

SOUTH CAROLINA ELECTRIC & GAS COMPANY

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

February 7, 1983

Mr. James P. O'Reilly, Director
U.S. Nuclear Regulatory Commission
Region II, Suite 3100
101 Marietta Street, N.W.
Atlanta, Georgia 30303

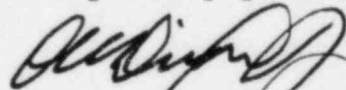
SUBJECT: Virgil C. Summer Nuclear Station
Docket No. 50/395
Operating License No. NPF-12
Thirty Day Written Report
LER 83-004

Dear Mr. O'Reilly:

Please find attached Licensee Event Report #83-004 for Virgil C. Summer Nuclear Station. This Thirty Day Report is required by Technical Specification 6.9.1.13.(b) as a result of entry into Action Statement (a) of Technical Specification 3.3.3.6, Table 3.3-10, Item 19, "Accident Monitoring Instrumentation," on January 9, 1983.

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

Very truly yours,



O. W. Dixon, Jr.

CJM:OWD:dwf/fjc
Attachment

cc: V. C. Summer	A. R. Koon
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DETAILED DESCRIPTION OF EVENT

On January 9, 1983 with the Plant in Mode 1, spurious "Inadequate Core Cooling" alarms were received on Channel B of the Reactor Coolant System Subcooling Margin Monitor. The channel was de-energized when the sporadic behavior of the thermocouple portion of this circuitry affected the Plant computer systems. The channel is required to be operable while in Modes 1, 2, and 3 by Technical Specification 3.3.3.6, Table 3.3-10, Item 19.

PROBABLE CONSEQUENCES

There were no adverse consequences from this event. The Minimum Channels Operable requirements of Table 3.3-10 were met during the time period encompassed by this event.

CAUSE(S) OF THE OCCURRENCE

The exact cause of the system malfunction is not known. It is possible that a hardware component was latched into a fault condition which cleared when the system was re-energized on January 10, 1983.

IMMEDIATE CORRECTIVE ACTIONS TAKEN

An investigation performed by maintenance personnel on January 9, 1983, indicated that the problem existed in the Low Level Data Board which initially processes the temperature inputs for the channel. The channel was de-energized after this determination due to alarms generated in the plant computer systems from the sporadic readings. On January 10, 1983, the system was re-energized, and the Channel Processor reset for additional troubleshooting. System operation was found to be normal after the completion of the equipment warm-up period. Channel B of the Subcooling Margin Monitor was returned to operable status on January 11, 1983, after the performance of a satisfactory channel calibration with the appropriate surveillance test procedure.

ACTION TAKEN TO PREVENT RECURRENCE

The licensee plans no additional action in regards to this event unless warranted by similar occurrences in the future.