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Department of Energy

Richland Field Office

P.O. Box 550

Richland, Washington 99382

9301691

MAR 23 1993



93-LWB-053

Mr. David B. Jansen, P.E.
Hanford Project Manager
State of Washington
Department of Ecology
P.O. Box 47600
Olympia, Washington 98504-7600



Dear Mr. Jansen:

200 AREA TREATED EFFLUENT DISPOSAL FACILITY (PROJECT W-049H) APPROVAL TO CONSTRUCT THE COLLECTION SYSTEM

The U.S. Department of Energy, Richland Field Office (RL), has submitted a 240 Engineering Report (WHC-SD-W049H-ER-003, Rev 0), as well as the collection system 80% Design Report for Project W-049H in fulfillment of the requirements of Washington Administrative Code (WAC) 173-240 and the 216 Consent Order, #DE 91NM-177. The State of Washington Department of Ecology (Ecology) has provided comments to both submittal packages.

Proposed comment resolutions for the 240 Engineering Report submittal were accepted in your letter of August 11, 1992. Incorporation of these resolutions into the revision of the WAC 173-240 Engineering Report has been done and the report will be scheduled for submittal to Ecology in August 1993. The comments on the Plutonium Uranium Extraction Plant and B Plant water tower overflows were agreed to be a waste minimization activity beyond the scope of the selected best available technology/all known, available, and reasonable methods of prevention, control, and treatment alternative for the liquid effluent streams to be collected and disposed by Project W-049H. A schedule and plan will be provided to Ecology at a later date, establishing the elimination of these two streams.

RL has transmitted under separate cover letter the 100% Design Plans and Specifications which incorporate resolutions to comments provided by Ecology on the 80% Design Plans and Specifications for the collection system design. In the event any of these resolutions are unsatisfactory to Ecology, RL will incorporate mutually acceptable resolutions to the design through Engineering Change Notices.

The WAC 173-240 regulations require submittal and approval of both the 240 Engineering Report, and the Plans and Specifications prior to the start of construction. The project schedule identifies the start of construction in April 1993, to support start-up of the project in June 1995, per the Hanford Federal Facility Agreement and Consent Order Milestone M-17-08.

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RL is requesting Ecology formally grant approval to begin construction of the collection system in order to maintain timely completion of Project W-049H. It is noted that the 240 Engineering Report revisions to be submitted in August 1993, will have no impact on the design of the collection system.

Should you have any questions or require further information, please contact Mr. L. S. Mamiya of my staff at (509) 376-1471.

Sincerely,

June M. Hennig
June M. Hennig, Director
Waste Management Division

LWB:LSM

- cc: G. Anderson, Ecology
- P. T. Day, EPA
- M. Jaraysi, Ecology
- M. Selby, Ecology
- G. Jackson, WHC
- R. W. Oldham, WHC
- T. B. Veneziano, WHC
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