



South Carolina Electric & Gas Company
P.O. Box 88
Jenkinsville, SC 29065
(803) 345-4040

John L. Skolds
Vice President
Nuclear Operations

November 6, 1990
5:05:38.08

NOV 9 11:14

Mr. S. D. Ebnetter
Regional Administrator
U. S. Nuclear Regulatory Commission
Region II, Suite 2900
101 Marietta Street, NW
Atlanta, GA 30323

Dear Mr. Ebnetter:

SUBJECT: VIRGIL C. SUMMER NUCLEAR STATION
DOCKET NO. 50/395
OPERATING LICENSE NO. NPF-12
SPECIAL REPORT (SPR 90-015)

This Special Report is being submitted by South Carolina Electric & Gas Company (SCE&G) pursuant to Technical Specification 6.9.2 as required by Action 30 of Specification 3.3.3.1, Item 1c.

Special Report 90-013 was submitted October 12, 1990, and in part, stated the following:

On September 25, 1990, RM-G7, the Reactor Building, Hi-Range, Area radiation monitor appeared to be alarming spuriously and was declared inoperable and removed from service. Investigation revealed that even though RM-G7 was functioning and indicating properly, spurious alarms would occur occasionally during the activation of the Electronic Check Source (ECS). Extensive troubleshooting was performed and demonstrated that the monitor and detector were functioning properly. The troubleshooting has indicated that the most probable cause of the spurious alarm is slight contamination (i.e. dirt, dust, etc.) on a connector in the circuit. Due to power operations and location of these connectors more extensive troubleshooting could not be performed to confirm this. This problem will not inhibit RM-G7 from performing its intended function but can interfere with the feedback of the ECS signal to the monitor, thus causing spurious alarms. Engineering has provided Operations with directions for determining whether an alarm on RM-G7 is spurious or indicative of an actual problem. RM-G7 was placed in service for monitoring on October 5, 1990, and was declared operable on October 8, 1990, after no other problems were found.

On October 14, 1990, RM-G7 was again declared inoperable. During the ECS check a "trouble alarm" condition was being indicated. The duration of the trouble condition increased such that an "alarm" condition would remain actuated.

9011190162 901104
PDR ADDCK 05000395
S PDC

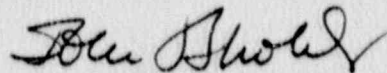
OFFICIAL COPY 1/0
TE 22

Mr. S. D. Ebner
November 6, 1990
818.05 & 818.08
Page 2

Troubleshooting continues to indicate that the fault is inside containment (Reactor Building) and repairs cannot be performed at this time. Repairs are presently scheduled for the next refueling outage or the next cold shutdown of sufficient duration. As required by Technical Specifications, an alternate method of monitoring has been initiated.

Should there be any questions, please call us at your convenience.

Very truly yours,



John L. Skolds

RJB:JLS:lcd

c: O. W. Dixon, Jr.
E. C. Roberts
R. V. Tanner
General Managers
W. F. Wunder
C. A. Price
NRC Resident Inspector
J. B. Knotts, Jr.
Marsh & McLennan
Document Control Desk
INPO Records Center
ANI Library
NSRC
NRC
RTS (ONO 900109)