



Department of Energy

**Ohio Field Office
Fernald Area Office**

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FEB 01 2000

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-0364-00

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

Mr. Lee Gruber
Hamilton County Department of Environmental Services
250 William Howard Taft Road
Cincinnati, Ohio 45219

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

PERFORMANCE TEST NOTIFICATION

The purpose of this letter is to provide notification to the U.S. Environmental Protection Agency (USEPA), Ohio Environmental Protection Agency (Ohio EPA), and Hamilton County Department of Environmental Services (DOES), of the U.S. Department of Energy's (DOE) intent to conduct an emissions Performance Test on the Waste Pits Remedial Action Project (WPRAP) dryer on February 23, 2000.

In accordance with 40 CFR 61.13, within ninety days after startup of a new air emission source, emissions testing must be performed. DOE began processing pit material through the dryer facility on December 17, 1999; therefore, emissions testing must be performed by March 16, 2000. The enclosed Intent to Test Notification Form provides the required details for the emissions test, and the Final Remedial Action (RA) Package, Performance Test Criteria provides the supplemental information required by the form. The following modification to the standard methods is being proposed for the test: For the Method 5 train, a stainless steel and silica gel drying column will be used.

Mr. James A. Saric
Mr. Tom Schneider
Mr. Lee Gruber

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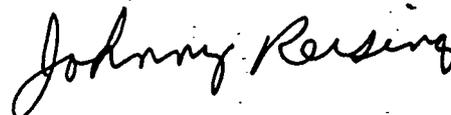
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In addition, as documented in the Performance Test Criteria (Section 2.2.6), and again on the enclosed Intent to Test Notification Form, it is intended that particulate testing be accomplished using one 6-hour test. Since the off-gas passes through a High-Efficiency Particulate Air (HEPA) filter, a minimal amount of particulates will be collected on the sample filter during a 1-hour test. A 6-hour test will allow more particulate to collect on the filter.

The current plan is to perform the test while operating the dryers at a normal full-load capacity, (i.e., 30 tons per hour) with a blend of Pit 3 and Pit 5 material.

If you have any questions or comments, please contact Dave Lojek at (513) 648-3127.

Sincerely,



Johnny W. Reising
Fernald Remedial Action
Project Manager

FEMP:Hall

Enclosures

cc w/enclosures:

N. Hallein, EM-42/CLOV
G. Jablonowski, USEPA-V, SRF-5J
T. Schneider, OEPA-Dayton (three copies of enclosures)
F. Bell, ATSDR
M. Schupe, HSI GeoTrans
R. Vandegrift, ODH
F. Barker, Tetra-Tech
AR Coordinator, FDF/78

cc w/o enclosures:

J. Hall, OH/FEMP
D. Lojek, OH/FEMP
A. Tanner, OH/FEMP
T. Hagen, FDF/65-2
J. Harmon, FDF/90
R. Heck, FDF/2
S. Hinnefeld, FDF/31
T. Walsh, FDF/65-2
ECDC, FDF/52-7

INTENT TO TEST NOTIFICATION
(One Emission Unit Per Sheet)

AGENCY USE ONLY

Date Received _____
 No. Assigned _____
 Proposed Test Date 2/23/2000 Yes No
 Pre-Test Meeting Desired? Yes No
 Facility Premise No. _____
 SCC Code _____

A. Facility Information
 Name FERNALD WPRAP Address 7400 Willey Rd.
 Contact Person Skip Dunham Phone Number 513-648-5785

B. Testing Firm Information
 Name FBT Testing & Environmental Address 7419 Kingsgate, Suite D
 Contact Person David Phone Number 800-755-1711

C. Test Plan and Emissions Unit Information Table: List the applicable information under each respective column heading.

Emissions Unit #	Control Equipment	Monitoring Equipment	Pollutant(s) to be Tested	EPA Test Method(s)	Filter Box Temperature	Number of Sampling Points	Total Time for Test Run	Number of Sampling Runs
IT-001	Exhaust		Particulate	5	248° F	Per Method 1	6 hrs.	1
			VOC	0030	N/A	1	2 hr. 40 min.	3
			CO	1.0	N/A	1	1 hr.	3
			THC as propane	25A	N/A	1	1 hr.	3

Source is testing to comply with (check all that apply): State P/TI State P/TD Title V NSPS MACT BIF Title IV Other SUPERFUND

D. What is the maximum rated capacity? 50 tph
 Will Emissions Unit be operated at the maximum capacity given in its permit-to-operate? Yes No If no, attach explanation.
 Specify how operation rate will be demonstrated during testing (*See notes 1, 2, and 3 on page 2.): WAYBELT FEEDER
 Are any modifications to USEPA Reference Method(s) proposed? Yes No If "no" is checked, then no modification, however minor, will be accepted.
 If yes, explain proposed modification(s): Stainless steel condenser and silica gel drying column for Method 5 train

Will Cyclonic flow check(s) be conducted? Yes No
 If other, specify N/A
 Fuel Sampling: Coal-Proximate Ultimate Other
 Emission rate to be calculated using: F-Factor Ultimate Coal Analysis Other If other, specify N/A
 Are concurrent Method 9 readings to be performed? Yes No Does the test method require audit samples? Yes No

E. Sample Train Calibration: All affected measuring and monitoring equipment should be calibrated within 60 days of the scheduled testing.

INTENT TO TEST NOTIFICATION

Proposed Test Date 2/23/2000

NOTE:

D. What is the maximum rated capacity? 50 tph.
operated at the maximum capacity given in its permit-to-operate? Yes No If no, attach explanation.

Will Emissions Unit be

EXPLANATION:

The test is intended to demonstrate normal operation conditions, not maximum rated capacity.