



Department of Energy

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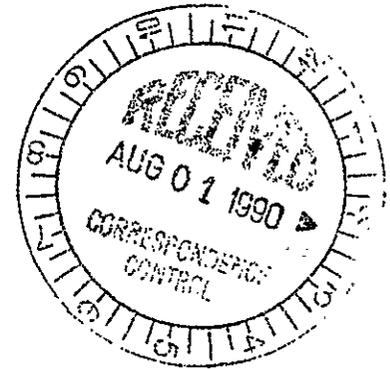
Richland Operations Office
P.O. Box 550
Richland, Washington 99352

JUL 10 1990

90-PPB-037

START

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



Dear Mr. Nord:

HANFORD DANGEROUS WASTE PART A PERMIT APPLICATION (WA7890008967)

Enclosed is the Dangerous Waste Part A Permit Application Form 3, Revision 0, for Tank 241-CX-70. Tank 241-CX-70 was used in the early 1950's to store high-level process waste from the REDOX pilot plant studies. REDOX is the acronym used for the reduction/oxidation chemical process separating plutonium and uranium from irradiated reactor fuels. The initial tank waste volume of 10,300 gallons was reduced to 750 gallons through tank waste removal activities. The tank waste removal activities involved a sluicing/pumping system which used large volumes of water to sluice/pump the solid waste from Tank 241-CX-70 to a double-shell tank in the 200 East Area Tank Farms.

The Form 3, Revision 0, has been written to permit the remaining 750 gallons (two-thirds liquid and one-third solid). The remaining 750 gallons have been sampled and analyzed and the results have shown the waste in the tank to be corrosive. In accordance with Washington State Dangerous Waste Regulation 173-303-090, the contents of Tank 241-CX-70 have been designated dangerous waste code D002, for a corrosive waste. The Part A permit application is being submitted to allow continued storage of the dangerous waste contained in Tank 241-CX-70 until the waste is removed and the tank closed. The need for this Part A permit application has been discussed with Mr. T. M. Michelena of your staff.

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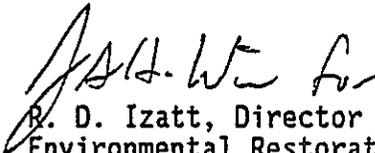
Mr. Timothy L. Nord

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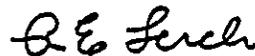
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If you have any question regarding the enclosed permit application revision, please contact Mr. C. E. Clark of the U.S. Department of Energy, Richland Operations Office on (509) 376-9333 or Ms. C. J. Geier of the Westinghouse Hanford Company on (509) 376-2237.

Sincerely,



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



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

Enclosure:
Dangerous Waste Part A Permit
Application For Tank 241-CX-70

cc w/encl.:
P. T. Day, EPA
D. L. Duncan, EPA
R. E. Lerch, WHC

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Subject		
DANGEROUS WASTE PART A PERMIT APPLICATION FOR TANK 241-CX-70 (WA7890008967)		

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