

**NHS, INC.**

805 Goethals Drive • Richland, WA 99352 • (509) 943-0802

a subsidiary of Hanford Environmental Health Foundation

November 17, 1987

CO 87-0711

Advanced Nuclear Fuels
2101 Horn Rapids Road
Richland, WA 99352

Attn: S. Lockhaven

WATER ANALYSIS FOR VOLATILE ORGANICS

The three water samples which you submitted September 30, 1987, have been analyzed for 1,1,1-Trichloroethane and Freon 113 as per your request. The concentrations of these compounds found in the samples as well as those of any other major volatile components are listed below.

The analyses were performed in accordance with EPA methodology for the analysis of purgeable organic compounds.

<u>Compound</u>	<u>Results $\mu\text{g/L}$</u>		
	<u>#1</u>	<u>#13</u>	<u>#14</u>
Freon 113	54	45	4.5
1,1,1-Trichloroethane	17	<1*	15
Trichloroethylene	8.9	<1*	54

*The detection limit for these compounds is 1 $\mu\text{g/L}$.

If you have any questions concerning this report, please contact us.

T. J. Gilfoil
NHS, Inc.

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NHS, INC.

805 Goethals Drive • Richland, WA 99352 • (509) 943-0802

a subsidiary of Hanford Environmental Health Foundation

January 21, 1988

CO 87-1015

Advanced Nuclear Fuels
2101 Horn Rapids Road -
Richland, WA 99352

Attn: S. Lockhaven

WATER ANALYSIS FOR VOLATILE ORGANICS

The six water samples which you submitted December 14, 1987, have been analyzed for Freon 113, Trichloroethylene, and 1,1,1-Trichloroethane as per your request. The concentrations of these compounds found in the samples are listed below. No other major halogenated volatile components were found.

The analyses were performed in accordance with EPA methodology for the analysis of purgeable organic compounds.

Results µg/L

<u>SAMPLE #</u>	<u>FREON 113</u>	<u>TRICHLOROETHYLENE</u>	<u>1,1,1-TRICHLOROETHANE</u>
1	8.6	230	27
8	1.0	<1.0*	1.9
9	17	420	33
13	<1.0	<1.0	<1.0
14	5.3	79'	14
EF	<1.0	<1.0	<1.0

* The detection limit for these compounds is 1 µg/L.

If you have any questions concerning this report, please contact us.

T. J. Gilfoil
T. J. Gilfoil
NHS, Inc.

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