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RADON MEASUREMENTS FOR WASTE PITS 4 AND 5

10/16/92

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5

AIR AND RADIATION DIVISION
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

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LIBRARY Craig

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OCT 16 1992

REPLY TO THE ATTENTION OF:
(AT-18J)

Jack R. Craig, Fernald Remedial Action Project Manager
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705

Dear Mr. Craig:

This letter is to confirm the conclusions expressed in your letter of October 8, 1992, regarding radon measurements for Waste Pits 4 and 5. The methodology presented in the letter from the United States Department of Energy dated June 25, 1992, is acceptable to verify the compliance status of Waste Pit 4. Additionally, as the water cover on Waste Pit 5 has reached a nearly 100 percent cover, it may be assumed to have zero emissions as is clearly stated in 40 CFR 61, Appendix B, Method 115.

The radon measurements for Waste Pits 1, 2, 3, and the Clearwell were submitted previously and were conducted in accordance with the test methods of 40 CFR 61. The radon flux readings were below the standard, or assumed to be zero, if water-covered.

If you have any further questions regarding the radon flux measurement of the Waste Pits or the Clearwell, please feel free to call Michael Murphy at (312) 353-6686.

Sincerely yours,

Larry Jensen, Acting Chief
Radiation Section

738-6236

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