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the southern electric system

W. G. Hairston, III
Senior Vice President
Nuclear Operations

November 29, 1990

HL-1382
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U.S. Nuclear Regulatory Commission, Region II
Attention: Mr. D. M. Collins, Chief
Emergency Preparedness and Radiological
Protection Branch
101 Marietta Street
Atlanta, Georgia 30323

PLANT HATCH - UNITS 1, 2
NRC DOCKETS 50-321, 50-366
OPERATING LICENSES DPR-57, NPF-5
ANALYSIS RESULTS FOR NRC CONFIRMATORY
MEASUREMENTS PROGRAM

Gentlemen:

The enclosure to this letter provides the results of the radiochemical analyses of liquid samples sent to Plant Hatch in October, 1990 as part of the NRC Confirmatory Measurements Program. The samples were analyzed for Tritium, iron-55, Strontium-89, and Strontium-90 in accordance with approved procedures for analysis of liquid radwaste samples.

If you have questions regarding the enclosed data, please contact this office at any time.

Sincerely,

W. G. Hairston
W. G. Hairston

JKB/rw

Enclosure:

c: (See next page.)

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PDR ADOCK 05000321
PDR

FE06
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FE07

U. S. Nuclear Regulatory

November 29, 1990

Page Two

c: Georgia Power Company
Mr. H. L. Sumner, General Manager - Nuclear Plant
Mr. J. D. Heidt, Manager Engineering and Licensing - Hatch
NORMS

U.S. Nuclear Regulatory Commission, Washington, D.C.
Mr. K. Jabbour, Licensing Project Manager - Hatch

U.S. Nuclear Regulatory Commission, Region II
Mr. S. D. Ebnetter, Regional Administrator
Mr. L. D. Wert, Senior Resident Inspector - Hatch

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ENCLOSURE

PLANT HATCH - UNITS 1, 2
 NRC DOCKETS 50-321, 50-366
 OPERATING LICENSES DPR-57, NPF-5

TELEDYNE ISOTOPES
REPORT OF ANALYSIS

WORK ORDER NUMBER	CUSTOMER P.O. NUMBER	DATE RECEIVED	DELIVERY DATE	PAGE 1
3-4994	7001525	10/25/90	11/16/90	

LIQUID RADWASTE

TELEDYNE SAMPLE NUMBER	CUSTOMER'S IDENTIFICATION	COLLECTION-DATE		NUCLIDE	ACTIVITY { UCI/ML }	MID COUNT TIME		VOLUME-UNITS ASH-WGHT-%*	LAB
		START DATE TIME	STOP DATE TIME			DATE	TIME		
18305	E.I. Hatch	10/01 1200	10/01 1200	SR-89	4.5 +/- 0.1 E-05	11/06			3
				SR-90	2.3 +/- 0.1 E-06	11/06			3
				FE-55	3.7 +/- 0.2 E-05	11/19			3
				H-3	5.7 +/- 0.2 E-05	11/04			5

APPROVED BY J. GUENTER 11/20/90

LAB LEGEND

- 2 - Gas Lab
- 3 - Radio Chemistry Lab
- 4 - GE{LI} Gamma Spec Lab.
- 5 - Tritium Gas'/L.S. Lab.
- 6 - Alpha Spec Lab.

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