



Department of Energy

Idaho Operations Office
West Valley Project Office
P.O. Box 191
West Valley, NY 14171

July 19, 1991

M-32
PDR/LPDR

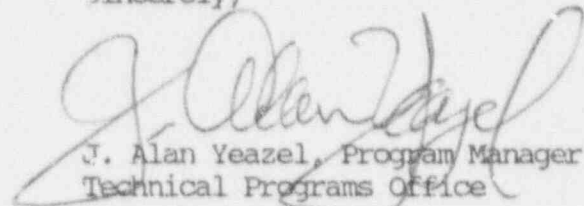
Mr. R. Davis Hurt
U. S. Nuclear Regulatory Commission
Headquarters
Washington, D. C. 20555

SUBJECT: Integrated Radwaste Treatment System (IRTS) Campaign #21 Run Report

Dear Mr. Hurt:

Enclosed for your information is the Run Report for the Integrated Radwaste Treatment System (IRTS) Campaign #21. This report provides details concerning the operational run of the IRTS including: process description, operational details, system performance, lessons learned and the results obtained. Campaign #21 processed 6,300 gallons of supernatant containing 26,000 curies when the process was placed in standby because of the discovery of the possible accumulation of fissile material in the IRTS evaporator. An additional 18,200 gallons of supernatant containing 48,000 curies was pumped to Column A to saturate the column with the decontaminated supernatant returned to Tank 8D-2. Campaign #21 processed a total of 24,500 gallons of supernatant containing 74,000 curies for a cumulative total of 618,000 gallons containing 5,209,000 curies removed from Tank 8D-2. As described to you in other communications, IRTS processing will resume later this year as the beginning of sludge wash.

Sincerely,


J. Alan Yeazel, Program Manager
Technical Programs Office

Enclosure

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