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**SOUTH GROUNDWATER CONTAMINATION
PLUME REMOVAL ACTION WEEKLY REPORT
DECEMBER 11, 1992**

12/11/92

**DOE-FN/EPA
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REPORT**

[REDACTED]

SOUTH GROUNDWATER CONTAMINATION PLUME

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Part 1 - Alternate Water Supply

Construction and initial operability testing of the system was completed on December 7, 1992. However, it is our intention not to place the system into operation until approval is received from Ohio Environmental Protection Agency (OEPA).

OEPA recently requested additional analysis of the water supply wells; samples were collected on December 7, 1992, and results are expected in about 2 weeks. Subsequently, these results will be submitted 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.

The Outfall Cofferdam contractor (Part 2B1) has completed installation of cofferdam sheet piling and excavation has started. Construction of the Oxygen Augmentation System (Part 2B2) is progressing as scheduled.

The Delta Steel and Weber property condemnation packages are being reviewed by U.S. Department of Energy-Headquarters (DOE-HQ); DOE-HQ review is scheduled for completion by January 4, 1993.

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.