



**Department of Energy**  
**Ohio Field Office**  
**Fernald Environmental Management Project**  
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MAY 28 2002

Ms. Eleanor D. Thornton  
United States Environmental Protection Agency  
1200 Pennsylvania Avenue, NW  
Mailstop 6608J  
Washington, DC 20460

DOE-0386-03

Dear Ms. Thornton:

**2002 NATIONAL EMISSIONS STANDARDS FOR HAZARDOUS AIR POLLUTANTS  
ANNUAL REPORT FOR THE FERNALD CLOSURE PROJECT**

Reference: USEPA letter, J. Barnett to J. Reising, "Application for Approval to Use Environmental Measurements to Demonstrate Compliance with the National Emission Standards for Hazardous Air Pollutants, Subpart H," dated August 11, 1997

This letter transmits the 2002 National Emissions Standards for Hazardous Air Pollutants (NESHAP) Subpart H Annual Report for the Fernald Closure Project (FCP) to the United States Environmental Protection Agency (USEPA). This document fulfills the annual reporting requirements of 40 CFR 61.94(a) for the FCP. Furthermore, as committed to in the FCP's Integrated Environmental Monitoring Plan (IEMP), the 2002 NESHAP Annual Report has been included as Appendix D of the Site Environmental Report (SER) for Calendar Year 2002 and will be available to FCP stakeholders through distribution of the SER.

The 2002 report marks the fifth consecutive year that the FCP has used an alternate, monitoring-based approach for demonstrating compliance with the NESHAP Subpart H requirements. Prior to 1998, annual reports utilized emission estimates and computer modeling to demonstrate compliance. The alternate approach, which relies on measurements of airborne radiological air particulate concentrations for calculating a maximum effective dose equivalent at the FCP fenceline, was approved by the USEPA in the referenced letter and is detailed in Chapter 6 of the IEMP.

Based on 2002 radiological air particulate monitoring data, the maximum effective dose equivalent at the FCP fenceline was calculated to be 0.8 millirem (mrem) at a monitoring location along the east fenceline of the site. This is in compliance with the NESHAP Subpart H standard of 10 mrem.

Ms. Eleanor D. Thornton

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If you have any questions, please contact Edward Skintik at (513) 648-3151.

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Sincerely,



Glenn Griffiths  
Acting Director  
Fernald Closure Project

FCP:Skintik

Enclosure: As Stated

cc w/enclosure:

M. Murphy, USEPA, Region 5 (include Cap-88 Data)  
P. J. Sturdevant, HC-DOES

cc w/o enclosure:

D. Kozlowski, OH/FCP  
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J. Byrne, Fluor Fernald, Inc./MS12  
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