



South Carolina Electric & Gas Company
P.O. Box 88
Jenkinsville, SC 29065
(803) 345-4040

10CFR50.73
Ollie S. Bradham
Vice President
Nuclear Operations

January 26, 1990

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

SUBJECT: Virgil C. Summer Nuclear Station
Docket No. 50/395
Operating License No. NPF-12
LER 89-022

Gentlemen:

Attached is Licensee Event Report No. 89-022 for the Virgil C. Summer Nuclear Station. This report is submitted pursuant to the requirements of 10CFR50.73(a)(2)(i).

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

Very truly yours,

O. S. Bradham

WRH/OSB:lbs
Attachment

c: D. A. Nauman/O. W. Dixon, Jr./T. C. Nichols, Jr.
E. C. Roberts
R. V. Tanner
S. D. Ebner
J. J. Hayes, Jr.
General Managers
C. A. Price
G. J. Taylor
J. R. Proper
R. B. Clary
F. H. Zander
T. L. Matlosz
K. E. Nodland
J. C. Snelson
R. L. Prevatte
J. B. Knotts, Jr.
INPO Records Center
ANI Library
Marsh & McLennan
NPCF
NSRC
RTS (ONO 890090)
Files (818.05 & 818.07)

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Virgil C. Summer Nuclear Station										DOCKET NUMBER (2) 0 5 0 0 0 3 9 5										PAGE (3) 1 OF 0 3									
TITLE (4) Inadequate Post Maintenance Operability Verification Due to Personnel Error																													
EVENT DATE (5)				LER NUMBER (6)				REPORT DATE (7)				OTHER FACILITIES INVOLVED (8)																	
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES								DOCKET NUMBER(S)												
0	8	2	4	8	9	8	9	0	2	2	0	0	0	1	2	6	9	0	0 5 0 0 0										
OPERATING MODE (9)				THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)																									
POWER LEVEL (10) 110.0				20.402(b)				20.405(a)				60.73(a)(2)(iv)				73.71(b)													
				20.405(a)(1)(i)				60.30(a)(1)				60.73(a)(2)(v)				73.71(a)													
				20.405(a)(1)(ii)				60.30(a)(2)				60.73(a)(2)(vi)				OTHER (Specify in Abstract below and in Text, NRC Form 360A)													
				20.405(a)(1)(iii)				60.73(a)(2)(i)				60.73(a)(2)(vi)(A)																	
				20.405(a)(1)(iv)				60.73(a)(2)(ii)				60.73(a)(2)(vi)(B)																	
				20.405(a)(1)(v)				60.73(a)(2)(iii)				60.73(a)(2)(ii)																	
LICENSER CONTACT FOR THIS LER (12) NAME W. R. Higgins, Supervisor, Regulatory Compliance										TELEPHONE NUMBER AREA CODE 8103 3451-4042																			
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																													
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC																				
A	KMS	EAL	UO	55 Y																									
SUPPLEMENTAL REPORT EXPECTED (14)										EXPECTED SUBMISSION DATE (15)																			
YES (If yes, complete EXPECTED SUBMISSION DATE)										MONTH DAY YEAR																			
NO																													

ABSTRACT (Limit to 1400 spaces, i.e. approximately fifteen single space typewritten lines) (10)

On September 13, 1989 while performing a paperwork closeout review of a Maintenance Work Request (MWR) it was discovered that the "B" Chilled Water Pump (XPP-48B-VU) had been returned to service without performing an adequate Section XI of the ASME Boiler and Pressure Vessel Code required post maintenance operability verification test. Technical Specification Surveillance Requirement 4.0.5 requires that all inservice testing of ASME Code Class 1,2, and 3 pumps shall be performed in accordance with Section XI. Contrary to this requirement XPP-48B-VU was returned to service on September 4, 1989 after the pump was torn down and reassembled for mechanical seal replacement without verifying its operability through adequate testing.

Upon discovering that an inadequate post maintenance operability verification testing had been performed on the "B" Chilled Water Pump, the pump was declared inoperable and an Off-Normal Occurrence report was generated. The pump was then tested to confirm operability and was returned to service. There is no adverse consequence due to this event because testing did confirm that the pump was operable when it was initially returned to service on September 4, 1989.

The missed post maintenance operability verification testing is attributed to personnel error. There was inadequate review of the scope of the maintenance activity which resulted in not identifying the required testing to return the pump to service.

This event will be discussed with maintenance and operations personnel and a copy of this LER will be placed in the required reading file for review by those personnel. This action is anticipated to be completed by February 28, 1990.

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104
EXPIRES 8/01/86

FACILITY NAME (1) Virgil C. Summer Nuclear Station	DOCKET NUMBER (2) 0 5 0 0 0 3 9 5 8 9	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		— 0	2 2	— 0	0 0	2	OF 0 3

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

PLANT IDENTIFICATION:

Westinghouse - Pressurized Water Reactor

EQUIPMENT IDENTIFICATION:

"B" Chilled Water Pump (XPP-48B-VU), EIIS-KM

IDENTIFICATION OF EVENT:

Inadequate post maintenance operability verification due to personnel error.

EVENT DATE:

September 4, 1989

DISCOVERY DATE:

September 13, 1989

REPORT DATE: January 26, 1990

This report was initiated by Off-Normal Occurrence Report (ONO 89-090).

CONDITION PRIOR TO EVENT:

Mode 1 - 100% Reactor Power

DESCRIPTION OF EVENT:

On September 13, 1989 while performing a paperwork closeout review of a Maintenance Work Request (MWR) it was discovered that the "B" Chilled Water Pump (XPP-48B-VU) had been returned to service without performing an adequate Section XI of the ASME Boiler and Pressure Vessel Code required post maintenance operability verification test. Technical Specification Surveillance Requirement 4.0.5 requires that all inservice testing of ASME Code Class 1, 2, and 3 pumps shall be performed in accordance with Section XI. Contrary to this requirement XPP-48B-VU was returned to service on September 4, 1989 after the pump was torn down and reassembled for mechanical seal replacement without verifying its operability through adequate testing.

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104
EXPIRES: 8/31/85

FACILITY NAME (1) Virgil C. Summer Nuclear Station	DOCKET NUMBER (2) 0 5 0 0 0 3 9 5 8 9 — 0 2 2 — 0 10 0 3 OF 0 13	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			

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

Due to the complexity of the issue regarding Section 4.0.5 of the Technical Specifications and Section XI of the ASME Boiler and Pressure Vessel Code an indepth and lengthy review this event was performed inorder to ascertain reportability.

CAUSE OF EVFNT:

The missed post maintenance operability verification testing is attributed to personnel error. There was inadequate review of the scope of the maintenance activity which resulted in not identifying the required testing to return the pump to service.

ANALYSIS OF EVENT:

There is no adverse consequence for this event because the operability verification testing performed on September 13, 1989 confirmed that the pump was operable when it was initially returned to service on September 4, 1989.

IMMEDIATE CORRECTIVE ACTION:

1. On September 13, 1989 upon discovering that no post maintenance operability verification testing had been performed on the "B" Chilled Water Pump the pump was declared inoperable and an ONO report was generated.
2. The pump was tested to confirm operability and was then returned to service.

ADDITIONAL CORRECTIVE ACTION:

This event will be discussed with maintenance and operations personnel and a copy of this LER will be placed in the required reading file for review by those personnel. This action is anticipated to be completed by February 28, 1990.

PRIOR OCCURRENCES:

None.