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**SOUTH GROUNDWATER CONTAMINATION
PLUME REMOVAL ACTION WEEKLY REPORT
JANUARY 29, 1993**

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REPORT**

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Part 1 - Alternate Water Supply

Resampling has been performed on both AWA-1 and AWA-2 wells and results are also "Positive" for coliforms. Additional wells disinfection will be performed, followed by further sampling.

Following Ohio Environmental Protection Agency (OEPA) approval, a 60-day acceptance period will be implemented prior to system turnover to Albright and Wilson Americas (AWA).

Part 2 - Pump and Discharge

Construction Package 2A pipeline installation is progressing and is on schedule for completion prior to initiation of the well pump test to be performed under Construction Package 2D. Procurement activities for the single NPDES monitoring facility are being expedited in order to minimize impact to the schedule.

The outfall outlet and pipeline installation (Construction Package 2B1) are complete.

Construction of the Oxygen Augmentation System (Construction Package 2B2) is progressing. The 2B2 project schedule will likely be impacted by late delivery of blowers and some electrical equipment, but should not impact the overall Part 2 schedule. DOE had planned for aeration capability during the well pump test (Package 2D) to avoid impacts to FEMP Storm Water Retention Basin operations; but, the equipment delivery delays may result in inability to aerate the South Plume discharge stream during the pump test. On August 26, 1992, DOE requested OEPA to acknowledge the likely non-aeration situation and to provide relief from potential enforcement actions in the event of NPDES noncompliance; DOE has not yet received a written response.

The Delta Steel and Weber property condemnation packages were transmitted to the Department of Justice.

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.

Upon completion of sand filtration testing, a decision will be made to proceed with the pretreatment system (flocculation/clarification or sand filtration) which best suits the continued operation of the IAWWT(BDN-ETS) unit. The decision is expected to be made by mid-February, which will accomodate installation of the selected pretreatment system by June 30, 1993.