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**REMOVAL ACTION NUMBER 3: SOUTH
GROUNDWATER CONTAMINATION PLUME,
PART 1 - ALTERNATIVE WATER SUPPLY,
SUPPLEMENTAL INFORMATION FOR SCHEDULE
EXTENSION REQUEST**

06/04/92

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JUN 0 4 1992
DOE-1830-92

Mr. David A. Ullrich
Director, Waste Management Division
U.S. Environmental Protection Agency
Region 5
77 West Jackson Boulevard
Chicago, IL 60604-3590

Attention: HRE-8J

Dear Mr. Ullrich:

**REMOVAL ACTION NUMBER 3: SOUTH GROUNDWATER CONTAMINATION PLUME, PART 1 -
ALTERNATE WATER SUPPLY, SUPPLEMENTAL INFORMATION FOR SCHEDULE EXTENSION
REQUEST**

- References:
1. Letter, DOE-1444-92, J. R. Craig to J. A. Saric and G. E. Mitchell, "Removal Action Number 3: South Groundwater Contamination Plume, Part 1 - Alternate Water Supply, Request for Schedule Extension," dated April 24, 1992
 2. Letter, D. A. Ullrich to R. E. Tiller, "U. S. DOE Request for Extension on Part 1 of the South Plume Removal Action," dated May 28, 1992
 3. Letter, DOE-044-92, J. R. Craig to J. A. Saric and G. E. Mitchell, "Request for Schedule Extension on Parts 1, 2, and 3 of the South Groundwater Contamination Plume Removal Action," dated November 20, 1991

In response to your letter (Reference 2) of May 28, 1992, this letter provides further explanation of the schedule extension request (Reference 1) on the commitment date for "completion of construction" on Part 1 - Alternate Water Supply (AWS). A revised milestone date for completion of construction has been established and is provided herein.

As noted in Reference 1, the U.S. Department of Energy (DOE) previously requested a schedule extension, which was subsequently approved by the United States Environmental Protection Agency (U.S. EPA) and the Ohio Environmental Protection Agency (Ohio EPA) on December 6, 1991. The approved schedule extension date for Part 1 was developed assuming condemnation of the AWS well field and pipeline site (Rowe and Rowe, Trustees property) would not be required. Condemnation was not anticipated or assumed in the schedule, based

on a record of prior successful negotiations for access agreements with the Trustees in obtaining right-of-entry for survey and exploration. DOE and the U.S. Army Corps of Engineers (COE) experienced unanticipated difficulties in obtaining access to the AWS well field and pipeline site and have proceeded forward with condemnation of the required properties. Although unanticipated, the COE initiated the condemnation process at the earliest possible date following legally-required appraisals and offers to the property owners, document preparation and after negotiations with the owners were deemed unsuccessful. All required properties were referred to the U.S. Department of Justice (DOJ) for access under Section 104(e) of CERCLA within the time frames required by the Consent Agreement, Section XXIX.B. All potentially required properties were referred to DOJ in a timely manner with the information available at the time of referral. After referral, however, work plan revisions for future water-demand requirements, drilling delays due to health and safety concerns, and changes in the proposed well field design (including its location) affected the COE's and DOE's ability to finalize the well field location and design, and to negotiate or otherwise, secure access. These conditions were discussed in the enclosure to our November 20, 1992 (Reference 3) extension request. Analytical data confirming that the proposed well field would produce water that meets the State of Ohio's requirements for a public drinking water supply were not received until December 1991. The final design package was contingent upon receiving acceptable laboratory analysis results on the quality of the well field's groundwater. Once this was received, the final design package was issued, the well field location was finally established, final access demands were sent to the property owners, supplemental information necessary for access cases was provided to DOJ, and the COE continued its property negotiations and condemnation preparations.

DOE and COE have pursued measures to avoid and work around potential access problems and to expedite resolution of existing problems. Nevertheless, several of the property owners have declined to negotiate access agreements or have stipulated requirements which are unreasonable. Although DOE was not able to determine the condemnation package review time period and provide a revised milestone date in Reference 1, the review of the property condemnation packages have been expedited at DOE-Headquarters (DOE-HQ) and at COE for completion at the earliest possible date. Also, on May 13, 1992, DOE initiated construction of the AWS project for all portions of the project where access agreements have been successfully obtained.

As requested in Reference 2 and pursuant to Section XVIII of the 1991 Amended Consent Agreement, the following information is provided:

1. A specific date of the extension:

DOE requests an extension of the "completion of construction" milestone date for Part 1 of the South Plume Removal Action to December 7, 1992 (See attached schedule). This date is based on DOE-HQ approval of the condemnation packages by July 23, 1992, (based on ninety (90) days DOE-HQ review following receipt on April 9, 1992 and April 24, 1992) and the assumption that the U.S. District Court grants possession by August 27, 1992 (based on the COE's experience in filing previous condemnation packages).

2. Demonstrate that construction activities have been completed before the existing July 14, 1992 deadline:

Partial construction of Part 1 began on May 13, 1992, between Albright and Wilson, Americas and the "unknown owner" properties. As of June 4, 1992, the pipeline between CSX and the unknown properties has been installed. Construction on the CSX Realty property will be completed by June 30, 1992, and likely all construction south of the "unknown owner" property will be essentially completed by July 14, 1992. The remaining construction on Part 1 will be accelerated by adding an additional construction crew and working ten hours a day five days a week. Construction will be complete on or before December 7, 1992.

3. Commit to expediting review of condemnation packages for a time period not to exceed ninety (90) days:

The Assistant Secretary for Environmental Restoration and Waste Management is committed to expediting the time period for DOE-HQ review of the condemnation packages. The condemnation packages for Part 1 were issued to DOE-HQ on April 9, 1992 and April 24, 1992, and are scheduled to be approved by the DOE Under Secretary on or before July 23, 1992 (within the ninety (90)-day review cycle).

4. Seek ways to expedite other Parts of the South Plume Removal Action to compensate for delays in scheduled activities:

Part 2 - Pumping and Discharge Systems were organized into five (5) construction packages to expedite design and construction activities. For Package 2A Groundwater Discharge Pipeline and Outfall Pipeline, appraisals for Knollman Farms properties have been completed and negotiations will take place on June 4 and 5, 1992. Assuming these negotiations are successful, construction of Package 2A will begin in late June, 1992. Fabrication of long-lead piping for Package 2A is completed and delivery will be completed in mid-June, 1992. Package 2B1 - Outfall Outlet (and Cofferdam) - design package has been completed and issued for construction contract bids with an expected award date of July 1, 1992. Package 2B2 - Effluent Aeration Facility - design package is scheduled for completion on July 3, 1992 and will be issued for construction bid shortly thereafter. Package 2C - Recovery Well Field - design package is scheduled for completion on July 1, 1992. Package 2D - Test Well Installation and Pump Test - design package is scheduled for completion on July 3, 1992. Appraisals for the Package 2C and 2D properties have been completed and negotiations with property owners have been initiated.

Evaluation of the South Plume modeling has indicated that the Part 2, Package 2D, pump test can be adequately performed at a well location on Earl J. Weber's property, on which access is expected to be obtained earlier than the Delta Steel property. Therefore, DOE now plans to install the test well on Weber's property and thereby,

minimize the schedule impact anticipated in obtaining access to the Delta Steel property.

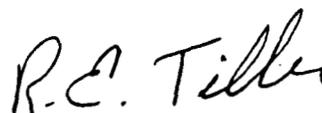
Part 3 - Interim Advanced Waste Water Treatment is on schedule for operation by July 30, 1992.

Part 5 - Groundwater Modeling and Geochemical Investigation will be accelerated and initiated by July 1, 1992. Access to CSX Realty property is anticipated by July 1, 1992. "Hydropunching" will be initiated on the other properties, even if access to CSX Realty property is not obtained by July 1, 1992. In addition, due to access expiration concerns, DOE plans to perform the "south row" of hydropunching concurrently with the "north row."

The above information is provided to express our dedication to meeting the Amended Consent Agreement commitments at the earliest possible date and to establish good cause for a schedule extension. We will continue to seek ways to expedite other parts of the South Plume project.

If you or your staff have any questions, please contact Jack R. Craig at FTS/Commercial 513-738-6159.

Sincerely,



R. E. Tiller
Manager

FN:Fermaintt

Enclosure: As Stated

cc w/enc.:

R. P. Whitfield, EM-40, FORS
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