



State of Ohio Environmental Protection Agency

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Southwest District Office

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2003 APR 21
Maureen O'Connor, Lt. Governor
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Bob Taft, Governor

FILE: 6446.6c6b

April 17, 2003

Mr. Johnny Reising
U.S. Department of Energy, Fernald Area Office
P.O. Box 538705
Cincinnati, OH 45253-8705

RE: CONCURRENCE WITH PATH-FORWARD FOR QUONSET HUT SOILS

Dear Mr. Reising:

This letter provides Ohio Environmental Protection Agency concurrence with the path-forward as outlined in your letter DOE-0313-03 for the treatment and disposition of soils currently staged in the Quonset Hut. We briefly summarize the issues as follows:

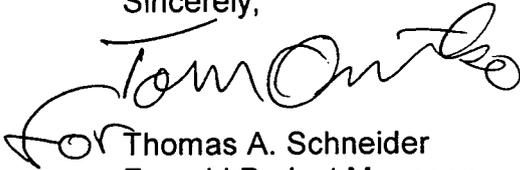
- The OU 5 Record of Decision identified roughly 600 cubic yards of soil as having the toxicity characteristic of trichloroethylene (TCE). These soils were located northwest of Building 12.
- In late 2001, the soils were excavated and placed in Quonset Hut No. 1 for temporary staging while treatment options were investigated.
- Five different rounds of sampling were conducted from November 2002 to March 2003 to assist in developing treatment options. Thirty two samples from 18 borings were collected. DOE has concluded from the sampling that the western half of the pile still exhibits the Toxicity Characteristic for TCE while the eastern half of the pile does not.
- DOE proposes to place the eastern half of the pile in the OSDF.
- DOE proposes to treat the western half of the pile via an enhanced soil venting process. A treatment plan for Regulatory review and approval will be prepared in Spring 2003. Per Ohio Administrative Code 3745-31-03(D), the treatment system does not require an Ohio Air Pollution Control permit nor will the off-gases generated by the process require treatment. Updates on the progress of the system will be reported in the weekly faxes. After treatment is completed and sample analysis verifies that the treatment is successful, DOE intends to place the soils in the OSDF.

Mr. Johnny Reising
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The Ohio Environmental Protection Agency concurs with this approach.

Should you have any questions, please contact Tom Ontko or me.

Sincerely,

A handwritten signature in cursive script that reads "Tom Ontko". The signature is written in black ink and is positioned above the typed name of the sender.

Thomas A. Schneider
Fernald Project Manager
Office of Federal Facilities Oversight

cc: Jim Saric, U.S. EPA
Terry Hagen, Fluor Fernald
Mark Shupe, GeoTrans, Inc.
Michelle Cullerton, Tetra Tech EM Inc.
Ruth Vandergrift, ODH