



Department of Energy

Ohio Field Office
Fernald Area Office

P. O. Box 538705
Cincinnati, Ohio 45253-8705
(513) 648-3155



3703

JUN 07 2001

Mr. James A. Saric, Remedial Project Manager
United States Environmental Protection Agency
Region V, SRF-5J
77 W. Jackson Boulevard
Chicago, IL 60604-3590

DOE-0630-01

Mr. Tom Schneider, Project Manager
Ohio Environmental Protection Agency
401 East 5th Street
Dayton, OH 45402-2911

Dear Mr. Saric and Mr. Schneider:

REQUEST TO MODIFY MONITORING WELL 22198

This letter formalizes the subject request and provides supporting information as discussed with you in the weekly site update teleconferences earlier this year. Monitoring Well 22198 is the downgradient well monitoring Cell 1 of the On-Site Disposal Facility (OSDF). The well was installed prior to design and construction of the wetlands that now surround the monitoring well. Initial designs for the wetlands indicated that the area immediately surrounding the well would not flood; however, changes to the wetlands during construction have altered the wetlands so that water now surrounds the monitoring well during portions of the year.

It is necessary to raise the well because there is the possibility that water from the wetlands could compromise the integrity of the monitoring well, and because access to the well for sampling and well maintenance activities is difficult. It is proposed that the outer protective casing and the well riser be raised by approximately 2 feet as shown on the enclosed Figure 1. The inside of the protective casing will be filled with bentonite to provide an extension of the surface seal. A ramp will be constructed of compacted soil from the berm to the well.

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Mr. James A. Saric
Mr. Tom Schneider

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Please provide us with your concurrence with and/or comments to this request. Should you have any questions regarding this request, please contact Robert Janke at (513) 648-3124.

Sincerely,



Johnny W. Reising
Fernald Remedial Action
Project Manager

FEMP:R.J. Janke

Enclosure

cc w/enclosure:

K. Chaney, EM-31/CLOV
N. Hallein, EM-31/CLOV
R. J. Janke, OH/FEMP
G. Jablonowski, USEPA
T. Schneider, OEPA-Dayton (three copies of enclosure)
F. Bell, ATSDR
F. Hodge, Tetra Tech
M. Schupe, HSI GeoTrans
R. Vandegrift, ODH
AR Coordinator, Fluor Fernald, Inc./78

cc w/o enclosure:

J. Jalovec, OH/FEMP
A. Tanner, OH/FEMP
D. Carr, Fluor Fernald, Inc./MS2
T. Hagen, Fluor Fernald, Inc./MS65-2
S. Hinnefeld, Fluor Fernald, Inc./MS31
U. Kumthekar, Fluor Fernald, Inc./MS64
T. Walsh, Fluor Fernald, Inc./MS46
ECDC, Fluor Fernald, Inc./MS52-7

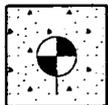
2



2:1 SLOPE
(TYPICAL)

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22198



15'-0" 23'-0"

3'-0"

EXTEND WELL CASING
24" ABOVE EXIST. PAD

NEW 2'x2'x6"
CONCRETE PAD

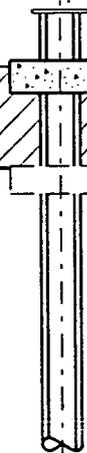
REMOVE EXIST.
CONCRETE PAD

TO NORTH
ACCESS ROAD



2
1 24"

CLEAN SOIL FILL



3

Fernald Environmental
Management Project

FLUOR FERNALD, INC.



U.S. DEPARTMENT OF ENERGY

**SCHEMATIC OF PROPOSED
MODIFICATIONS TO
WELL 22198**

DATE 2/27/01
DRAWN S.J.SMOCK