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**SOUTH GROUNDWATER CONTAMINATION
PLUME REMOVAL ACTION WEEKLY REPORT
MAY 8, 1992**

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**DOE-FN/EPA
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REPORT**

SOUTH GROUNDWATER CONTAMINATION PLUME REMOVAL ACTION

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May 8, 1992

Part 1 - Alternate Water Supply

Responses to the United States Environmental Protection Agency (U.S. EPA) and Ohio Environmental Protection Agency (Ohio EPA) comments on Part 1 and the revised Attachment 1, Pre-excavation Field Screening and Soil Sampling and Analysis Plan, were submitted to the U.S. EPA and Ohio EPA on May 8, 1992.

DOE-FN concurred with Westinghouse Environmental Management Company of Ohio's (WEMCO's) request to begin construction on a limited basis on Removal Action 3, Part 1 - Alternate Water Supply. Work will begin at Albright and Wilson and proceed north to the three contiguous properties where access has already been obtained.

Part 2 - Pump and Discharge

Responses to the U.S. EPA and Ohio EPA comments on parts 2/3 and the revised Attachment 1, Soil and Rubble Sampling and Analysis Plan were submitted to the U.S. EPA and Ohio EPA on May 8, 1992.

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 general contractor, IND/COM Builders, is finishing the grading around the IAWWT(SWRB) construction site.

The assembly of the IAWWT(SWRB) Utilities Building is about 50 percent complete.

H. Randolph was mobilized on May 5, 1992, for construction of the IAWWT-Biodenitrification/Effluent Treatment System (BDN-ETS) unit.

WEMCO Maintenance completed the removal of the required tanks and pumps from the IAWWT(BDN) trailer unit used for the AAWT ion exchange demonstration project. The equipment was made available to the contractor.

Part 4 - Groundwater Monitoring and Institutional Controls

A purchase requisition was submitted to Procurement for the purchase and installation of two ion exchange systems to be supplied by Culligan Water Conditioning at two private residences where common wells have been affected by the South Groundwater Contamination Plume. Procurement has stated that Culligan will be notified by telephone this week and that the paperwork will

be hand delivered in order to expedite the procurement and installation of these systems. The original target date for placement of this order was May 15, 1992. This effort is currently one week ahead of the proposed schedule. Since the requisition requests installation and start-up within 30 days, the systems should be on line by June 8, 1992, provided no unforeseen delays occur.

A NEPA Categorical Exclusion was prepared for the procurement of the two ion exchange systems.