



TERA

Westinghouse Electric Corporation

Power Systems

Nuclear Fuel Division
Manufacturing Department

Drawer R
Columbia South Carolina 29205
803 776 2610

August 6, 1979

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

Dear Sir:

RE: SNM 1107/70-1151


The following report is issued in compliance with 10 CFR 40.65 and 10 CFR 70.59 "Effluent Monitoring Requirements." For the six month period January 1, 1979 through June 30, 1979, the following quantities of radionuclides were released to the unrestricted areas by the Westinghouse Electric Corporation's Columbia (S.C.) plant:

- | | |
|---------------------|--|
| A. Gaseous Effluent | 1040 uCi Uranium (analyzed as gross alpha) |
| B. Liquid Effluent | 86,213 uCi - U ₂₃₄ |
| | 4,258 uCi - U ₂₃₅ |
| | 17.275 uCi - U ₂₃₈ |

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 (80.0% U₂₃₄, 4.0% U₂₃₅, 16.0% U₂₃₈). 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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cc: Director, MIPC
Regional Director, Region II

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