ROCHESTER GAS AND ELECTRIC CORPORATION • 89 EAST AVENUE, ROCHESTER, N.Y. 14649

JOHN E. MAIER
VICE PRESIDENT

TELEPHONE
AREA CODE 716 546-2700

IE HQ FILE COPY

March 10, 1981

50-244

Mr. Boyce H. Grier, Director
U. S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
Region I
631 Park Avenue
King of Prussia, Pennsylvania 19406

Dear Mr. Grier:

The enclosed material is being presented in accordance with the requirements of Technical Specification 6.9.3a and b for the period of July 1, 1980 to December 31, 1980 and 6.9.3c(1) for the year 1980.

During the last six months of 1980, 25.4 curies contained in 4,795 cubic feet of solid waste was disposed of at the Barnwell, South Carolina Burial Grounds. Also during this period, 632.1 curies of gaseous effluents were released through the plant vents. Through liquid releases, 63.7 curies of tritium plus 0.0035 ci of other radioactive materials were released.

Tabulations of the above information are included with this report. During our semiannual leak tests of sealed sources, one source was found with removable contamination greater than 0.005 microcuries, the remainder were found to have less than this limit.

NBS Serial #45, Model 4904-D containing 0.45 microcuries of Am-241 was found to have leaked. 0.0113 microcuries of smearable contamination was determined by our leak test.

This source has been removed from service (1/14/81) and is being held until a suitable burial site for low level quantities of transuranics is available for proper disposal.

One additional copy of this transmittal is enclosed.

Very truly yours,

John E. Maier

John E. Maier

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BACK-FIT

Enclosures
cc: Mr. Victor Stello, Jr. (6)

SOLID WASTS SHIPMENTS (7/1/80 to 12/31/80)

DESTINATION	MATERIAL	CUBIC FEET	CURIES
Barnwell S.C.	Evap Bottoms/ Dry Completed waste	1029	0.289
Barnwell S.C.	Evap Bottoms	554	0.827
Barnwell S.C.	Evap Bottoms	510	0.665
Barnwell S.C.	Evap Bottoms	494	0.231
Barnwell S.C.	Evap Bottoms/ Cemented Filters	135	20.500
Barnwell S.C.	Evap Bottoms/ Dry Compacted Waste	612	0.197
Barnwell S.C.	Dry Compacted Waste	960	1.512
Barnwell S.C.	Evap Bottoms/ Dry Compacted Waste	501	1.210
	TOTAL:	4795 ft^3	25.431 Ci