

SOUTH CAROLINA ELECTRIC & GAS COMPANY

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

November 10, 1982

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AID: 33  
ENPRO 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 82-021

Dear Mr. O'Reilly:

Please find attached Licensee Event Report #82-021 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 3.7.1.1, "Turbine Cycle, Safety Valves," on October 11, 1982.

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

Very truly yours,



O. W. Dixon, Jr.

ARK:OWD:dwf  
Attachment

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#### DETAILED DESCRIPTION OF EVENT

On October 11, 1982, with the Plant operating in Mode 3, surveillance testing was being performed on the Steam Line Code Safety Valves. As Safety Valve 2806P (located on Steam Line "C") was being tested, it was discovered that the valve would not lift at its proper setpoint. After several attempts of adjusting the lift setpoint and applying pressure, the valve fully opened. Apparently the valve was initially stuck shut and subsequently opened after being freed from the stuck condition. The resulting transient on the Plant was terminated when the valve reset at a Steam Line pressure of approximately 940 psig.

#### PROBABLE CONSEQUENCES

There are no adverse consequences as the Technical Specification Action Statement was adhered to as discussed below. Also, the Plant had not yet achieved initial criticality.

#### CAUSE(S) OF THE OCCURRENCE

The cause of the occurrence was that the safety valve inadvertently lifted after being freed from a stuck closed position.

#### IMMEDIATE CORRECTIVE ACTIONS TAKEN

Immediate corrective action was taken to reset the Power Range Neutron Flux High Trip Setpoint to 87% as addressed in Technical Specification 3.7.1.1, Action Statement (a). This was accomplished within the four (4) hour requirement of the Technical Specification.

#### ACTION TAKEN TO PREVENT RECURRENCE

Safety Valve 2806P was reset and subsequently retested per Surveillance Test Procedure 401.002. It was returned to OPERABLE status on October 12, 1982.