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**FEDERAL FACILITIES COMPLIANCE AGREEMENT - REMEDIAL
INVESTIGATION AND FEASIBILITY STUDY (RI/FS) - FMPC**

10/22/87

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LETTER

USEPA



Department of Energy

Oak Ridge Operations

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OCT 22 1987

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Environmental Review Branch
Planning & Management Division
US - EPA
Region 5 - 5HE-12
230 S. Dearborn Street
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Attn: Catherine McCord

**FEDERAL FACILITIES COMPLIANCE AGREEMENT - REMEDIAL INVESTIGATION
AND FEASIBILITY STUDY (RI/FS) - FEED MATERIALS PRODUCTION CENTER
(FMPC)**

Dear Catherine:

As you are aware, the FMPC has initiated a limited portion of field activities associated with Task 3 of the RI/FS. In order to continue progressive work on the RI/FS in a technically sound and cost effective manner, a need has been identified to initiate additional RI/FS field tasks. The proposed additional field tasks and the justification for initiating the tasks are presented below.

o Biological Sampling Plan - Produce and Vegetation Sampling

The aquatic sampling portion of the biological sampling program has been initiated. Produce and vegetation sampling activities also need to be initiated. The conclusion of the 1987 harvest season is quickly approaching. The FMPC is proposing to initiate this portion of the biological sampling program this harvest season to avoid potential schedule slippage resultant from the sampling next season.

o Surface Soil Sampling Program - Systematic Soil Sampling

As part of the radiation measurement program, biased soil sampling in areas at or above the established reference level (35 pCi/g of total uranium in soil) has been initiated. In order to most effectively utilize FMPC resources, the FMPC is proposing to initiate the collection

5547

of systematic soil samples as defined in the August 24, 1987 submittal of the Task 2 Work Plan - Revision 1. Systematic soil sampling will be performed concurrently with the radiation measurements program. With winter approaching, it is intended to collect systematic soil samples this fall so as to maintain program milestone schedules. Increased time and resources are necessary for the collection of soil samples during the winter months (i.e., sampling frozen ground).

o Groundwater Sampling Program - Installation of Additional Wells

As indicated in previous correspondence, the installation of forty-five (45) groundwater monitoring wells at the FMPC is well underway. In order to optimize available FMPC resources, it is planned to install all seventy-four (74) wells as defined in the August 24, 1987 submittal of the Task 2 Work Plan - Revision 1. With the exception of well location 371, these plans do not include the initiation of drilling at off-site locations. This action is necessary to minimize drilling time by completing well clusters in sequence with one set-up. Drilling clusters in sequence will also allow the FMPC to better define the screen depths for the 100 and 200 series wells by completing the 300 series well as the first well in each cluster. The FMPC will perform necessary field screening and sampling during the installation of the 200 and 300 series wells to ensure that potential contamination from the till region is not permitted to migrate to the lower sands and gravels.

All well installation procedures will be consistent with the August 24, 1987 submittal of the Work Plan - Revision 1 and the change pages to the support documentation.

In summary, DOE is planning to proceed with additional RI/FS field tasks as described above to support program milestones and optimize available FMPC resources. Unless formal objections are raised by USEPA - 5 or Ohio EPA by October 30, 1987, DOE plans to initiate the additional field tasks on or after October 31, 1987. As always, both USEPA and Ohio EPA are welcome to visit the FMPC and observe any portion of the field activities. Please contact Rick Collier of my staff (513-738-6660) to make visit arrangements.

We appreciate your timely consideration of the matter.

Sincerely,


James A. Reafshyber
Site Manager

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DP-84:Collier

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5547

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