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**SOUTH GROUNDWATER CONTAMINATION
PLUME REMOVAL ACTION WEEKLY REPORT
DECEMBER 18, 1992**

12/18/92

**DOE-FN/EPA
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REPORT**

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Part 1 - Alternate Water Supply

The analysis results of the samples taken from the well field are expected by December 23, 1992, and will be issued from the laboratory directly to OEPA. Following OEPA approval, a 60-day acceptance period will be implemented prior to system turnover to Albright and Wilson Americas.

Part 2 - Pump and Discharge

Part 2A pipeline installation is progressing. Construction in the areas of Manholes 176B and 177B has been placed on hold pending evaluation of the installation of a single NPDES monitoring facility for the total combined discharge from the FEMP.

The Outfall Cofferdam (Part 2B1) excavation is complete and the contractor is preparing to install the outfall piping. Construction of the Oxygen Augmentation System (Part 2B2) is progressing as scheduled.

The Delta Steel and Weber property condemnation packages are being reviewed by DOE-HQ; DOE-HQ review is scheduled for completion by January 4, 1993. The Webers have signed a temporary access agreement that allows DOE to perform an archaeological/historical survey on their property and allows access to the CSX property for initial recovery well field construction activity.

Part 3 - Installation and Operation of an Interim Advanced Wastewater Treatment (IAWWT) system to reduce uranium contaminant loading to the Great Miami River to a level less than 1,700 pounds per year.

The design effort for the flocculation/clarification step upstream of the IAWWT(BDN-ETS) is on schedule for 90% submittal by January 7, 1993.