* NH3: 9.1lb./Million Cubic Feet gas burned.

031600CRS - 2003 MONTHLY EMISSION REPORT
JANUARY 1, 2003 THROUGH DECEMBER 31, 2003

AIR EMISSIONS OF DUCT BURNERS

	DUCT BURNER #1	DUCT BURNER #2	DUCT BURNER #3	TOTAL (DUCT BURNERS 1, 2, &3)
Gas/MMCF	205.905000	190.264000	242.415000	638.584000
NOX (Ton/Yr.)	10.4867	9.6901	12.3462	32.523
CO (Ton/Yr.)	7.6267	7.0474	8.9791	23.653
VOM (Ton/Yr.)	1.8113	1.6738	2.1325	5.618
PM (Ton/Yr.)	0.9533	0.8809	1.1224	2.957
SO2 (Ton/Yr.)	0.0001	0.0001	0.0001	0.000
NH3 (Ton/Yr.)	0.3294	0.3044	0.3879	1.022

Note 1: Emission Calculation based on the emission factors for duct burners, listed in Section 7.3.12-Compliance Procedures of 031600CRS - Clean Air Act Permit as:
CO=0.08 lb/mmbtu. NOX=0.11 lb/mmbtu. PM10: 0.01 lb/mmbtu VOM: 0.019 lb/mmbtu SO2: 0.0006 lb/Million Cu. Ft.

Note 2: NH3 (Ammonia) Emission Calculation based on the emission factor listed in 2003 Annua Emission Report Instructions for UnControled Natural Gas Boilers<100Million Btu/Hr. as: 3.2 lb./Million Cubic Feet.

031600CRS - 2003 MONTHLY EMISSION REPORT
JANUARY 1, 2003 THROUGH JANUARY 31, 2003

AIR EMISSIONS OF DUCT BURNERS

	DUCT BURNER #1	DUCT BURNER #2	DUCT BURNER #3	TOTAL (DUCT BURNERS 1, 2, &3)
Gas/MMCF	34.524000	36.501000	38.245000	109.270000
NOX (Ton/Mo.)	1.7602	1.8610	1.9499	5.571
CO (Ton/Mo.)	1.2802	1.3535	1.4181	4.052
VOM (Ton/Mo.)	0.3040	0.3214	0.3368	0.962
PM (Ton/Mo.)	0.1600	0.1692	0.1773	0.506
SO2 (Ton/Mo.)	0.0000	0.0000	0.0000	0.000
NH3 (Ton/Mo.)	0.0552	0.0584	0.0612	0.175

Note 1: Emission Calculation based on the emission factors for duct burners, listed in Section 7.3.12-Compliance Procedures of 031600CRS - Clean Air Act Permit as:
CO=0.08 lb/mmbtu. NOX=0.11 lb/mmbtu. PM10: 0.01 lb/mmbtu VOM: 0.019 lb/mmbtu SO2: 0.0006 lb/Million Cu. Ft.

Note 2: NH3 (Ammonia) Emission Calculation based on the emission factor listed in 2003 Annua Emission Report Instructions for UnControled Natural Gas Boilers<100Million Btu/Hr. as: 3.2 lb./Million Cubic Feet.

031600CRS - 2003 MONTHLY EMISSION REPORT
FEBRUARY 1, 2003 THROUGH FEBRUARY 28, 2003

AIR EMISSIONS OF DUCT BURNERS

	DUCT BURNER #1	DUCT BURNER #2	DUCT BURNER #3	TOTAL (DUCT BURNERS 1, 2, &3)
Gas/MMCF	33.942000	31.095000	33.466000	98.503000
NOX (Ton/Mo.)	1.7511	1.6042	1.7265	5.082
CO (Ton/Mo.)	1.2735	1.1667	1.2556	3.696
VOM (Ton/Mo.)	0.3025	0.2771	0.2982	0.878
PM (Ton/Mo.)	0.1592	0.1458	0.1570	0.462
SO2 (Ton/Mo.)	0.0000	0.0000	0.0000	0.000
NH3 (Ton/Mo.)	0.0543	0.0498	0.0535	0.158

Note 1: Emission Calculation based on the emission factors for duct burners, listed in Section 7.3.12-Compliance Procedures of 031600CRS - Clean Air Act Permit as:
CO=0.08 lb/mmbtu. NOX=0.11 lb/mmbtu. PM10: 0.01 lb/mmbtu VOM: 0.019 lb/mmbtu SO2: 0.0006 lb/Million Cu. Ft.

Note 2: NH3 (Ammonia) Emission Calculation based on the emission factor listed in 2003 Annua Emission Report Instructions for UnControled Natural Gas Boilers<100Million Btu/Hr. as: 3.2 lb./Million Cubic Feet.

031600CRS - 2003 MONTHLY EMISSION REPORT
MARCH 1, 2003 THROUGH MARCH 31, 2003

AIR EMISSIONS OF DUCT BURNERS

	DUCT BURNER #1	DUCT BURNER #2	DUCT BURNER #3	TOTAL (DUCT BURNERS 1, 2, &3)
Gas/MMCF	34.635000	6.501000	34.686000	75.822000
NOX (Ton/Mo.)	1.7830	0.3347	1.7856	3.903
CO (Ton/Mo.)	1.2967	0.2434	1.2986	2.839
VOM (Ton/Mo.)	0.3080	0.0578	0.3084	0.674
PM (Ton/Mo.)	0.1621	0.0304	0.1623	0.355
SO2 (Ton/Mo.)	0.0000	0.0000	0.0000	0.000
NH3 (Ton/Mo.)	0.0554	0.0104	0.0555	0.121

Note 1: Emission Calculation based on the emission factors for duct burners, listed in Section 7.3.12-Compliance Procedures of 031600CRS - Clean Air Act Permit as:
CO=0.08 lb/mmbtu. NOX=0.11 lb/mmbtu. PM10: 0.01 lb/mmbtu VOM: 0.019 lb/mmbtu SO2: 0.0006 lb/Million Cu. Ft.

Note 2: NH3 (Ammonia) Emission Calculation based on the emission factor listed in 2003 Annua Emission Report Instructions for UnControled Natural Gas Boilers<100Million Btu/Hr. as: 3.2 lb./Million Cubic Feet.

031600CRS - 2003 MONTHLY EMISSION REPORT
APRIL 1, 2003 THROUGH APRIL 30, 2003

AIR EMISSIONS OF DUCT BURNERS

	DUCT BURNER #1	DUCT BURNER #2	DUCT BURNER #3	TOTAL (DUCT BURNERS 1, 2, &3)
Gas/MMCF	24.434000	7.112000	23.668000	55.214000
NOX (Ton/Mo.)	1.2525	0.3646	1.2132	2.830
CO (Ton/Mo.)	0.9109	0.2651	0.8823	2.058
VOM (Ton/Mo.)	0.2163	0.0630	0.2096	0.489
PM (Ton/Mo.)	0.1139	0.0331	0.1103	0.257
SO2 (Ton/Mo.)	0.0000	0.0000	0.0000	0.000
NH3 (Ton/Mo.)	0.0391	0.0114	0.0379	0.088

Note 1: Emission Calculation based on the emission factors for duct burners, listed in Section 7.3.12-Compliance Procedures of 031600CRS - Clean Air Act Permit as:
CO=0.08 lb/mmbtu. NOX=0.11 lb/mmbtu. PM10: 0.01 lb/mmbtu VOM: 0.019 lb/mmbtu SO2: 0.0006 lb/Million Cu. Ft.

Note 2: NH3 (Ammonia) Emission Calculation based on the emission factor listed in 2003 Annua Emission Report Instructions for UnControled Natural Gas Boilers<100Million Btu/Hr. as: 3.2 lb./Million Cubic Feet.

031600CRS - 2003 MONTHLY EMISSION REPORT
MAY 1, 2003 THROUGH MAY 31, 2003

AIR EMISSIONS OF DUCT BURNERS

	DUCT BURNER #1	DUCT BURNER #2	DUCT BURNER #3	TOTAL (DUCT BURNERS 1, 2, &3)
Gas/MMCF	0.000000	22.354000	21.374000	43.728000
NOX (Ton/Mo.)	0.0000	1.1311	1.0815	2.213
CO (Ton/Mo.)	0.0000	0.8226	0.7866	1.609
VOM (Ton/Mo.)	0.0000	0.1954	0.1868	0.382
PM (Ton/Mo.)	0.0000	0.1028	0.0983	0.201
SO2 (Ton/Mo.)	0.0000	0.0000	0.0000	0.000
NH3 (Ton/Mo.)	0.0000	0.0358	0.0342	0.070

Note 1: Emission Calculation based on the emission factors for duct burners, listed in Section 7.3.12-Compliance Procedures of 031600CRS - Clean Air Act Permit as:
CO=0.08 lb/mmbtu. NOX=0.11 lb/mmbtu. PM10: 0.01 lb/mmbtu VOM: 0.019 lb/mmbtu SO2: 0.0006 lb/Million Cu. Ft.

Note 2: NH3 (Ammonia) Emission Calculation based on the emission factor listed in 2003 Annua Emission Report Instructions for UnControled Natural Gas Boilers<100Million Btu/Hr. as: 3.2 lb./Million Cubic Feet.

031600CRS - 2003 MONTHLY EMISSION REPORT
JUNE 1, 2003 THROUGH JUNE 30, 2003

AIR EMISSIONS OF DUCT BURNERS

	DUCT BURNER #1	DUCT BURNER #2	DUCT BURNER #3	TOTAL (DUCT BURNERS 1, 2, &3)
Gas/MMCF	6.169000	8.808000	11.253000	26.230000
NOX (Ton/Mo.)	0.3132	0.4471	0.5713	1.332
CO (Ton/Mo.)	0.2278	0.3252	0.4155	0.968
VOM (Ton/Mo.)	0.0541	0.0772	0.0987	0.230
PM (Ton/Mo.)	0.0285	0.0406	0.0519	0.121
SO2 (Ton/Mo.)	0.0000	0.0000	0.0000	0.000
NH3 (Ton/Mo.)	0.0099	0.0141	0.0180	0.042

Note 1: Emission Calculation based on the emission factors for duct burners, listed in Section 7.3.12-Compliance Procedures of 031600CRS - Clean Air Act Permit as:
CO=0.08 lb/mmbtu. NOX=0.11 lb/mmbtu. PM10: 0.01 lb/mmbtu VOM: 0.019 lb/mmbtu SO2: 0.0006 lb/Million Cu. Ft.

Note 2: NH3 (Ammonia) Emission Calculation based on the emission factor listed in 2003 Annua Emission Report Instructions for UnControled Natural Gas Boilers<100Million Btu/Hr. as: 3.2 lb./Million Cubic Feet.

031600CRS - 2003 MONTHLY EMISSION REPORT
JULY 1, 2003 THROUGH JULY 31, 2003

AIR EMISSIONS OF DUCT BURNERS

	DUCT BURNER #1	DUCT BURNER #2	DUCT BURNER #3	TOTAL (DUCT BURNERS 1, 2, &3)
Gas/MMCF	7.075000	0.000000	10.593000	17.668000
NOX (Ton/Mo.)	0.3580	0.0000	0.5360	0.894
CO (Ton/Mo.)	0.2604	0.0000	0.3898	0.650
VOM (Ton/Mo.)	0.0618	0.0000	0.0926	0.154
PM (Ton/Mo.)	0.0325	0.0000	0.0487	0.081
SO2 (Ton/Mo.)	0.0000	0.0000	0.0000	0.000
NH3 (Ton/Mo.)	0.0113	0.0000	0.0169	0.028

Note 1: Emission Calculation based on the emission factors for duct burners, listed in Section 7.3.12-Compliance Procedures of 031600CRS - Clean Air Act Permit as:
CO=0.08 lb/mmbtu. NOX=0.11 lb/mmbtu. PM10: 0.01 lb/mmbtu VOM: 0.019 lb/mmbtu SO2: 0.0006 lb/Million Cu. Ft.

Note 2: NH3 (Ammonia) Emission Calculation based on the emission factor listed in 2003 Annua Emission Report Instructions for UnControled Natural Gas Boilers<100Million Btu/Hr. as: 3.2 lb./Million Cubic Feet.

031600CRS - 2003 MONTHLY EMISSION REPORT
AUGUST 1, 2003 THROUGH AUGUST 31, 2003

AIR EMISSIONS OF DUCT BURNERS

	DUCT BURNER #1	DUCT BURNER #2	DUCT BURNER #3	TOTAL (DUCT BURNERS 1, 2, &3)
Gas/MMCF	9.922000	3.475000	0.000000	13.397000
NOX (Ton/Mo.)	0.5059	0.1772	0.0000	0.683
CO (Ton/Mo.)	0.3679	0.1289	0.0000	0.497
VOM (Ton/Mo.)	0.0874	0.0306	0.0000	0.118
PM (Ton/Mo.)	0.0460	0.0161	0.0000	0.062
SO2 (Ton/Mo.)	0.0000	0.0000	0.0000	0.000
NH3 (Ton/Mo.)	0.0159	0.0056	0.0000	0.021

Note 1: Emission Calculation based on the emission factors for duct burners, listed in Section 7.3.12-Compliance Procedures of 031600CRS - Clean Air Act Permit as:
CO=0.08 lb/mmbtu. NOX=0.11 lb/mmbtu. PM10: 0.01 lb/mmbtu VOM: 0.019 lb/mmbtu SO2: 0.0006 lb/Million Cu. Ft.

Note 2: NH3 (Ammonia) Emission Calculation based on the emission factor listed in 2003 Annua Emission Report Instructions for UnControled Natural Gas Boilers<100Million Btu/Hr. as: 3.2 lb./Million Cubic Feet.

031600CRS - 2003 MONTHLY EMISSION REPORT
SEPTEMBER 1, 2003 THROUGH SEPTEMBER 30, 2003

AIR EMISSIONS OF DUCT BURNERS

	DUCT BURNER #1	DUCT BURNER #2	DUCT BURNER #3	TOTAL (DUCT BURNERS 1, 2, &3)
Gas/MMCF	6.692000	15.956000	0.000000	22.648000
NOX (Ton/Mo.)	0.3379	0.8056	0.0000	1.144
CO (Ton/Mo.)	0.2457	0.5859	0.0000	0.832
VOM (Ton/Mo.)	0.0584	0.1392	0.0000	0.198
PM (Ton/Mo.)	0.0307	0.0732	0.0000	0.104
SO2 (Ton/Mo.)	0.0000	0.0000	0.0000	0.000
NH3 (Ton/Mo.)	0.0107	0.0255	0.0000	0.036

Note 1: Emission Calculation based on the emission factors for duct burners, listed in Section 7.3.12-Compliance Procedures of 031600CRS - Clean Air Act Permit as:
CO=0.08 lb/mmbtu. NOX=0.11 lb/mmbtu. PM10: 0.01 lb/mmbtu VOM: 0.019 lb/mmbtu SO2: 0.0006 lb/Million Cu. Ft.

Note 2: NH3 (Ammonia) Emission Calculation based on the emission factor listed in 2003 Annua Emission Report Instructions for UnControled Natural Gas Boilers<100Million Btu/Hr. as: 3.2 lb./Million Cubic Feet.

031600CRS - 2003 MONTHLY EMISSION REPORT
OCTOBER 1, 2003 THROUGH OCTOBER 31, 2003

AIR EMISSIONS OF DUCT BURNERS

	DUCT BURNER #1	DUCT BURNER #2	DUCT BURNER #3	TOTAL (DUCT BURNERS 1, 2, &3)
Gas/MMCF	5.232000	15.383000	24.295000	44.910000
NOX (Ton/Mo.)	0.2647	0.7784	1.2293	2.272
CO (Ton/Mo.)	0.1925	0.5661	0.8941	1.653
VOM (Ton/Mo.)	0.0457	0.1344	0.2123	0.393
PM (Ton/Mo.)	0.0241	0.0708	0.1118	0.207
SO2 (Ton/Mo.)	0.0000	0.0000	0.0000	0.000
NH3 (Ton/Mo.)	0.0084	0.0246	0.0389	0.072

Note 1: Emission Calculation based on the emission factors for duct burners, listed in Section 7.3.12-Compliance Procedures of 031600CRS - Clean Air Act Permit as:
CO=0.08 lb/mmbtu. NOX=0.11 lb/mmbtu. PM10: 0.01 lb/mmbtu VOM: 0.019 lb/mmbtu SO2: 0.0006 lb/Million Cu. Ft.

Note 2: NH3 (Ammonia) Emission Calculation based on the emission factor listed in 2003 Annua Emission Report Instructions for UnControled Natural Gas Boilers<100Million Btu/Hr. as: 3.2 lb./Million Cubic Feet.

31600CRS - 2003 MONTHLY EMISSION REPORT
NOVEMBER 1, 2003 THROUGH NOVEMBER 30, 2003

AIR EMISSIONS OF DUCT BURNERS

	DUCT BURNER #1	DUCT BURNER #2	DUCT BURNER #3	TOTAL (DUCT BURNERS 1, 2, &3)
Gas/MMCF	16.980000	15.696000	18.532000	51.208000
NOX (Ton/Mo.)	0.8657	0.8003	0.9449	2.611
CO (Ton/Mo.)	0.6296	0.5820	0.6872	1.899
VOM (Ton/Mo.)	0.1495	0.1382	0.1632	0.451
PM (Ton/Mo.)	0.0787	0.0728	0.0859	0.237
SO2 (Ton/Mo.)	0.0000	0.0000	0.0000	0.000
NH3 (Ton/Mo.)	0.0272	0.0251	0.0297	0.082

Note 1: Emission Calculation based on the emission factors for duct burners, listed in Section 7.3.12-Compliance Procedures of 031600CRS - Clean Air Act Permit as:
CO=0.08 lb/mmbtu. NOX=0.11 lb/mmbtu. PM10: 0.01 lb/mmbtu VOM: 0.019 lb/mmbtu SO2: 0.0006 lb/Million Cu. Ft.

Note 2: NH3 (Ammonia) Emission Calculation based on the emission factor listed in 2003 Annua Emission Report Instructions for UnControled Natural Gas Boilers<100Million Btu/Hr. as: 3.2 lb./Million Cubic Feet.

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DECEMBER 1, 2003 THROUGH DECEMBER 31, 2003

AIR EMISSIONS OF DUCT BURNERS

	DUCT BURNER #1	DUCT BURNER #2	DUCT BURNER #3	TOTAL (DUCT BURNERS 1, 2, &3)
Gas/MMCF	26.300000	27.383000	26.303000	79.986000
NOX (Ton/Mo.)	1.3366	1.3916	1.3367	4.065
CO (Ton/Mo.)	0.9720	1.0121	0.9722	2.956
VOM (Ton/Mo.)	0.2309	0.2404	0.2309	0.702
PM (Ton/Mo.)	0.1215	0.1265	0.1215	0.370
SO2 (Ton/Mo.)	0.0000	0.0000	0.0000	0.000
NH3 (Ton/Mo.)	0.0421	0.0438	0.0421	0.128

Note 1: Emission Calculation based on the emission factors for duct burners, listed in Section 7.3.12-Compliance Procedures of 031600CRS - Clean Air Act Permit as:
CO=0.08 lb/mmbtu. NOX=0.11 lb/mmbtu. PM10: 0.01 lb/mmbtu VOM: 0.019 lb/mmbtu SO2: 0.0006 lb/Million Cu. Ft.

Note 2: NH3 (Ammonia) Emission Calculation based on the emission factor listed in 2003 Annua Emission Report Instructions for UnControled Natural Gas Boilers<100Million Btu/Hr. as: 3.2 lb./Million Cubic Feet.