



Department of Energy

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Ohio Field Office  
Fernald Area Office  
P. O. Box 538705  
Cincinnati, Ohio 45253-8705  
(513) 648-3155

MAY 30 2002

DOE-0501-02

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

Dear Ms. Thornton:

**2001 NATIONAL EMISSIONS STANDARDS FOR HAZARDOUS AIR POLLUTANTS  
ANNUAL REPORT FOR THE FERNALD ENVIRONMENTAL MANAGEMENT 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 2001 National Emissions Standards for Hazardous Air Pollutants (NESHAP) Subpart H Annual to the United States Environmental Protection Agency (USEPA). This document fulfills the annual reporting requirements of 40 CFR 61.94(a) for the Fernald Environmental Management Project (FEMP). Furthermore, as committed to in the FEMP's Integrated Environmental Monitoring Plan (IEMP), the 2001 NESHAP Annual Report has been included as Appendix D of the Site Environmental Report (SER) for Calendar Year 2001 and will be available to FEMP stakeholders through distribution of the SER.

The 2001 report marks the fourth consecutive year that the FEMP 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 FEMP fence line, was approved by the USEPA in the referenced letter and is detailed in Chapter 6 of the IEMP.

Based on 2001 radiological air particulate monitoring data, the maximum effective dose equivalent at the FEMP fence line was calculated to be 0.8 millirem (mrem) at a monitoring location along the east fence line of the site. This is in compliance with the NESHAP Subpart H standard of 10 mrem.

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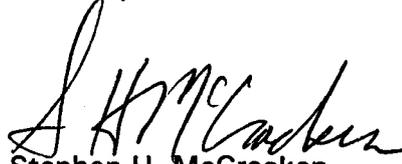
Ms. Eleanor D. Thornton

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

Sincerely,



Stephen H. McCracken  
Director

FEMP:Skintik

Enclosure: As Stated

cc w/enclosure:

P. J. Sturdevant, HC-DOES

M. Murphy, USEPA Region 5 (Include CAP-88 data)

cc w/o enclosure:

B. McKenna, OH/FEMP

J. Byrne, Fluor Fernald, Inc./MS90

M. Frank, Fluor Fernald, Inc./MS90

T. Hagen, Fluor Fernald, Inc./MS90

T. Poff, Fluor Fernald, Inc./MS65-2

ECDC/Fluor Fernald, Inc./MS52-7