



M-32

## Department of Energy

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

October 5, 1990

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

SUBJECT: Integrated Radwaste Treatment System (IRTS) Campaign #18 Run Report

Dear Mr. Hurt:

Enclosed for your information is the Run Report for the Integrated Radwaste Treatment System (IRTS) Campaign #18. 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 #18 processed 39,800 gallons of supernatant containing 270,000 curies for a cumulative total of 512,100 gallons containing 4,604,000 curies removed from Tank 8D-2.

Campaign #18 was a four column run in a B-C-D-A configuration. The average Campaign #18 decontamination factor was 33,640.

Sincerely,

J. Alan Yeazel, Program Manager  
Operations, Construction,  
and Fuel Shipout  
West Valley Project Office

Enclosure

cc: J. E. Solecki, DOE-ID

CBL:057:90 - 2115:90:01

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PDR PROJ  
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NF13

C. Lusk



From : IRTS Process Control Engineering  
 Ext. 4283, MS-W

Letter # : DC:90:0099

Date : September 25, 1990

Subject : IRTS Campaign No. 18 Run Report

To : P. J. Valenti - MS-W

cc: M.N. Baker.....W R.F. Gessner....201 W.F. MacKellar..56A K.E. Sanders.....X  
 S.M. Barnes M J.B. Green.....39 S.A. MacVean.....W D.J. Sawyer.....205  
 M. Boyd.....Z-18 A.J. Howell.....W D.K. Marsh.....X H.J. Shaffner.....X  
 J.J. Buggy.....07 R.F. Itzo.....Z-18 D.C. Meess...Z-18 D.L. Shugars.....B  
 D.E. Carl.....I M.L. Jeffe.....X B.J. Miller...206 G.A. Smith.....W  
 J.D. Chamberlain.40 P.S. Klanian.....J D.F. Pezzimenti.W D.J. Stroud....Z-18  
 R.W. Dallas.....X R.E. Lawrence...307 D.K. Ploetz...305 D.L. Wiltse.....R  
 M.W. Damerow....40 D.R. Leap.....42 W.G. Poulson...07 Original.....MRC  
 D.G. Feldman.....R R.J. Lewandowski..B C.F. Ross.....W IRTS PCE Letter Log  
 R.J. Fussner.....X L.L. Lincoln.....X G.J. Robbins....W  
 D.H. Garland.....R B.W. Liskow.....R A.F. Russillo.....R

Transmitted for your information and use is the Run Report for IRTS Campaign No. 18.

If you have any questions regarding the information in this report, please contact the undersigned (Ext. 4283).

*J.C. Cwynar*

J. C. Cwynar, Manager  
 Mail Stop - W  
 IRTS Process Control Engineering  
 West Valley Nuclear Fuel Co., Inc.

~~ATTN: SRC~~

Attachments

SRC3740

DC:90:0099

September 25, 1990

bcc: T. L. Sonntag MS-NYSERDA  
C. B. Leek MS-DOE  
T. Rowland MS-DOE  
P. VanLoan MS-DOE  
J. A. Yeazel MS-DOE

SRC3740