

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, appearing to read '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.