



## Department of Energy

Richland Operations Office  
P.O. Box 550  
Richland, Washington 99352

0013202

91-EAB-023

MAR 15 1991



Mr. Timothy L. Nord  
Hanford Project Manager  
State of Washington  
Department of Ecology  
Mail Stop PV-11  
Olympia, Washington 98504-8711

Dear Mr. Nord:

### REPAIR OF CATCH TANK 241-S-302A

- References: (1) Letter, T. L. Nord, Ecology, to Mr. S. H. Wisness, DOE-RL, "Repair of Catch Tank S-302-A," dated February 15, 1991.
- (2) Letter, R. D. Izatt, DOE-RL, to T. L. Nord, Ecology, "Waste Accumulation at the 241-Z Facility," ERD:RGH, dated February 5, 1991.

This letter is to confirm our receipt of Reference 1, and your concurrence with our plans for repair of the 241-S-302A Catch Tank (catch tank). Pursuant to your request, this letter also transmits the following technical information:

#### Batch Designs for Grout

The batch designs for the grout which will be used to repair the catch tank can be found in the "Engineering Work Plan - Sealing Leak in Catch Tank 241-S-302A" (Enclosure 1). This plan describes the tasks that will be performed to seal the leak in the catch tank.

#### Procedure for Leak Testing

The procedure for leak testing the catch tank, "Operating Procedure for Liquid Level Monitoring of the 241-S-302A Catch Tank," is provided as Enclosure 2. This procedure describes the onsite preparation and operating instructions for the ultrasonic liquid level monitoring activity which will be used to leak test the catch tank before returning it to service.

As requested in Reference 1, we are keeping Mr. Gary Anderson of your staff informed of the repair schedule so that he can be present during the grout pour. We informed Mr. Anderson by telephone that we did not conduct the grout pour on February 21, 1991, due to interference from high winds. We will advise him of the new schedule as soon as it is established.

Mr. Timothy L. Nord

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Repair of the catch tank will be carried out in accordance with procedures set forth in the draft letter transmitted to Mr. Toby Michelena, on February 15, 1991, and subsequent discussions with Messrs. Michelena and Anderson. This should allow the catch tank to be returned to service in late March 1991. This will alleviate liquid waste transfer problems between the Plutonium Finishing Plant and Double-Shell Tank Farms which were identified in Reference 2.

The U.S. Department of Energy, Richland Operations Office (DOE-RL) and the Westinghouse Hanford Company appreciate your department's cooperation on this important matter.

If you require additional information, please contact Mr. R. G. Holt, DOE-RL, on (509) 376-9989.

Sincerely,



R. D. Izatt, Director  
Environmental Restoration Division  
Richland Operations Office

ERD:RGH



R. E. Lerch, Manager  
Environmental Division  
Westinghouse Hanford Company

Enclosures:

1. Engineering Work Plan
2. Operating Procedure

cc w/o encls:

R. E. Lerch, WHC

# CORRESPONDENCE DISTRIBUTION COVERSHEET

<b>Author</b> R. E. Lerch, WHC R. D. Izatt, DOE-RL	<b>Addressee</b> Timothy L. Nord, Ecology	<b>Correspondence No.</b> Incoming 9101328
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**Subject:** REPAIR OF CATCH TANK S-302-A

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