



**Department of Energy**

**Ohio Field Office  
Fernald Closure Project  
175 Tri-County Parkway  
Springdale, Ohio 45246  
(513) 648-3155**



MAR 07 2006

Mr. James A. Saric, Remedial Project Manager  
United States Environmental Protection Agency  
Region V, SR-6J  
77 West Jackson Boulevard  
Chicago, Illinois 60604-3590

DOE-0083-06

Mr. Tom Schneider, Project Manager  
Ohio Environmental Protection Agency  
Southwest District Office  
401 East 5<sup>th</sup> Street  
Dayton, Ohio 45402-2911

Dear Mr. Saric and Mr. Schneider:

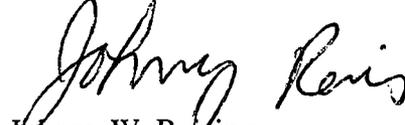
**TRANSMITTAL OF TRANSMITTAL OF OHIO ENVIRONMENTAL PROTECTION  
AGENCY COMMENTS ON THE INTEGRATED ENVIRONMENTAL MONITORING  
PLAN (IEMP) MID-YEAR DATA SUMMARY FOR 2005**

- References:
- 1) Letter, J. Saric, "RE: IEMP Mid-Year Summary Report 2005," dated December 15, 2006
  - 2) Letter, T. Schneider to J. Reising, "Transmittal of Ohio Environmental Protection Agency Comments on the Integrated Environmental Monitoring Plan (IEMP) Mid-Year Data Summary for 2005," dated February 8, 2006

This letter transmits the subject document to the U.S. Environmental Protection Agency (EPA) and Ohio Environmental Protection Agency. EPA identified that the IEMP Mid-Year Data Summary Report for 2005 was adequate and had no comments (Reference 1). Comment responses pertain to comments sent by OEPA (Reference 2).

If you have any questions regarding this transmittal, please contact me at (513) 648-3139.

Sincerely,



Johnny W. Reising  
Director

Enclosure

cc w/enclosures:

E. Skintik, DOE-OH  
C. Jacobson, Stoller  
M. Lutz, Stoller  
J. Powell, DOE-LM/FCP  
M. Cullerton, TetraTech  
G. Jablonowski, USEPA-V, SR-6J  
M. Murphy, USEPA-V, AE-17J  
T. Schneider, OEPA-Dayton (total of 3 copies of enclosure)  
M. Shupe, HSI GeoTrans  
R. Vandegrift, ODOH  
AR Coordinator, Fluor Fernald, MS6

cc w/o enclosure:

D. Carr, Fluor Fernald, Inc., MS77  
J.D. Chiou, Fluor Fernald, Inc., MS88  
W. Hertel, Fluor Fernald, Inc., MS12  
F. Johnston, Fluor Fernald, Inc., MS12  
C. Tabor, Fluor Fernald, Inc., MS12  
T. Tetsuwari, Fluor Fernald, Inc., MS12  
E. Woods, Fluor Fernald, Inc., MS90

**OHIO ENVIRONMENTAL PROTECTION AGENCY**  
**COMMENTS ON THE**  
**INTEGRATED ENVIRONMENTAL MONITORING PLAN**  
**MID-YEAR DATA SUMMARY FOR 2005**

**FERNALD CLOSURE PROJECT**  
**FERNALD, OHIO**

**MARCH 2006**

**U.S. DEPARTMENT OF ENERGY**



the module in order to maintain capture of the eastern edge of the South Plume. More recent groundwater modeling presented as Modeling Approach C in the Groundwater Remedy Evaluation and Field Verification Plan and Modeling Approach C in the Waste Storage Area Phase II Design Report has a modeled target-pumping rate of 200 gpm for RW-4. The ability to achieve a model predicted cleanup using a lower target pumping rate for RW-4 is attributed to stopping re-injection along Willey Road which allows more capture from the South Field Wells, and recent lower uranium concentrations in the area of the eastern most off-property lobe. The lower target-pumping rate of 200 gpm is scheduled to become effective at RW-4 on April 1, 2006, as noted in Revision 3 of the Operations and Maintenance Master Plan for Aquifer Restoration and Wastewater Treatment.

Action:

As stated in response.

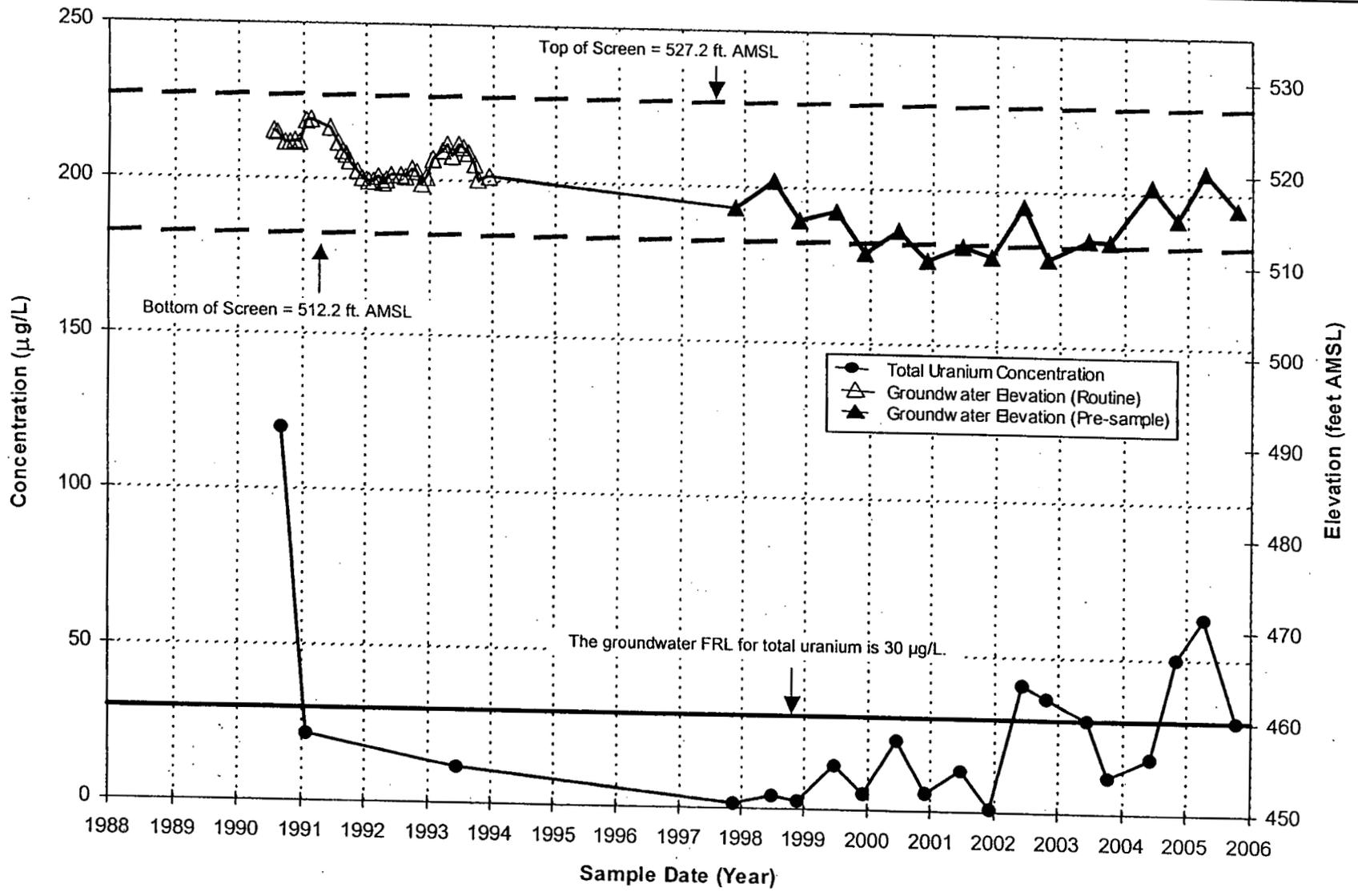


FIGURE A.2-31. TOTAL URANIUM CONCENTRATION VS. TIME PLOT FOR MONITORING WELL 2389