

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Shearon Harris, Unit 1 DOCKET NUMBER (2) 05000400 PAGE (3) 1 OF 03

TITLE (4) Staggered Test Basis for Surveillance Tests

EVENT DATE (5)			LER NUMBER (6)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)		
MONTH	DAY	YEAR	Y1A	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES		DOCKET NUMBER(S)
01	02	87	87	002	000	02	02	87			05000

OPERATING MODE (9) 3 THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5: (Check one or more of the following) (11)

POWER LEVEL (10) <u>01010</u>	20.402(b)	20.406(c)	60.73(a)(2)(iv)	73.71(b)
	20.406(a)(1)(i)	60.36(c)(1)	60.73(a)(2)(v)	73.71(c)
	20.406(a)(1)(ii)	60.36(c)(2)	60.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)
	20.406(a)(1)(iii)	60.73(a)(2)(ii)	60.73(a)(2)(viii)(A)	
	20.406(a)(1)(iv)	60.73(a)(2)(iii)	60.73(a)(2)(viii)(B)	
	20.406(a)(1)(v)	60.73(a)(2)(iii)	60.73(a)(2)(ix)	

LICENSEE CONTACT FOR THIS LER (12)

NAME O. N. Hudson TELEPHONE NUMBER 919 316 1212

Senior Engineer - Regulatory Compliance

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS

SUPPLEMENTAL REPORT EXPECTED (14) YES (If yes, complete EXPECTED SUBMISSION DATE) NO

EXPECTED SUBMISSION DATE (15) MONTH 11 DAY 11 YEAR 87

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single space typewritten lines) (16)

ABSTRACT

Technical Specification Table 4.3-1 requires the testing of the Reactor Protection System (RPS) logic, the reactor trip breaker and reactor bypass breaker on a staggered test basis. The required frequency for Trains 'A' and 'B' is once every 62 days. The tests were performed for the two trains on November 4 and November 5, 1986. On January 2, 1987, with the plant in Mode 3, it was discovered that although both trains were within their required frequency of 62 days, they had not been staggered properly. A staggered test schedule should have been established to run Train 'A' on December 5, 1986 and Train 'B' on January 5, 1987. On January 2, the test on Train 'A' was conducted and completed satisfactorily. Subsequent performance of these tests was scheduled to follow a Staggered Test Basis.

1987/11

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
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TEXT (If more space is required, use additional NRC Form 366A (9) (17))

DESCRIPTION

The Shearon Harris Nuclear Power Plant received its low power operating license on October 24, 1986. Technical Specification Table 4.3-1 Items 20, 21 and 22 require the testing of the Reactor Protection System (RPS) logic, reactor trip breaker and reactor bypass breaker on a staggered test basis with Trains A and B of logic tested once every 62 days. The tests were initially performed satisfactorily on November 4, 1986 and November 5, 1986.

On January 2, 1987, the plant was operating in Mode 3 prior to initial criticality. Regulatory Compliance conducted a review of Tech. Spec. surveillances required for Modes 1 and 2. During this review, it was discovered at 12:30 p.m. on January 2, 1987 that the RPS logic tests had not been staggered properly. A staggered test schedule should have been established to run Train 'A' on December 5, 1986 and Train 'B' on January 5, 1987. On January 2, both trains were within their 62 day frequency, but had not been staggered properly. The Shift Foreman was notified verbally at 1353 on January 2. Upon this notification, the Shift Foreman initiated the test for Train 'A'. The test on Train 'A' was completed satisfactorily at 1836 on January 2, 1987. A review was done to identify any other surveillances that required scheduling on a Staggered Test Basis. This review revealed that surveillance for the Reactor Auxiliary Building Emergency Exhaust System had not been staggered. Testing was successfully completed on January 6, 1987.

CAUSE

The cause of the event, failure to properly stagger the test frequency of a surveillance test, was personnel error. The requirement to stagger these tests was overlooked. The action was a violation of Technical Specifications and contrary to PLP-103, Rev. 2, Surveillance and Periodic Test Program Procedure.

ANALYSIS

The event is a violation of Tech. Spec. surveillance requirements for the reactor protection system logic. As such, it is reportable per 10CFR50.73(a)(2)(i)(B).

Although the tests were not staggered properly, they were within the required 62 day frequency. In addition, when conducted, the test of logic Train 'A' was completed satisfactorily. There were no safety consequences resulting from this event.

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TEXT (If more space is required, use additional NRC Form 356A's) (17)

CORRECTIVE ACTIONS

1. The tests of the RPS logic Trains 'A' and 'B' have been staggered as required per Tech. Spec. Table 4.3-1. Train 'A' and Train 'B' were tested satisfactorily on January 2 and January 6, respectively. The tests were performed again satisfactorily on January 9 (Train 'A') and January 10 (Train 'B') after completion of maintenance to the RPS unrelated to this concern. Therefore, the new staggered test dates are February 10, 1987 for Train 'A' and March 13, 1987 for Train 'B', in accordance with Tech. Spec. requirements.
2. Administrative controls have been established to audit the staggered test program schedule twice a month to prevent a recurrence of this event.



Carolina Power & Light Company

HARRIS NUCLEAR PROJECT
P. O. Box 165
New Hill, NC 27562

FEB 02 1987

File Number: SHF/10-13510C
Letter Number: HO-870354 (O)

10CFR50.73

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

SHEARON HARRIS NUCLEAR POWER PLANT UNIT 1
DOCKET NO. 50-400
LICENSE NO. NPF-63
LICENSEE EVENT REPORT 87-002-00

Gentlemen:

In accordance with Title 10 to the Code of Federal Regulations, the enclosed Licensee Event Report is submitted. This report fulfills the requirement for a written report within thirty (30) days of a reportable occurrence and is in accordance with the format set forth in NUREG-1022, September 1983.

Very truly yours,

R. A. Watson
Vice President
Harris Nuclear Project

RAW:skm

Enclosure

cc: Dr. J. N. Grace (NRC - RII)
Mr. G. Maxwell (NRC - SHNPP)
Mr. B. Buckley (NRR)

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