



Department of Energy
Ohio Field Office
Fernald Environmental Management Project
P. O. Box 538705
Cincinnati, Ohio 45253-8705
(513) 648-3155

JUL 17 2002

Mr. James A. Saric, Remedial Project Manager
U.S. Environmental Protection Agency
Region V-SRF-5J
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

DOE-0592-02

Mr. Tom Schneider, Project Manager
Ohio Environmental Protection Agency
401 East 5th Street
Dayton, Ohio 45402-2911

Mr. Peter Sturdevant
Compliance Specialist
Air Quality Management Division
Hamilton County Department of Environmental Services
250 William Howard Taft Road
Cincinnati, OH 45218-2660

Dear Mr. Saric, Mr. Schneider, and Mr. Sturdevant:

QUARTERLY REPORT ON DRYER STACK, JULY 2002

The purpose of this letter is to transmit the referenced report for your review. This information is being provided in response to the Ohio Environmental Protection Agency (OEPA) comments on the Draft Remedial Action Package in which the Department of Energy, Fernald Environmental Management Project (DOE-FEMP), agreed to provide quarterly reports of any deviations or excursions from emissions limitations, operational restrictions, and control device operating parameter limitations for the dryer stack.

The information contained in this letter and the enclosure satisfies the commitment for Calendar Quarter April 1, 2002 through June 30, 2002. Specifically, there is one incident to report for the time period. This information was reported to the Department of Environmental Services (DOES), via electronic mail, on the day it occurred (and, subsequently, notification was made to the United States Environmental Protection Agency (USEPA) and OEPA. A copy of the electronic mail report is enclosed.

JUL 17 2002

Mr. James A. Saric
Mr. Tom Schneider
Mr. Peter Sturdevant

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No additional deviations or excursions occurred during the referenced time period.

If you have any questions or comments, please contact John Kappa at (513) 648-3149.

Sincerely,



Johnny W. Reising
Fernald Remedial Action
Project Manager

FEMP:Kappa

Enclosure: As Stated

cc w/enclosure:

N. Hallein, EM-31/CLOV
J. Kappa, OH/FEMP
D. Lojek, OH/FEMP
T. Schneider, OEPA-Dayton (three copies of enclosure)
G. Jablonowski, USEPA-V, SRF-5J
F. Bell, ATSDR
M. C. Wojciechowski, Tetra-Tech
M. Shupe, HSI GeoTrans
R. Vandegrift, ODH
AR Coordinator, Fluor Fernald, Inc./MS78

cc w/o enclosure:

R. Greenberg, EM-31/CLOV
A. Tanner, OH/FEMP
D. L. Zdelar-Bush, Fluor Fernald, Inc./MS52-1
D. Carr, Fluor Fernald, Inc./MS2
M. Cherry, Fluor Fernald, Inc./MS52-1
D. Dalga, Fluor Fernald, Inc./MS52-1
T. Hagen, Fluor Fernald, Inc./MS65-2
R. Houchins, Fluor Fernald, Inc./MS52-1
F. Johnston, Fluor Fernald, Inc./MS52-2
T. Walsh, Fluor Fernald, Inc./MS46
ECDC, Fluor Fernald, Inc./MS52-7

From: Spotts, Phil
Sent: Wednesday, June 19, 2002 2:49 PM
To: Peter.Sturdevant@does.hamilton-co.org
Cc: Cherry, Mark; Dalga, Dennis; Desormeau, Joe; Jewett, Marc; Shanks, Pat; Poff, Timothy; Hall, John S; Holmes, Renee; Houchins, Ronald; Lojek, Dave; Skintik, Ed; Zdelar-Bush, Diane; Campbell, Gregory; Hagen, Terry; Spradlin, Ted; Limerick, Phil
Subject: Notification of OEPA: Malfunction of WPRAP Thermal Oxidizer

Mr. Sturdevant

The purpose of this message is to notify you, in accordance with OAC 3747-15, of a malfunction that occurred at WPRAP. At 16:35 6/16/02, a drive belt for the Thermal Oxidizer (TO) failed causing high temperature in the TO. As a result of the high temperature the TO shut down. Feed to the dryers was automatically suspended, but the ID fan for the dryers continued to operate ventilating the dryers. All other components of the gas cleaning system were operational during this event. Once the temperature of the TO fell below its effective range a light yellow haze was visible coming from the exhaust stack.

The Thermal Oxidizer is considered Best Available Technology (BAT) for organic and CO emissions from the dryers and must be operating whenever the ID fan is operating during the processing of Waste Pit materials.

Releases from the exhaust stack were minimal while the dryers was being emptied because: a) the off-gas system was operating except for the Thermal Oxidizer so the only potential emissions would be hydrocarbons and CO; b) the scrubber would aide in the removal of hydrocarbons; and c) feed was suspended so material that was inside the dryers became less as the time elapsed. The dryers were emptied of product by 17:20. Feed to the dryers was not resumed until the TO had been repaired, relit and brought back up to operating temperature.

If you have any further questions, please call at 648-5295 or send an e-mail message.

Phil Spotts
Fluor Fernald