



## Department of Energy

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Fernald Area Office

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**3146**

JUL 28 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-0882-00

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

Mr. Peter Sturdevant  
Hamilton County Department of Environmental Services  
Air Quality Management Division  
250 William Howard Taft Road  
Cincinnati, Ohio 45219

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

### QUARTERLY REPORT

In response to the Ohio Environmental Protection Agency (OEPA) comments on the Draft Remedial Action Package, the Department of Energy (DOE), Fluor Fernald, Inc., and IT Corporation 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. If no deviations or excursions occurred during the affected calendar quarter, a report stating so is required.

This letter is intended to satisfy this commitment for calendar quarter April 2000 through June 2000. No deviations or excursions from emissions limitations occurred during this quarter.

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

The dryers were not operated for approximately six weeks during this quarter for a Conduct of Operations shutdown. Dryer performance testing was performed on the system on May 17 and 18, 2000. On May 18, 2000, the stack monitoring system indicated an isokinetic sampling failure. Although it did not affect the performance test, it was determined that the system was not collecting the particulate air sample properly.

Apparently during routine maintenance, which occurred during the stand down, the sample tube was switched with the return line. Therefore, the sample being collected was run through the pumps, then deposited on the back of the filter. As a result, an isokinetic sample was not collected for a period of four days.

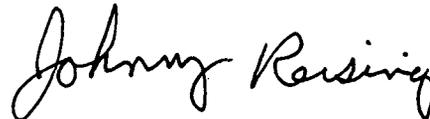
However, for this down period, the stack sample analysis results were treated as follows, providing a conservative stack emissions estimate:

- assume the stack release per ton was uniform for the month
- assume no sample was collected during the period  
May 15 through 18, 2000
- multiply the stack sample analysis results by a factor of  
 $(946.8 + 1043.5)/1043.5$  (which corresponds to the relative  
number of tons processed).

Once again, no emissions limitations were exceeded as a result of this operational malfunction.

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

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

cc:

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F. Hodge, Tetra-Tech  
D. Carr, Fluor Fernald, Inc./2  
T. Hagen, Fluor Fernald, Inc./65-2  
J. Harmon, Fluor Fernald, Inc./90  
S. Hinnefeld, Fluor Fernald, Inc./31  
T. Walsh, Fluor Fernald, Inc./65-2  
D. Zdelar-Bush, Fluor Fernald, Inc./52-1  
AR Coordinator, Fluor Fernald, Inc./78  
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