



State of Ohio Environmental Protection Agency

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George V. Voinovich
Governor

February 17, 1998

RE: DOE FEMP
COMMENTS: A1 P2 IRDP

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

Dear Mr. Reising:

Due to an error during comment compilation, two comments were left out of my February 9, 1998 letter regarding the Area 1 Phase II IRDP. Following are the two comments:

1. Commenting Organization: Ohio EPA Commentor: DSW
Section #: Drawing G0015 Pg #: Line #: Code: C
Comment: We have experienced problems with a small diameter drainage in that the pipe tends to plug. The preferred configuration is similar to that found in the sediment basin for the OSDF where the large diameter riser pipe (e.g. 72" vs 8") has the 1" holes. Design should follow the 100% drawdown specifications in *Rainwater and Land Development*. Additionally the riser should be wrapped with wire mesh then double wrapped in geotextile (*Rainwater and Land Development*, page 105).

2. Commenting Organization: Ohio EPA Commentor: DSW
Section #: Drawing G0014 Pg #: Line #: Code: C
Comment: This sediment basin is long and narrow. To optimize settling of fines flow should be baffled through this basin. For example plastic construction fencing could be installed across the basin to slow flow (see *Rainwater and Land Development*, page 101 and 109. Side slope is recommended not to exceed 2:1 for safety reasons (see *Rainwater and Land Development*, page 101).

If you have any questions, please contact Joe Bartoszek or me.

Sincerely,

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

cc: Jim Saric, U.S. EPA
Terry Hagen, FDF
Ruth Vandergrift, ODH

Mark Shupe, HSI GeoTrans
Francie Barker, Tetra Tech EM Inc
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