

Westinghouse Electric Corporation Nuclear Fuel Division Manufacturing Department

Drawer R Columbia South Carolina 29250 (803) 776 2610

August 12, 1982

Director of Inspection and Enforcement U. S. Nuclear Regulatory Commission Washington, D. C. 20555

Dear Sir:

Subject: SNM-1107/70-1151

The following report is issued in compliance with 10 CFR 40.65 and 10 CFR 70.59 "Effluent Monitoring Reporting Requirements". For the six-month period January 1, 1982 through June 30, 1982, the following quantities of radionuclides were released to the unrestricted areas by the Westinghouse Electric Corporation's Columbia, South Carolina fuel fabrication plant:

A. Gaseous

502.1 uCi Uranium (Analyzed as gross alpha)

B. Liquid Effluent

54,088 uCi - U234

3,676 uCi - U235

13,852 uCi - U238

Gaseous results were obtained from point source analysis of stack gas effluent, and the individual radionuclide composition can be assumed to average the same as the liquid $(75.5\%\ U_{234},\ 5.1\%\ U_{235},\ 19.4\%\ U_{238})$.

Liquid values were obtained by compositing proportional samples prior to discharge to the Congaree River.

Sincerely,

WESTINGHOUSE ELECTRIC CORPORATION

W. L. Goodwin, Manager Regulatory Compliance

WLF:1b WP0426:3

Director, Region II (2)
U. S. Nuclear Regulatory Commission
101 Marietta Street, Suite 3:00
Atlanta, Georgia 30303

Director, MIPC (2) U. S. Nuclear Regulatory Commission Washington, D. C. 20555

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