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OEPA COMMENT ON WORK PLAN

05/26/87

**OEPA/DOE-FMPC
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LETTER**



State of Ohio Environmental Protection Agency

Southwest District Office
7 East Fourth Street
Dayton, Ohio 45402-2086
(513) 449-6357

RICHARD F. CERESIE
Governor

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May 26, 1987

Mr. Rick Collier
Environmental Engineer
U.S. DOE/FMPC
P.O. Box 398705
Cincinnati, Ohio 45239

Dear Mr. Collier:

The purpose of this letter is to comment on the work plan received on April 29 concerning Order 14. The work plan for 14A and 14C appear to be adequate. Comments listed below are directed toward 14B (hydrogeological studies).

1. It is essential when using numerical and/or analytical hydrogeologic modeling that model calibration be performed based on site-specific information obtained from water level measurements from piezometers or wells and from the development of the detailed hydrogeologic setting as established from geologic logs of soil borings and monitor wells. Model calibration should occur each time new information is obtained.
2. In this study it will be necessary to include models for present and future pumping demands, i.e., collector well #3 is presently being built.
3. Task #2 should include the submittal of monthly progress reports to the EPA in the form of potentiometric maps for the area of study. Also a map is needed showing the location of all wells/piezometers to be used in the study as well as the location of any monitor wells/piezometers to be drilled to supplement the study.
4. Water quality data from monitor wells should be used to supplement the models.
5. Mr. Richard Bendula of this office would like to assist FMPC's consultants in designing and conducting this study. Two weeks notice prior to conducting any field activities is requested.

If you have any questions regarding these comments please contact me.

Sincerely,

Graham E. Mitchell
Unit Supervisor
Water Quality Monitoring & Assessment

GEM/dkc

cc: Mr. Robert Conner, Westinghouse
Jack Van Kley, OAG

MAY 28 1987

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