



State of Ohio Environmental Protection Agency

Southwest District Office

2969

401 East Fifth Street
Dayton, Ohio 45402-2911

TELE: (937) 285-6357 FAX: (937) 285-6249

Bob Taft, Governor
Maureen O'Connor, Lt. Governor
Christopher Jones, Director

May 4, 2000

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

FERNALD
LOG A-1199
MAY 8 8 15 AM '00
FILE: Vcdh... 602143
LIBRARY:

RE: OCTOBER 1999 RE-INJECTION DEMO OPERATING REPORT

Dear Mr. Reising:

The Ohio Environmental Protection Agency has one comment on the Re-Injection Demonstration Operating Report for October 1999; The rapid 5.4 foot rise in water level in injection well IW-10 is puzzling. There is convincing evidence that the mechanism for plugging of the injection wells has been iron-reducing bacterial growth. This has until now resulted in a gradual increase of water level. From Figure 3 it appears that the increase in water level occurred between three-per-day water level measurements. Are there any mechanical problems or operational changes in the well that would cause the rapid rise? We would be interested in hearing any theories that explain the observations.

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

Sincerely,

Tom Ontko

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

cc: Jim Saric, U.S. EPA
Terry Hagen, FDF
Mark Shupe, HSI GeoTrans
Francie Hodge, Tetra Tech EM Inc.

Ruth Vandergrift, ODH

Q:\femp\reinjoct.wpd

1