

SOUTH CAROLINA ELECTRIC & GAS COMPANY

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NUCLEAR OPERATIONS

November 1, 1982

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USNRQ REGION II
ATLANTA, GEORGIA

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 82-014

Dear Mr. O'Reilly:

Please find attached Licensee Event Report #82-014 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 the Action Statement of Technical Specification 3.6.1.3, "Containment Air Locks," on October 2, 1982.

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

Very truly yours,



O. W. Dixon, Jr.

ARK:OWD:dwf
Attachment

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

Technical Specification 4.6.1.3.(c) requires the Reactor Building personnel airlock to be verified operational once every six months to ensure that only one door of the airlock can be opened at a time. Surveillance Test Procedure (STP) 115.002, "Reactor Building Airlock Test," addresses this specification. In performing the STP with the Plant in Mode 3, it was discovered that the air pressure equalizing valves would not cycle in their proper sequence. The test was immediately terminated, and the airlock was declared inoperable on October 2, 1982. A maintenance work request (MWR) was initiated for troubleshooting and repair. The airlock was repaired and returned to operable status on October 3, 1982, within the 24 hour requirement of the Technical Specification Action Statement (a).

PROBABLE CONSEQUENCES

There was no adverse consequence as the Plant had not achieved initial criticality and no radiation inventory existed.

CAUSE(S) OF THE OCCURRENCE

A chain drive sprocket that actuates the pressure equalizing valves sheared a key allowing the sprocket to slip on its associated drive shaft. This caused mechanical linkages to move out of sequence.

IMMEDIATE CORRECTIVE ACTIONS TAKEN

The key was replaced, and the airlock was tested satisfactory per STP-115.002 within the 24 hour requirement of the applicable Technical Specification Action Statement.

ACTION TAKEN TO PREVENT RECURRENCE

The licensee considers this failure to be an isolated case; and therefore, plans no further action for this event.