

SOUTH CAROLINA ELECTRIC & GAS COMPANY

POST OFFICE 764

COLUMBIA, SOUTH CAROLINA 29218

O. W. DIXON, JR.
VICE PRESIDENT
NUCLEAR OPERATIONS

34 NOV 6 AIO: 23

October 29, 1984

Mr. James P. O'Reilly
Regional Administrator
U.S. Nuclear Regulatory Commission
Suite 2900
101 Marietta Street, NW
Atlanta, GA 30323

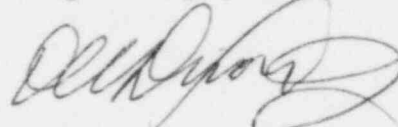
SUBJECT: Virgil C. Summer Nuclear Station
Docket No. 50/395 / H
Operating License No. NPF-12
Special Report (SPR 84-014)

Dear Sir:

Attached is a Special Report for the Virgil C. Summer Nuclear Station. This Report is required by Technical Specification 6.9.2 as a result of entry into Action Statement (a) of Technical Specification 3.4.9.3, "Overpressure Protection Systems," on September 30, 1984.

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

Very truly yours,



O. W. Dixon, Jr.

CJM:OWD/lcd
Attachment

cc: V. C. Summer	K. E. Nodland
T. C. Nichols, Jr./O. W. Dixon, Jr.	R. A. Stough
E. H. Crews, Jr.	G. Percival
E. C. Roberts	C. W. Hehl
W. A. Williams, Jr.	J. B. Knotts, Jr.
D. A. Nauman	I&E Washington
Group Managers	Document Management Branch
O. S. Bradham	INPO Records Center
C. A. Price	ANI Library
D. A. Lavigne	NPCF
J. F. Heilman	File
C. L. Ligon (NSRC)	

8411160155 841029
PDR ADOCK 05000395
S PDR

OFFICIAL COPY

1622

Mr. James P. O'Reilly
SPR 84-014
October 29, 1984

CAUSE OF INOPERABILITY

On September 30, 1984, the Plant was in the process of cooling down for entry into Mode V for the First Refueling Outage. When the Reactor Coolant System (RCS) temperature reached 300°F, Technical Specification 3.4.9.3, "Overpressure Protection Systems," required either:

- a) two (2) operable Power Operated Relief Valves (PORVs), or
- b) the RCS depressurized with a vent of greater than or equal to 2.7 square inches.

The operability of the two PORVs ensures that the RCS will be protected from pressure transients which would exceed the limits of Appendix G to 10CFR50.

The Licensee was unable to meet the above requirement for two (2) operable PORVs because PORV PCV-445A had previously been declared inoperable and blocked because of a design error. The details of this design error are addressed in LER 83-100, Revision 1, dated January 27, 1984.

PLANS FOR RESTORING TO OPERABLE STATUS

South Carolina Electric and Gas Company has received an amendment to Technical Specification 3.4.9.3 allowing the use of the Residual Heat Removal System (RHRS) relief valves as the primary method of mitigating cold overpressurization transients. The hardware modifications for the transition from PORVs to RHRS relief valves for Cold Overpressure Protection System (COPS) will be completed during the present refueling outage enabling compliance with revised Technical Specification 3.4.9.3.