

SOUTH CAROLINA ELECTRIC & GAS COMPANY

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REGION II
ATLANTA, GEORGIA

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

83 AUG 11 10:38

August 3, 1983

Mr. James P. O'Reilly
Regional Administrator
U.S. Nuclear Regulatory Commission
Region II, Suite 2900
101 Marietta Street, N.W.
Atlanta, Georgia 30303

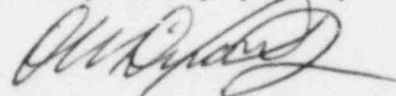
SUBJECT: Virgil C. Summer Nuclear Station
Docket No. 50/395
Operating License No. NPF-12
Special Report

Dear Mr. O'Reilly:

Please find attached a Special Report for Virgil C. Summer Nuclear Station. This Special Report is required by Technical Specification 6.9.2 as a result of entry into Action Statement (a) of Technical Specification 3.3.3.10, "Loose-Part Detection Instrumentation," on June 28, 1983.

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

Very truly yours,



O. W. Dixon, Jr.

CJM:OWD/mac
Attachment

cc: V. C. Summer
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CAUSE OF THE MALFUNCTION

On June 28, 1983, with the Plant in Mode 1, the Reactor Vessel Lower Channel of the Digital Metal Impact Monitoring System (DMIMS) was declared inoperable when Sensor 751 failed a Channel Check. Redundant Sensor 750 could not be selected at this time to return the channel to operable status since it had previously failed on June 16, 1983. DMIMS is required to be operable while in Modes 1 and 2 and this report is being submitted in accordance with Action Statement (a) of Technical Specification 3.3.3.10.

The exact cause of the channel failure is unknown at this time. Maintenance personnel investigating the problem determined that the operation of the Microprocessor portion of the DMIMS was normal and that the failure was in the field equipment which contains accelerometers, cabling, and the pre-amplifier assembly.

PLANS AND SCHEDULE FOR RESTORING TO OPERABLE STATUS

The field equipment for the Reactor Vessel Lower Channel of the DMIMS will be repaired and returned to operable status during the next Cold Shutdown.