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**SOUTH GROUNDWATER CONTAMINATION
PLUME REMOVAL ACTION WEEKLY REPORT
OCTOBER 11, 1991**

10/11/91

**DOE-FSO/EPA
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REPORT**

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South Groundwater Contamination Plume - Part 1 (Alternate Water Supply)

WEMCO has directed A. M. Kinney, Inc. (Architectural/Engineering firm for the Part 1 design) to resume design activities for the Delta Steel portion of the effort, as per the agreements of the October 3, 1991, meeting with Delta Steel (details of this meeting were discussed in the October 4, 1991, Weekly Report). An evaluation of the piping system (piping distribution system with the Delta Steel system interface) will commence on October 11, 1991, at which time, a walk through will be conducted by A. M. Kinney, Inc. and WEMCO personnel.

South Groundwater Contamination Plume - Part 2 (Pump and Discharge)

The Part 2 design is presently on hold pending resolution of three (3) issues:

- minimum/maximum pumping rates of the extraction wells,
- the dissolved oxygen concentration in the South Plume groundwater and,
- minimum/maximum flow rates for piping distribution system.

The above issues are currently being addressed by A. M. Kinney, Inc. and Parsons. Potential impact to the schedule is not known at this time.

South Groundwater Contamination Plume - Part 3 (Installation and operation of an Interim Advanced Wastewater Treatment System (IAWWT) to reduce contaminant loading to the Great Miami River to a level less than 1,700 pounds per year

The revised draft of the specifications and P&ID for the IAWWT Trailer (treatment system) package was reviewed by WEMCO and the DOE-FO. Comments were submitted to Parsons on October 11, 1991, for incorporation into the modified CFC approval package. This modified trailer package is expected to be issued for bid on October 25, 1991.

South Groundwater Contamination Plume - Part 5 (Groundwater Modeling and Geochemical Investigation)

Draft responses to the U.S. and Ohio EPA comments for Part 5 have been prepared and are under review. The responses should be issued next week.

General Issues

The addendum to the South Groundwater Contamination Plume Removal Action EE/CA has been revised to incorporate the Ohio EPA and DOE-HQ comments. Draft responses to OEPA comments have been prepared. No comments from U.S. EPA have been received to date. After review by the Operable Unit 5 WEMCO and DOE manager, the revised document will be issued to DOE-HQ so that the NEPA process can begin. U.S. EPA comments will be incorporated when they are received. It is assumed that the comments will be similar to those received from OEPA.

General Comments

A Schedule Extension Request according to the provisions stipulated in Section XVIII of the Amended Consent Agreement, on Parts 1, 2 and 3 of the South Groundwater Contamination Plume Removal Action, was prepared and will be transmitted to U.S. EPA during the week of October 14, 1991.