

**REQUEST FOR APPROVAL - ENGINEERING  
EVALUATION/CSOT ANALYSIS (EE/CA)  
DOCUMENT FOR THE WASTE PIT AREA STORM  
WATER RUN-OFF CONTROL REMOVAL ACTION -  
FMPC**

**DOCUMENT DATE 05-11-90**

United States Government

Department of Energy

Oak Ridge Operations

# memorandum

May 11, 1990

DATE: DOE-1049-90

REPLY TO: DP-84:Westerbeck

ATTN OF:

SUBJECT: **REQUEST FOR APPROVAL - ENGINEERING EVALUATION/COST ANALYSIS  
(EE/CA) DOCUMENT FOR THE WASTE PIT AREA STORM WATER RUN-OFF  
CONTROL REMOVAL ACTION - FMPC**

TO: Leo P. Duffy, Director, Office of Environmental Restoration,  
EM-1, FORS

Reference: Consent Agreement Under CERCLA Section 120 and 106(a),  
between the U.S. Department of Energy and the United  
States Environmental Protection Agency - Region V -  
FMPC

As a result of Remedial Investigation/Feasibility Study (RI/FS) activities being conducted at the Feed Materials Production Center, uranium contaminated storm water run-off from the waste pit area has been identified as a source of contamination to Paddy's Run creek. DOE has determined, through the Consent Agreement negotiations with U.S. EPA and Ohio EPA, that a removal action would be appropriate to address the uranium contamination in the waste pit area storm water run-off. This removal action will be initiated prior to completion of the RI/FS and the implementation of a final remedial action for the waste storage area. Since a planning period of greater than six months existed prior to the selection of the removal action, an Engineering Evaluation/Cost Analysis (EE/CA) document was prepared to evaluate removal alternatives, select a preferred alternative and to document the decision process.

The final EE/CA document (attached) has been reviewed by DOE Headquarters staff, EH-232 (Lisa Feldt), EM-442 (Randi Allen), and the Office of NEPA Assistance, EH-25 (Caroline Osborne). All comments and questions have been incorporated into the document or have been resolved.

This response action has been evaluated as required in Section 104(c)(1) of CERCLA and if selected would continue after \$2,000,000 or 12 months have elapsed from the date of initial response. The EE/CA demonstrates that the continued response action is otherwise appropriate and consistent with all proposed final remedial actions.

The Consent Agreement requires that the EE/CA document for the Waste Pit Area Storm Water Run-off Control Removal Action be submitted to U.S. EPA on or before May 30, 1990. Your approval of this document is requested prior to May 28, 1990 in order to meet the required date for submittal to U.S. EPA.

If your staff has any questions, please ask them to contact Bobby Davis or Jack Craig, of my staff, at FTS 774-6156 and FTS 774-6159, respectively.

*Ray Hansen for*  
Gerald W. Westerbeck  
FMPC Site Manager

Attachment: As stated

cc w/att.:

- E. G. Feldt, EH-232, FORS
- C. Osborne, EH-25, FORS

cc w/o att.:

- W. R. Bibb, DP-80, ORO
- R. B. Allen, EM-422, GTN
- W. A. Weinreich, WMCO