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**EXCESS OPACITY REPORT - THIRD QUARTER, CALENDAR YEAR
1994 - FERNALD ENVIRONMENTAL MANAGMENT PROJECT (FEMP),
PERMIT NO. 1431110128, B001/B003**

10/18/94

**C:RP:94-0064
FERMCO HAMILTON COUNTY
6
LETTER**



Restoration Management Corporation

P.O. Box 398704 Cincinnati, Ohio 45239-8704 (513) 738-6200

October 18, 1994

U. S. Department of Energy
Fernald Environmental Management Project
Letter No. C:RP:94-0064

Mr. Leroy R. Gruber
Air Quality Engineer
Hamilton County Department
of Environmental Services
Air Quality Management Division
1632 Central Parkway
Cincinnati, Ohio 45210

Dear Mr. Gruber:

CONTRACT DE-AC05-92OR21972, EXCESS OPACITY REPORT - THIRD QUARTER, CALENDAR YEAR 1994 - FERNALD ENVIRONMENTAL MANAGEMENT PROJECT (FEMP), PERMIT NO. 1431110128, B001/B003

Enclosed is the Excess Opacity Report for the Third Quarter of Calendar Year 1994, for Boilers Nos. 1 and 3, which are located at the FEMP Steam Plant. This report is submitted in accordance with the special conditions of the Ohio Environmental Protection Agency Permits to Operate Nos. 1431110128, B001 and B003, issued on October 2, 1992. Only boiler B001 operated during the reporting period.

During the reporting period, the opacity monitoring and recording system for B001 malfunctioned on Aug. 9 and 28th. Boiler No. 1 operated 2115 hours while Boiler No. 3 did not operate.

If you have any questions concerning these reports, please contact Ervin Fisher of my staff at (513) 738-6053.

Sincerely,

A handwritten signature in black ink, appearing to read "Kenneth L. Alkema".

Kenneth L. Alkema
Vice President
Regulatory Programs

KLA:EF:mhv
Attachments

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Mr. Leroy Gruber
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c: S. M. Beckman, FERMCO/MS65-2, w/o attachments
S. L. Blankenship, FERMCO/MS71-3, w/o attachments
K. C. Gessendorf, FERMCO/MS80-1 - RR:94:0003D
J. L. Moore, FERMCO/MS65-2
D. Paine, FERMCO/MS35-1, w/o attachments
Robert Mendelsohn, DOE Contract Specialist/MS45
W. J. Naber, FERMCO/MS60
L. Pennington, FERMCO/MS60
E. P. Skintik, DOE-FN/MS45
P. B. Spotts, FERMCO/MS65-2, w/o attachments
AR Coordinator
File Record Storage Copy 108.6
RTS Files

**FEMP
Boiler Plant
EXCESS OPACITY REPORT**

Month/Year: August, 1994

Monitored Source: Boiler No. 1

Opacity Limit: 20%

Company Name: Fernald Environmental Restoration Management Corporation

Location: Fernald, Ohio

Operating Hours: 744

Day	Start	End	Opacity (%)	Cause	Corrective Action	E.P. Temp
8/7	10:12 A.M.	10:18 A.M.	33%	#2 field on the E.S.P. kicked out	Reset field	480°
8/10	10:42 A.M.	10:48 A.M.	35%	Load Change	Readjusting Boiler	495°
8/10	10:48 A.M.	10:54 A.M.	32%	Load Change	Adjustment Complete	495°
8/24	3:30 A.M.	3:36 A.M.	46%	Rapper stuck on E.S.P.	Shut off rapper and reset	485°
8/28	12:54 A.M.	1:00 A.M.	31%	Load change	Readjusted Boiler	480°
8/28-29	10:54 P.M.	6:18 A.M.	36%AVG	E.S.P. kicked out (rain storm)	Reset E.S.P.	470°
8/29	3:00 P.M.	3:06 P.M.	21%	Forced draft fan kicked out	Resetting fan	480°
8/29	3:06 P.M.	3:12 P.M.	26%	Forced draft fan kicked out	Reset fan	480°

*NOTIFIED DOES-AQM OF ALL MECHANICAL FAILURES DURING THE MONTH OF AUGUST.

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FEMP
Boiler Plant
EXCESS OPACITY REPORT

Month/Year: September, 1994

Monitored Source: Boiler No. 1

Opacity Limit: 20%

Company Name: Fernald Environmental Restoration Management Corporation

Location: Fernald, Ohio

Operating Hours: 674

Day	Start	End	Opacity (%)	Cause	Corrective Action	E.P. Temp
9/3	4:30 P.M.	4:36 P.M.	26%	Rapper on E.S.P. stuck	Shut off rapper and reset	485°
9/11	2:24 A.M.	2:30 A.M.	40%	Rapper on E.S.P. stuck	Shut off rapper and reset	480°
9/17	4:54 P.M.	5:00 P.M.	21%	Coal change	Readjusted Boiler	475°
9/18	12:48 A.M.	12:54 A.M.	36%	Coal jack malfunctions	Repaired coal jack	480°
9/18	8:00 A.M.	8:06 A.M.	23%	Low load	Adjusting Boiler	485°
9/18	8:12 A.M.	8:18 A.M.	23%	Low load	Adjustment Complete	485°
9/23	12:24 A.M.	12:30 A.M.	21%	Rapper on E.S.P. stuck	Shut off rapper and reset	485°
9/25	7:12 A.M.	7:18 A.M.	30%	#2 Field kicked out on the E.S.P.	Reset #2 field	250°

