



G-000-104.17

2578

**COMMENTS ON THE PTI AND DETAIL PLANS
FOR THE MANHOLE 34 SPILL CONTROL
PROJECT**

11/14/91

OEPA/DOE-FO

2

LETTER



State of Ohio Environmental Protection Agency

Southwest District Office

40 South Main Street
Dayton, Ohio 45402-2086
(513) 285-6357
FAX (513) 285-6249

2578

George V. Voinovich
Governor

November 14, 1991

Mr. Ed Skintik
Department of Energy
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705

Date Rec'd NOV 18 1991
Log E-1002
File _____
Library _____

Dear Mr. Skintik:

I am writing in regard to the PTI and detail plans for the Manhole 34 Spill Control Project submitted to this office. I have the following comments:

1. It is recommended that the air line to the valve be run along, and be anchored to, the wall of the 60-inch pipe to prevent it from being damaged by flow or debris. Can a flexible supply line be used?
2. Will the 24-inch sewer end up discharging into the 12-inch lift station sewer during low flows because of the alignments? Should this be avoided?
3. Is the storm sewer lift station flow sloped so as to provide for the capability to collect and pump a small spill volume? Can it be pumped dry? How will residual spill material be removed from Manhole 34 considering that it, and some portion of the influent sewer lines, are backed up by concrete dams.
4. What are the characteristics of the materials that are most likely to be potentially spilled and enter the storm sewer system?
5. What is the 12-inch pipe line that will be used to transport spill material from the lift station to the general sump made of? What type of joints are used? Has the integrity of the line been tested? What provisions are there for purging the line of spill material?
6. What type of controls will be provided for actuating the air valve and where will they be located? The controls and the valves for changing the discharge piping should be very clearly marked. Spill instructions should be provided for anyone to implement. Is the door to the lift station building normally unlocked?

Mr. Ed Skintik
DOE-FEMP
November 14, 1991
Page Two

Once I receive your response to these comments, I will be able to continue my review of the detail plans. If you have any questions concerning this letter, please contact me at (513) 285-6095.

Sincerely,



Matt Walbridge
Division of Water Pollution Control
Permits Group

MW/acn

cc: Gerald W. Westerbeck, DOE-FEMP