



February 15, 2000
RC-00-0036

Document Control Desk
U. S. Nuclear Regulatory Commission
Washington, DC 20555

Gentlemen:

Subject: VIRGIL C. SUMMER NUCLEAR STATION
DOCKET NO. 50-395
OPERATING LICENSE NO. NPF-12
LICENSEE EVENT REPORT (LER 2000-003-00)
MISSED TECHNICAL SPECIFICATION SURVEILLANCE TEST

Gary J. Taylor
Vice President
Nuclear Operations

Attached is Licensee Event Report No. 2000-003-00, for the Virgil C. Summer Nuclear Station (VCSNS). This report describes a missed technical specification surveillance test for penetration overcurrent protection devices. This issue is being reported per 10 CFR 50.73(a)(2)(i)(B).

South Carolina Electric & Gas Co
Virgil C. Summer Nuclear Station
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29065

Should you have any questions, please call Mrs. April Rice at (803) 345-4232.

Very truly yours,

Gary J. Taylor

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Attachment

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Estimated burden per response to comply with this mandatory information collection request: 50.0 hrs. Reported lessons learned are incorporated into the licensing process and fed back to industry. Forward comments regarding burden estimate to the Records Management Branch (T-6 F33), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, and to the Paperwork Reduction Project (3150-0104), Office of Management and Budget, Washington, DC 20503. If an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

LICENSEE EVENT REPORT (LER)

FACILITY NAME

Virgil C. Summer Nuclear Station

DOCKET NUMBER

05000395

PAGE

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TITLE

MISSED SURVEILLANCE TEST FOR PENETRATION OVERCURRENT PROTECTION TECHNICAL SPECIFICATION

EVENT DATE			LER NUMBER			REPORT DATE			OTHER FACILITIES INVOLVED	
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAME	DOCKET NUMBER
01	29	2000	2000	-- 003	-- 00	02	15	00		05000
									FACILITY NAME	DOCKET NUMBER

OPERATING MODE	POWER LEVEL	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more)								
1	100	20.2201(b)	20.2203(a)(1)	20.2203(a)(2)(i)	20.2203(a)(2)(ii)	20.2203(a)(2)(iii)	20.2203(a)(2)(iv)	20.2203(a)(2)(v)	20.2203(a)(3)(i)	20.2203(a)(3)(ii)
									50.73(a)(2)(i)	50.73(a)(2)(viii)
									50.73(a)(2)(ii)	50.73(a)(2)(x)
									50.73(a)(2)(iii)	73.71
									50.73(a)(2)(iv)	OTHER
									50.73(a)(2)(v)	Specify in Abstract below or in NRC FORM 366A
									50.73(a)(2)(vii)	

LICENSEE CONTACT FOR THIS LER

NAME

A. R. Rice
Manager, Nuclear Licensing & Operating Experience

TELEPHONE NUMBER (Include Area Code)

(803) 345-4232

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO EPIX	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO EPIX
D	EA			N					

SUPPLEMENTAL REPORT EXPECTED

YES (If yes, complete EXPECTED SUBMISSION DATE).	X	NO	EXPECTED SUBMISSION DATE	MONTH	DAY	YEAR
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ABSTRACT (Limit to 1400 spaces, i.e., approximately 15 single-spaced typewritten lines)

This report is made due to a missed Technical Specification (TS) surveillance test.

On January 19, 2000, at 1600 hours, the Limiting Condition for Operations (LCO) for TS 3.8.4.1 was entered due to a missed surveillance test for Electrical Equipment Protection Devices. During a procedure review of Surveillance Test Procedure (STP) 502.001, it was identified that one set of overcurrent protection relays required to be tested by the FSAR was missing from this procedure. This condition was found to have existed since the original version of the procedure.

Condition Event Report (CER) 0-C-00-0080 was initiated to address immediate corrective actions. These actions included verification that the relay testing was completed as a preventive maintenance task, a visual verification of the control circuit wiring, appropriate continuity checks, and performance of an operability evaluation. These actions were completed and the LCO was exited on January 20, 2000 at 2000 hours.

**LICENSEE EVENT REPORT (LER)
TEXT CONTINUATION**

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TEXT (If more space is required, use additional copies of NRC Form 366A) (17)

PLANT IDENTIFICATION

Westinghouse - Pressurized Water Reactor

EQUIPMENT IDENTIFICATION

Reactor Coolant System, Reactor Coolant Pump 7.2kV Breaker

EIIS Code EA

IDENTIFICATION OF EVENT

This event was identified by condition evaluation report (CER) 0-C-00-0080, written on January 19, 2000.

EVENT DATE

Discovery Date - January 19, 2000

REPORT DATE

February 15, 2000

CONDITIONS PRIOR TO EVENT

Mode 1 - Power Operation (100%)

LICENSEE EVENT REPORT (LER)

TEXT CONTINUATION

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TEXT (If more space is required, use additional copies of NRC Form 366A) (17)

DESCRIPTION OF EVENT

On January 19, 2000, at 1600 hours, the Limiting Condition for Operations in TS 3.8.4.1 was entered due to a missed surveillance test for Electrical Equipment Protection Devices associated with 7.2KV Reator Coolant Pump Circuit Breakers. During a procedure review of Surveillance Test Procedure (STP) 502.001, it was identified that one set of overcurrent protection relays required to be tested by the Final Safety Analysis Report (FSAR) was missing from this procedure and therefore testing was not documented by the surveillance test procedure. This condition was found to have existed since the original version of the procedure.

CAUSE OF EVENT

The cause of this event was determined to be an inadequate surveillance test procedure. It is not known how the requirement was overlooked to include the missed set of relays in plant surveillance procedures for reactor coolant pump containment penetration overcurrent protection. The FSAR figure and associated plant drawing clearly identify this relay as required, along with the other two sets that are appropriately covered by the plant surveillance procedures.

ANALYSIS OF EVENT

The relays are periodically calibrated by an Electrical Maintenance Procedure (EMP). Veification that the calibration task was completed, ensured that the relays had been tested as required, but the testing was not properly documented in the surveillance test procedure. Completion of the visual verification of wiring and the continuity checks has further verified the functional capabilities of the parts of the circuit that were not covered by the surveillance procedure. These actions constitute an acceptable test of these penetration protection devices.

IMMEDIATE CORRECTIVE ACTIONS

The verification of calibration, wiring verifications and continuity checks were completed on all three Reactor Coolant Pump relays.

ADDITIONAL CORRECTIVE ACTIONS

1. Revise STP-502.001 and STP-502.009 to include integrated functional testing and relay calibration of all devices required for reactor coolant pump containment penetration overcurrent protection. This action will be completed by May 31, 2000.
2. Quality Assurance will conduct a review to determine if all penetration over current protection devices (480v circuit breaker and below), as listed in the FSAR Figure 8.G (Drawing E-224-532), are included in the Surveillance Test Program. This action will be completed by July 31, 2000.

PRIOR OCCURRENCES

LER-1999-001-00, "Missed Surveillance Test for Electrical Protection Devices" - April 6, 1999. (VCSNS initiated CER-00-0116 to document the adequacy of the corrective actions for this LER.)