

R2-B22



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Energy/
Environment
Systems Division

July 8, 1992

Mr. Dan Jones
U.S. Nuclear Regulatory Commission
Region II
101 Marietta Street
Suite 2900
Atlanta, GA 30323

SUBJECT: CONFIRMATORY SAMPLE ANALYSES, WESTINGHOUSE ELECTRIC CORPORATION, COLUMBIA, SOUTH CAROLINA

Dear Mr. Jones:

Enclosed are the confirmatory sample results for the water and soil samples from Westinghouse Electric Corporation in Columbia, South Carolina.

Please give me a call at 615-576-2908 if you have any questions or comments regarding this information.

Sincerely,

A handwritten signature in cursive script that reads "Michele R. Landis".

Michele R. Landis
Project Manager
Environmental Survey and
Site Assessment Program

MRL:ttc

Enclosure

cc: T. Mo, NRC/NMSS, 6H3
J. Berger, ORISE/ESSAP
PMDA, NRC/NMSS, 6E6
File/195

D-1

TABLE 1

WESTINGHOUSE ELECTRIC CORPORATION
 NUCLEAR FUEL DIVISION
 COLUMBIA, SOUTH CAROLINA

Sample #	Gross Alpha (pCi/L)	Gross Beta (pCi/L)
HC-2	<3.4	<4.2
HC-5	<4.3	4.4 ± 2.6 ^a
HC-6	6.7 ± 2.5	4.7 ± 2.6
HC-9	<4.0	12.9 ± 2.9
W-37	<3.3	<4.1

^aUncertainties represent the 95% confidence level, based only on counting statistics.

Resolution = 2.7

$$Ratio \frac{LIC}{NRC} = \frac{21}{6.7} = 3.13$$

1.7

TABLE 2

WESTINGHOUSE ELECTRIC CORPORATION
 NUCLEAR FUEL DIVISION
 COLUMBIA, SOUTH CAROLINA

Sample #	Radionuclide Concentrations (pCi/g)		
	U-234	U-235	U-238
HC-7	1.0 ± 0.2 ^a	<0.1	2.0 ± 0.2
HA-14	75.2 ± 1.3	4.1 ± 0.4	16.6 ± 0.7

^aUncertainties represent the 95% confidence level, based only on counting statistics.