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**OAC 3745-15-06(B) FOLLOW-UP REPORT ON MALFUNCTION OF  
ELECTROSTATIC PRECIPATOR (ESP) OF NO. 3 BOILER -  
FERNALD ENVIRONMENTAL MANAGEMENT PROJECT (FEMP) PERMIT  
NO. 1431110128, B003**

05/09/96

**C:EC:96-0067  
FERMCO HAMILTON COUNTY  
2  
REPORT**



Restoration Management Corporation

P. O. Box 538704 Cincinnati, Ohio 45253-8704 (513) 648-3000

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May 9, 1996

Fernald Environmental Management Project  
Letter No. C:EC:96-0067

Mr. Peter J. Sturdevant, Compliance Specialist  
Air Quality Management  
Hamilton County Department of Environmental Services  
1632 Central Parkway  
Cincinnati, Ohio 45210

Dear Mr. Sturdevant:

**OAC 3745-15-06(B) FOLLOW-UP REPORT ON MALFUNCTION OF ELECTROSTATIC  
PRECIPITATOR (ESP) OF NO. 3 BOILER - FERNALD ENVIRONMENTAL MANAGEMENT PROJECT  
(FEMP), PERMIT NO. 1431110128, B003**

Reference: Letter, C:EC:96-0035, Terence D. Hagen to Peter J. Sturdevant, "Notification of Malfunction of the No. 1 Electrostatic Precipitator (ESP) Field of No. 3 Boiler, FEMP, Permit No. 1431110128, B003," dated March 26, 1996

This report concerning the subject malfunction is being submitted as required by OAC 3745-15-06(B).

At 9:50 AM on March 12, 1996 the No. 1 field on No. 3 boiler's ESP failed. A telephone notification was made to you at that time. The malfunction continued until the boiler was taken out of service at 11:00 PM on March 15, 1996. The following corrective actions are being implemented to mitigate future occurrences and to comply with the requirements of OAC 3745-15-06(B):

- \* To the extent possible, operations of Boiler No. 3 will be limited to use as a backup to the Boiler No. 1.
- \* When the new gas-fired boiler facility is brought on-line, sufficient backup steam capability will be in place to avoid the need to continue operation of Boiler No. 3 in a malfunction condition in order to meet steam needs. No exact date has been scheduled for start-up of the new facility, but it is anticipated to be within the next month.

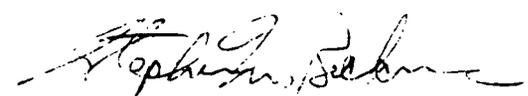


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- \* Because of the short life expectancy of the boiler in question modification of it's maintenance schedule is not considered to be a viable option.
- \* If the site is forced to operate no. 3 boiler during a malfunction mode, steps will be promptly initiated by in-house staff to resolve the malfunction. As soon as it becomes apparent that our staff will be unable to affect quick repairs, support from the vendor will be obtained.

If you have any questions concerning this report, please contact Ervin Fisher of my staff at (513) 648-5293.

Sincerely,

  
 Terence D. Hagen  
 Director  
 Environmental Compliance

TDH:EF:mhv  
Enclosure

- c: S. M. Beckman, FERMCO
- E. Fisher, FERMCO
- W. J. Naber, FERMCO
- B. S. Perkins FERMCO
- C. C. Riede, FERMCO
- E. P. Skintik, DOE-FN
- P. B. Spotts, FERMCO
- AR Coordinator
- A&WP Files (B003)
- File Record Storage Copy 108.6