

Department of Energy

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SEP 25 2000

Mr. James A. Saric, Remedial Project Manager
U.S. Environmental Protection Agency
Region V-SRF-5J
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

DOE-1033-00

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

Ms. Valerie Orr
Division of Drinking and Ground Waters – UIC Unit
Ohio Environmental Protection Agency
P.O. Box 1049
1800 Watermark Drive
Columbus, Ohio 43216-1049

Dear Mr. Saric, Mr. Schneider, and Ms. Orr:

REQUEST TO USE A MORE AGGRESSIVE RE-INJECTION WELL TREATMENT PROCEDURE

This letter, as per the U.S. Environmental Protection Agency's (U.S. EPA) and Ohio Environmental Protection Agency's (OEPA) request during the Department of Energy (DOE)/EPA conference call on Tuesday, September 19, 2000, serves to formally request approval to proceed with the use of a more aggressive re-injection well treatment procedure.

The need for and description of the more aggressive re-injection well treatment procedure were presented to the U.S. Environmental Protection Agency (U.S. EPA) and Ohio Environmental Protection Agency (OEPA) in an electronic mailing from Mr. Robert Janke, Soil and Water Project Manager, dated September 13, 2000. The revised treatment procedure is briefly summarized on the next page.

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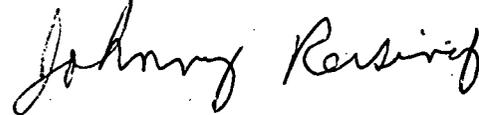
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Mr. James A. Saric
Mr. Tom Schneider
Ms. Val Orr

In the past, re-injection wells were treated using only sodium hypochlorite. Residual plugging has recently been detected at some of the wells indicating that a more aggressive procedure is now needed to maintain well efficiencies. The more aggressive treatment will consist of using sodium hypochlorite, hydrochloric acid, and calcium hypochlorite. In order to be protective of the environment, prior to resuming re-injection in the treated well, a minimum of five times the volume of standing water in the well, or five times the volume of chemicals added to the well, will be removed from the well, whichever is more.

If you have any questions concerning this request, please contact Robert Janke at (513) 648-3124.

Sincerely,



Johnny W. Reising
Fernald Remedial Action
Project Manager

FEMP:R.J. Janke

cc:

N. Hallein, EM-31/CLOV
R. J. Janke, OH/FEMP
A. Tanner, OH/FEMP
G. Jablonowski, USEPA-V, SRF-5J
T. Schneider, OEPA-Dayton (three copies of enclosure)
F. Bell, ATSDR
M. Schupe, HSI GeoTrans
R. Vandegrift, ODH
F. Hodge, Tetra Tech
D. Carr, Fluor Fernald, Inc./2
T. Hagen, Fluor Fernald, Inc./65-2
J. Harmon, Fluor Fernald, Inc./90
S. Hinnefeld, Fluor Fernald, Inc./31
M. Jewett, Fluor Fernald, Inc./52-2
U. Kumthekar, Fluor Fernald, Inc./65
T. Walsh, Fluor Fernald, Inc./65-2
AR Coordinator, Fluor Fernald, Inc./78
ECDC, Fluor Fernald, Inc./52-7