



4653 Table Mountain Drive
Golden, Colorado 80403

July 27, 2006

Mr. Bob Jorgenson
Air Pollution Control Division
Colorado Department of Public Health and Environment
4300 Cherry Creek Drive South
Denver, CO 80246-1530

RE: Second Quarter 2006 EER, PSCo Comanche Station Unit #2

Dear Mr. Jorgenson:

Attached is the second quarter 2006 Excess Emissions Report (EER) for the Public Service Company of Colorado (PSCo) Comanche Station Unit #2.

The generating unit was offline during the following periods:

- o April 21st at 21:00 to April 23rd 12:00
- o June 9th at 22:00 to June 11th at 02:00
- o June 22nd at 20:00 to June 23rd at 07:00

A very brief flame-out period also occurred on April 23rd.

A period of greater than eight hours downtime occurred with the opacity monitor from June 22nd at 20:12 to June 23rd at 07:30 due to power lost to the UPS caused by a bad termination in a breaker. This problem has been resolved. Parametric data is available for this period demonstrating that the opacity remained in compliance during this time, and will be provided with the semi-annual deviation report.

The NOx monitor experienced 58 hours of downtime and the SO2 monitor 52 hours due to:

- o Loss of the temperature controller for the IR source,
- o Communication failure associated with DAHS upgrade and PLC work, and
- o Instrument calibration failure, and
- o Loss of the UPS.

Daily calibrations were performed as required by regulation on each of the monitoring systems. All of the calibrations conducted on the SO2 and NOx monitoring systems were able to be completed in a fashion where the required data validation criteria was met.

Please call me at 720.497.2110 with any questions.

Sincerely,

A handwritten signature in cursive script that reads 'Eldon Lindt'.

Eldon Lindt
Manager, Air and Water Programs

Attachment

cc: Mr. Albion Carlson

CERTIFICATION OF REPORT INTEGRITY

This is to certify that to the best of my knowledge, the information provided in this report is complete and accurate. Anomalous data and information is explained in the cover letter to this report.

Name: Eldon Lindt

Signature: Eldon Lindt

Title: Manager, Air & Water Programs

Date: 07/07/06

STATE QUARTERLY OPACITY EXCEEDANCE & MONITOR DOWNTIME REPORT

Comanche Unit 2
 FOR QUARTER 2 2006
 DATE 07/12/06

P.S. of Colorado
 Comanche Generating Station
 Pueblo, CO

MONITOR TYPE: OPACITY
 MODEL NO.: 550
 INSTALLATION DATE: 12/2/99

MANUFACTURE: United Sciences Inc.
 SERIAL NO.: 5500079

--- OPAC EXCEEDANCE AND MONITOR DOWNTIME MATRIX (Hours) ---

EXCESS RANGE	20.0-30.0	30.0-40.0	40.0-50.0	50.0-60.0	>60.0	TOTAL
--EXCESS EMISSIONS REASON--						
*STARTUP/SHUTDOWN	0.00	0.00	0.00	0.00	0.00	0.00
STARTUP/SHUTDOWN	0.00	0.00	0.00	0.00	0.00	0.00
*CLEANING/SOOTBLOWING	0.00	0.00	0.00	0.00	0.00	0.00
CLEANING/SOOTBLOWING	0.00	0.00	0.00	0.00	0.00	0.00
UNKNOWN CAUSES	0.00	0.00	0.00	0.00	0.00	0.00
*CONTROL EQUIP (UPSET)	0.00	0.00	0.00	0.00	0.00	0.00
CONTROL EQUIP (UNACCEPT)	0.00	0.00	0.00	0.00	0.00	0.00
*PROCESS PROBLEMS (UPSET)	0.00	0.00	0.00	0.00	0.00	0.00
PROCESS PROB (UNACCEPT)	0.00	0.00	0.00	0.00	0.00	0.00
FUEL PROBLEMS	0.00	0.00	0.00	0.00	0.00	0.00
OTHERS	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL UNACCEPTABLE EMISSIONS						0.00
% EXCESS EMISSIONS						0.00%

UNIT OPERATING TIME: 2106.00 HR

--MONITOR DOWNTIME REASON--

	TOTAL
MONITOR EQUIP. FAILURE	0.00
NON MONITOR FAILURES	0.00
*CALIBRATION (QA)	14.40
UNKNOWN CAUSES	0.00
OTHERS	11.40
TOTAL UNACCEPTABLE DOWNTIME	11.40
% MONITOR DOWNTIME	0.55%

-- Reasons Marked * are not used in the Excess and Downtime computations --

--- EXCEEDANCE AND MONITOR DOWNTIME LOG ---

DATE	TIME	TYPE	CHANNEL	VALUE	DURATION	REASON
04-01	09:00	SYS-DOWN	2 Opc Inst		00:06	*CALIBRATION (QA)
		ACTION:	Daily opacity instrument			calibration data
04-02	09:00	SYS-DOWN	2 Opc Inst		00:06	*CALIBRATION (QA)
		ACTION:	Daily opacity instrument			calibration data
04-03	09:00	SYS-DOWN	2 Opc Inst		00:06	*CALIBRATION (QA)
		ACTION:	Daily opacity instrument			calibration data
04-04	09:00	SYS-DOWN	2 Opc Inst		00:06	*CALIBRATION (QA)
		ACTION:	Daily opacity instrument			calibration data
04-05	08:54	SYS-DOWN	2 Opc Inst		00:06	*CALIBRATION (QA)
		ACTION:	Opacity daily instrument			calibration data spans two six minute periods
04-05	09:00	SYS-DOWN	2 Opc Inst		00:06	*CALIBRATION (QA)
		ACTION:	Opacity daily instrument			calibration data spans two six minute periods
04-06	07:36	SYS-DOWN	2 Opc Inst		00:06	*CALIBRATION (QA)
		ACTION:	Opacity daily instrument			calibration data spans two six minute periods
04-06	07:42	SYS-DOWN	2 Opc Inst		00:06	*CALIBRATION (QA)
		ACTION:	Opacity daily instrument			calibration data spans two six minute periods
04-07	07:30	SYS-DOWN	2 Opc Inst		00:06	*CALIBRATION (QA)
		ACTION:	Opacity daily instrument			calibration data spans two six minute periods
04-07	07:36	SYS-DOWN	2 Opc Inst		00:06	*CALIBRATION (QA)
		ACTION:	Opacity daily instrument			calibration data spans two six minute periods
04-08	07:30	SYS-DOWN	2 Opc Inst		00:06	*CALIBRATION (QA)
		ACTION:	Opacity daily instrument			calibration data spans two six minute periods
04-08	07:36	SYS-DOWN	2 Opc Inst		00:06	*CALIBRATION (QA)
		ACTION:	Opacity daily instrument			calibration data spans two six minute periods
04-09	07:30	SYS-DOWN	2 Opc Inst		00:05	*CALIBRATION (QA)
		ACTION:	Opacity daily instrument			calibration data spans two six minute periods
04-09	07:36	SYS-DOWN	2 Opc Inst		00:06	*CALIBRATION (QA)
		ACTION:	Opacity daily instrument			calibration data spans two six minute periods

06-23	07:12	SYS-DOWN 2 Opc Inst	00:06	OTHERS (DOWNTIME)
		ACTION: Power lost to the UPS due to a bad termination in a breaker.		
06-23	07:18	SYS-DOWN 2 Opc Inst	00:06	OTHERS (DOWNTIME)
		ACTION: Power lost to the UPS due to a bad termination in a breaker.		
06-23	07:24	SYS-DOWN 2 Opc Inst	00:06	OTHERS (DOWNTIME)
		ACTION: Power lost to the UPS due to a bad termination in a breaker.		
06-23	07:30	SYS-DOWN 2 Opc Inst	00:06	OTHERS (DOWNTIME)
		ACTION: Power lost to the UPS due to a bad termination in a breaker.		
06-23	08:18	SYS-DOWN 2 Opc Inst	00:06	*CALIBRATION (QA)
		ACTION: Daily opacity instrument calibration.		
06-24	08:18	SYS-DOWN 2 Opc Inst	00:06	*CALIBRATION (QA)
		ACTION: Daily opacity instrument calibration.		
06-25	08:18	SYS-DOWN 2 Opc Inst	00:06	*CALIBRATION (QA)
		ACTION: Daily opacity instrument calibration.		
06-26	07:24	SYS-DOWN 2 Opc Inst	00:06	*CALIBRATION (QA)
		ACTION: Daily opacity instrument calibration spans two six minute periods.		
06-26	07:30	SYS-DOWN 2 Opc Inst	00:06	*CALIBRATION (QA)
		ACTION: Daily opacity instrument calibration spans two six minute periods.		
06-27	06:06	SYS-DOWN 2 Opc Inst	00:06	*CALIBRATION (QA)
		ACTION: Daily opacity instrument calibration spans two six minute periods.		
06-27	06:12	SYS-DOWN 2 Opc Inst	00:06	*CALIBRATION (QA)
		ACTION: Daily opacity instrument calibration spans two six minute periods.		
06-28	06:06	SYS-DOWN 2 Opc Inst	00:06	*CALIBRATION (QA)
		ACTION: Daily opacity instrument calibration spans two six minute periods.		
06-28	06:12	SYS-DOWN 2 Opc Inst	00:06	*CALIBRATION (QA)
		ACTION: Daily opacity instrument calibration spans two six minute periods.		
06-29	06:06	SYS-DOWN 2 Opc Inst	00:06	*CALIBRATION (QA)
		ACTION: Daily opacity instrument calibration spans two six minute periods.		
06-29	06:12	SYS-DOWN 2 Opc Inst	00:06	*CALIBRATION (QA)
		ACTION: Daily opacity instrument calibration spans two six minute periods.		
06-30	06:06	SYS-DOWN 2 Opc Inst	00:06	*CALIBRATION (QA)
		ACTION: Daily opacity instrument calibration spans two six minute periods.		
06-30	06:12	SYS-DOWN 2 Opc Inst	00:06	*CALIBRATION (QA)
		ACTION: Daily opacity instrument calibration spans two six minute periods.		

STATE QUARTERLY SO2 EXCEEDANCE & MONITOR DOWNTIME REPORT

Comanche Unit 2
 FOR QUARTER 2 2006
 DATE 07/07/06

P.S. of Colorado
 Comanche Generating Station
 Pueblo, CO

MONITOR TYPE: SO2
 MODEL NO.: MIR9000
 INSTALLATION DATE: 10/11/01

MANUFACTURE: Environment SA
 SERIAL NO.: 1084

--- SO2 EXCEEDANCE AND MONITOR DOWNTIME MATRIX (Hours) ---

EXCESS RANGE	1.20-1.40	1.40-1.60	1.60-1.80	1.80-2.00	>2.00	TOTAL
MM						
--EXCESS EMISSIONS REASON--						
*STARTUP/SHUTDOWN	0.00	0.00	0.00	0.00	0.00	0.00
STARTUP/SHUTDOWN	0.00	0.00	0.00	0.00	0.00	0.00
*CLEANING/SOOTBLOWING	0.00	0.00	0.00	0.00	0.00	0.00
CLEANING/SOOTBLOWING	0.00	0.00	0.00	0.00	0.00	0.00
UNKNOWN CAUSES	0.00	0.00	0.00	0.00	0.00	0.00
*CONTROL EQUIP (UPSET)	0.00	0.00	0.00	0.00	0.00	0.00
CONTROL EQUIP (UNACCEPT)	0.00	0.00	0.00	0.00	0.00	0.00
*PROCESS PROBLEMS (UPSET)	0.00	0.00	0.00	0.00	0.00	0.00
PROCESS PROB (UNACCEPT)	0.00	0.00	0.00	0.00	0.00	0.00
FUEL PROBLEMS	0.00	0.00	0.00	0.00	0.00	0.00
OTHERS	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL UNACCEPTABLE EMISSIONS						0.00
% EXCESS EMISSIONS						0.00%

UNIT OPERATING TIME: 2106.00 HR

--MONITOR DOWNTIME REASON--

	TOTAL
MONITOR EQUIP. FAILURE	46.00
NON MONITOR FAILURES	0.00
*CALIBRATION (QA)	6.00
UNKNOWN CAUSES	0.00
OTHERS	6.00
TOTAL UNACCEPTABLE DOWNTIME	52.00
% MONITOR DOWNTIME	2.47%

-- Reasons Marked * are not used in the Excess and Downtime computations --

--- EXCEEDANCE AND MONITOR DOWNTIME LOG ---

DATE	TIME	TYPE	CHANNEL	VALUE	DURATION	REASON
04-01	00:00	SYS-DOWN	2_SO2MMx		01:00	MONITOR EQUIP. FAILURE
		ACTION:				Temperature controller for IR source bad. Replaced during Vendor emergency service call.
04-01	01:00	SYS-DOWN	2_SO2MMx		01:00	MONITOR EQUIP. FAILURE
		ACTION:				Temperature controller for IR source bad. Replaced during Vendor emergency service call.
04-01	02:00	SYS-DOWN	2_SO2MMx		01:00	MONITOR EQUIP. FAILURE
		ACTION:				Temperature controller for IR source bad. Replaced during Vendor emergency service call.
04-01	03:00	SYS-DOWN	2_SO2MMx		01:00	MONITOR EQUIP. FAILURE
		ACTION:				Temperature controller for IR source bad. Replaced during Vendor emergency service call.
04-01	04:00	SYS-DOWN	2_SO2MMx		01:00	MONITOR EQUIP. FAILURE
		ACTION:				Temperature controller for IR source bad. Replaced during Vendor emergency service call.
04-01	05:00	SYS-DOWN	2_SO2MMx		01:00	MONITOR EQUIP. FAILURE
		ACTION:				Temperature controller for IR source bad. Replaced during Vendor emergency service call.
04-01	06:00	SYS-DOWN	2_SO2MMx		01:00	MONITOR EQUIP. FAILURE
		ACTION:				Temperature controller for IR source bad. Replaced during Vendor emergency service call.
04-01	07:00	SYS-DOWN	2_SO2MMx		01:00	MONITOR EQUIP. FAILURE
		ACTION:				Temperature controller for IR source bad. Replaced during Vendor emergency service call.
04-01	08:00	SYS-DOWN	2_SO2MMx		01:00	MONITOR EQUIP. FAILURE
		ACTION:				Temperature controller for IR source bad. Replaced during Vendor emergency service call.
04-01	09:00	SYS-DOWN	2_SO2MMx		01:00	MONITOR EQUIP. FAILURE

service call.
04-03 02:00 SYS-DOWN 2_SO2MMx 01:00 MONITOR EQUIP. FAILURE
ACTION: Temperature controller for IR source bad. Replaced during Vendor emergency
service call.
04-03 03:00 SYS-DOWN 2_SO2MMx 01:00 MONITOR EQUIP. FAILURE
ACTION: Temperature controller for IR source bad. Replaced during Vendor emergency
service call.
04-03 04:00 SYS-DOWN 2_SO2MMx 01:00 MONITOR EQUIP. FAILURE
ACTION: Temperature controller for IR source bad. Replaced during Vendor emergency
service call.
04-03 05:00 SYS-DOWN 2_SO2MMx 01:00 MONITOR EQUIP. FAILURE
ACTION: Temperature controller for IR source bad. Replaced during Vendor emergency
service call.
04-03 06:00 SYS-DOWN 2_SO2MMx 01:00 MONITOR EQUIP. FAILURE
ACTION: Temperature controller for IR source bad. Replaced during Vendor emergency
service call.
04-03 07:00 SYS-DOWN 2_SO2MMx 01:00 MONITOR EQUIP. FAILURE
ACTION: Temperature controller for IR source bad. Replaced during Vendor emergency
service call.
04-03 08:00 SYS-DOWN 2_SO2MMx 01:00 MONITOR EQUIP. FAILURE
ACTION: Temperature controller for IR source bad. Replaced during Vendor emergency
service call.
04-03 09:00 SYS-DOWN 2_SO2MMx 01:00 MONITOR EQUIP. FAILURE
ACTION: Temperature controller for IR source bad. Replaced during Vendor emergency
service call.
04-03 10:00 SYS-DOWN 2_SO2MMx 01:00 MONITOR EQUIP. FAILURE
ACTION: Temperature controller for IR source bad. Replaced during Vendor emergency
service call.
04-03 11:00 SYS-DOWN 2_SO2MMx 01:00 MONITOR EQUIP. FAILURE
ACTION: Temperature controller for IR source bad. Replaced during Vendor emergency
service call.
04-03 12:00 SYS-DOWN 2_SO2MMx 01:00 MONITOR EQUIP. FAILURE
ACTION: Temperature controller for IR source bad. Replaced during Vendor emergency
service call.
04-03 13:00 SYS-DOWN 2_SO2MMx 01:00 *CALIBRATION (QA)
ACTION: Linearity following replacement of temperature controller for IR source.
04-03 14:00 SYS-DOWN 2_SO2MMx 01:00 *CALIBRATION (QA)
ACTION: Linearity following replacement of temperature controller for IR source.
04-03 15:00 SYS-DOWN 2_SO2MMx 01:00 *CALIBRATION (QA)
ACTION: Linearity following replacement of temperature controller for IR source.
04-03 16:00 SYS-DOWN 2_SO2MMx 01:00 *CALIBRATION (QA)
ACTION: Linearity following replacement of temperature controller for IR source.
04-03 17:00 SYS-DOWN 2_SO2MMx 01:00 *CALIBRATION (QA)
ACTION: Linearity following replacement of temperature controller for IR source.
04-20 09:00 SYS-DOWN 2_SO2MMx 01:00 OTHERS (DOWNTIME)
ACTION: Communication failure due to DAHS upgrade and PLC work.
04-20 10:00 SYS-DOWN 2_SO2MMx 01:00 OTHERS (DOWNTIME)
ACTION: Communication failure due to DAHS upgrade and PLC work.
04-20 11:00 SYS-DOWN 2_SO2MMx 01:00 OTHERS (DOWNTIME)
ACTION: Instrument calibration data failure following DAHS upgrade.
06-23 07:00 SYS-DOWN 2_SO2MMx 01:00 OTHERS (DOWNTIME)
ACTION: Lost UPS.
06-28 11:00 SYS-DOWN 2_SO2MMx 01:00 *CALIBRATION (QA)
ACTION: Failed instrument calibration data. Calibration started following
maintenance activity.
06-28 12:00 SYS-DOWN 2_SO2MMx 01:00 OTHERS (DOWNTIME)
ACTION: Failed instrument calibration data. Calibration started following
maintenance activity.
06-28 13:00 SYS-DOWN 2_SO2MMx 01:00 OTHERS (DOWNTIME)
ACTION: Failed instrument calibration data. Calibration started following
maintenance activity.

STATE QUARTERLY NOX EXCEEDANCE & MONITOR DOWNTIME REPORT

Comanche Unit 2
 FOR QUARTER 2 2006
 DATE 07/12/06

P.S. of Colorado
 Comanche Generating Station
 Pueblo, CO

MONITOR TYPE: NOX
 MODEL NO.: MIR9000
 INSTALLATION DATE: 10/11/01

MANUFACTURE: Environment SA
 SERIAL NO.: 1084

--- NOX EXCEEDANCE AND MONITOR DOWNTIME MATRIX (Hours) ---

EXCESS RANGE	0.70-0.80	0.80-0.90	0.90-1.00	1.00-1.10	>1.10	TOTAL
MMbtu						
--EXCESS EMISSIONS REASON--						
*STARTUP/SHUTDOWN	0.00	0.00	0.00	0.00	0.00	0.00
STARTUP/SHUTDOWN	0.00	0.00	0.00	0.00	0.00	0.00
*CLEANING/SOOTBLOWING	0.00	0.00	0.00	0.00	0.00	0.00
CLEANING/SOOTBLOWING	0.00	0.00	0.00	0.00	0.00	0.00
UNKNOWN CAUSES	0.00	0.00	0.00	0.00	0.00	0.00
*CONTROL EQUIP (UPSET)	0.00	0.00	0.00	0.00	0.00	0.00
CONTROL EQUIP (UNACCEPT)	0.00	0.00	0.00	0.00	0.00	0.00
*PROCESS PROBLEMS (UPSET)	0.00	0.00	0.00	0.00	0.00	0.00
PROCESS PROB (UNACCEPT)	0.00	0.00	0.00	0.00	0.00	0.00
FUEL PROBLEMS	0.00	0.00	0.00	0.00	0.00	0.00
OTHERS	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL UNACCEPTABLE EMISSIONS						0.00
% EXCESS EMISSIONS						0.00%

UNIT OPERATING TIME: 2106.00 HR

--MONITOR DOWNTIME REASON--

	TOTAL
MONITOR EQUIP. FAILURE	47.00
NON MONITOR FAILURES	0.00
*CALIBRATION (QA)	6.00
UNKNOWN CAUSES	0.00
OTHERS	11.00
TOTAL UNACCEPTABLE DOWNTIME	58.00
% MONITOR DOWNTIME	2.75%

-- Reasons Marked * are not used in the Excess and Downtime computations --

--- EXCEEDANCE AND MONITOR DOWNTIME LOG ---

DATE	TIME	TYPE	CHANNEL	VALUE	DURATION	REASON
04-01	00:00	SYS-DOWN	2_NOxMMx		01:00	MONITOR EQUIP. FAILURE
ACTION: Temperature controller for IR source bad. Replaced during Vendor emergency service call.						
04-01	01:00	SYS-DOWN	2_NOxMMx		01:00	MONITOR EQUIP. FAILURE
ACTION: Temperature controller for IR source bad. Replaced during Vendor emergency service call.						
04-01	02:00	SYS-DOWN	2_NOxMMx		01:00	MONITOR EQUIP. FAILURE
ACTION: Temperature controller for IR source bad. Replaced during Vendor emergency service call.						
04-01	03:00	SYS-DOWN	2_NOxMMx		01:00	MONITOR EQUIP. FAILURE
ACTION: Temperature controller for IR source bad. Replaced during Vendor emergency service call.						
04-01	04:00	SYS-DOWN	2_NOxMMx		01:00	MONITOR EQUIP. FAILURE
ACTION: Temperature controller for IR source bad. Replaced during Vendor emergency service call.						
04-01	05:00	SYS-DOWN	2_NOxMMx		01:00	MONITOR EQUIP. FAILURE
ACTION: Temperature controller for IR source bad. Replaced during Vendor emergency service call.						
04-01	06:00	SYS-DOWN	2_NOxMMx		01:00	MONITOR EQUIP. FAILURE
ACTION: Temperature controller for IR source bad. Replaced during Vendor emergency service call.						
04-01	07:00	SYS-DOWN	2_NOxMMx		01:00	MONITOR EQUIP. FAILURE
ACTION: Temperature controller for IR source bad. Replaced during Vendor emergency service call.						
04-01	08:00	SYS-DOWN	2_NOxMMx		01:00	MONITOR EQUIP. FAILURE
ACTION: Temperature controller for IR source bad. Replaced during Vendor emergency service call.						
04-01	09:00	SYS-DOWN	2_NOxMMx		01:00	MONITOR EQUIP. FAILURE

service call.
04-03 04:00 SYS-DOWN 2_NOxMMx 01:00 MONITOR EQUIP. FAILURE
ACTION: Temperature controller for IR source bad. Replaced during Vendor emergency
service call.
04-03 05:00 SYS-DOWN 2_NOxMMx 01:00 MONITOR EQUIP. FAILURE
ACTION: Temperature controller for IR source bad. Replaced during Vendor emergency
service call.
04-03 06:00 SYS-DOWN 2_NOxMMx 01:00 MONITOR EQUIP. FAILURE
ACTION: Temperature controller for IR source bad. Replaced during Vendor emergency
service call.
04-03 07:00 SYS-DOWN 2_NOxMMx 01:00 MONITOR EQUIP. FAILURE
ACTION: Temperature controller for IR source bad. Replaced during Vendor emergency
service call.
04-03 08:00 SYS-DOWN 2_NOxMMx 01:00 MONITOR EQUIP. FAILURE
ACTION: Temperature controller for IR source bad. Replaced during Vendor emergency
service call.
04-03 09:00 SYS-DOWN 2_NOxMMx 01:00 MONITOR EQUIP. FAILURE
ACTION: Temperature controller for IR source bad. Replaced during Vendor emergency
service call.
04-03 10:00 SYS-DOWN 2_NOxMMx 01:00 MONITOR EQUIP. FAILURE
ACTION: Temperature controller for IR source bad. Replaced during Vendor emergency
service call.
04-03 11:00 SYS-DOWN 2_NOxMMx 01:00 MONITOR EQUIP. FAILURE
ACTION: Temperature controller for IR source bad. Replaced during Vendor emergency
service call.
04-03 12:00 SYS-DOWN 2_NOxMMx 01:00 MONITOR EQUIP. FAILURE
ACTION: Temperature controller for IR source bad. Replaced during Vendor emergency
service call.
04-03 13:00 SYS-DOWN 2_NOxMMx 01:00 *CALIBRATION (QA)
ACTION: Linearity following replacement of temperature controller for IR source.
04-03 14:00 SYS-DOWN 2_NOxMMx 01:00 *CALIBRATION (QA)
ACTION: Linearity following replacement of temperature controller for IR source.
04-03 15:00 SYS-DOWN 2_NOxMMx 01:00 *CALIBRATION (QA)
ACTION: Linearity following replacement of temperature controller for IR source.
04-03 16:00 SYS-DOWN 2_NOxMMx 01:00 *CALIBRATION (QA)
ACTION: Linearity following replacement of temperature controller for IR source.
04-03 17:00 SYS-DOWN 2_NOxMMx 01:00 *CALIBRATION (QA)
ACTION: Linearity following replacement of temperature controller for IR source.
04-20 09:00 SYS-DOWN 2_NOxMMx 01:00 OTHERS (DOWNTIME)
ACTION: Communication failure due to DAHS upgrade and PLC work.
04-20 10:00 SYS-DOWN 2_NOxMMx 01:00 OTHERS (DOWNTIME)
ACTION: Communication failure due to DAHS upgrade and PLC work.
04-20 11:00 SYS-DOWN 2_NOxMMx 01:00 OTHERS (DOWNTIME)
ACTION: Instrument calibration data failure following DAHS upgrade.
06-23 07:00 SYS-DOWN 2_NOxMMx 01:00 OTHERS (DOWNTIME)
ACTION: Lost UPS.
06-23 08:00 SYS-DOWN 2_NOxMMx 01:00 OTHERS (DOWNTIME)
ACTION: Lost UPS.
06-23 09:00 SYS-DOWN 2_NOxMMx 01:00 OTHERS (DOWNTIME)
ACTION: Lost UPS.
06-23 10:00 SYS-DOWN 2_NOxMMx 01:00 OTHERS (DOWNTIME)
ACTION: Lost UPS.
06-23 11:00 SYS-DOWN 2_NOxMMx 01:00 OTHERS (DOWNTIME)
ACTION: Lost UPS.
06-23 12:00 SYS-DOWN 2_NOxMMx 01:00 OTHERS (DOWNTIME)
ACTION: Lost UPS.
06-24 06:00 SYS-DOWN 2_NOxMMx 01:00 MONITOR EQUIP. FAILURE
ACTION: Calibration failure.
06-24 07:00 SYS-DOWN 2_NOxMMx 01:00 MONITOR EQUIP. FAILURE
ACTION: Calibration failure.
06-24 08:00 SYS-DOWN 2_NOxMMx 01:00 MONITOR EQUIP. FAILURE
ACTION: Calibration failure.
06-28 11:00 SYS-DOWN 2_NOxMMx 01:00 *CALIBRATION (QA)
ACTION: Failed instrument calibration data. Calibration started following
maintenance activity.
06-28 12:00 SYS-DOWN 2_NOxMMx 01:00 OTHERS (DOWNTIME)
ACTION: Failed instrument calibration data. Calibration started following
maintenance activity.
06-28 13:00 SYS-DOWN 2_NOxMMx 01:00 OTHERS (DOWNTIME)
ACTION: Failed instrument calibration data. Calibration started following
maintenance activity.