

Westinghouse Electric Corporation

Power Systems

Nuclear Fuel Division  
Manufacturing Department

Drawer R  
Columbia South Carolina 29205  
(803) 776 2610

August 7, 1980

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

Re: SNM-1107/70-1151

Dear Sir:

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, 1980 through June 30, 1980 the following quantities of radionuclides were released to the unrestricted areas by the Westinghouse Electric Corporation's Columbia (S.C.) plant:

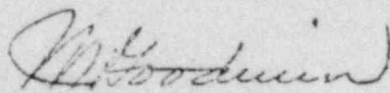
A. Gaseous	536.8 uCi Uranium (Analyzed as gross alpha)
B. Liquid Effluent	77,790 uCi - U <sub>234</sub> 3,557 uCi - U <sub>235</sub> 20,352 uCi - U <sub>238</sub>

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<sub>234</sub>, 3.7% U<sub>235</sub>, 20.8% U<sub>238</sub>).

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

Sincerely,

WESTINGHOUSE ELECTRIC CORP.



W. L. Goodwin, Manager  
Regulatory Compliance

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PDR

cc: Director, Region II  
Nuclear Regulatory Commission  
101 Marietta Street, Suite 3100  
Atlanta, Georgia 30303

Director, MIPC  
Nuclear Regulatory Commission  
Washington, D. C. 20555