

LIBRARY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8708040119 DOC. DATE: 87/07/30 NOTARIZED: NO DOCKET #
 FACIL: 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina 05000400
 AUTH. NAME AUTHOR AFFILIATION
 SCHWABENBAUER Carolina Power & Light Co.
 WATSON, R. A. Carolina Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: LER 87-040-00: on 870630, exceeded time interval for calorimetric. Caused by human error. Night order issued instructing licensed personnel of need to be cognizant of specific time requirements of surveillances. W/870730 ltr.

DISTRIBUTION CODE: IE22D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 4
 TITLE: 50.73 Licensee Event Report (LER), Incident Rpt, etc.

NOTES: Application for permit renewal filed. 05000400

	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
	PD2-1 LA	1 1	PD2-1 PD	1 1
	BUCKLEY, B	1 1		
INTERNAL:	ACRS MICHELSON	1 1	ACRS MOELLER	2 2
	AEOD/DOA	1 1	AEOD/DSP/NAS	1 1
	AEOD/DSP/ROAB	2 2	AEOD/DSP/TPAB	1 1
	DEDRO	1 1	NRR/DEST/ADE	1 0
	NRR/DEST/ADS	1 0	NRR/DEST/CEB	1 1
	NRR/DEST/ELB	1 1	NRR/DEST/ICSB	1 1
	NRR/DEST/MEB	1 1	NRR/DEST/MTB	1 1
	NRR/DEST/PSB	1 1	NRR/DEST/RSB	1 1
	NRR/DEST/SCB	1 1	NRR/DLPQ/HFB	1 1
	NRR/DLPQ/QAB	1 1	NRR/DOEA/EAB	1 1
	NRR/DREP/RAB	1 1	NRR/DREP/RPB	2 2
	NRR/PMAS/ILRB	1 1	NRR/PMAS/PTSB	1 1
	<u>REG FILE</u> 02	1 1	RES DEPY GI	1 1
	RES TELFORD, J	1 1	RES/DE/EIB	1 1
	RGN2 FILE 01	1 1		
EXTERNAL:	EG&G GROH, N	5 5	H ST LOBBY WARD	1 1
	LPDR	1 1	NRC PDR	1 1
	NSIC HARRIS, J	1 1	NSIC MAYS, G	1 1



1
2

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) SHEARON HARRIS PLANT UNIT 1	DOCKET NUMBER (2) 0 5 0 0 0 4 0 0	PAGE (3) 1 OF 0 3
---	---	-----------------------------------

TITLE (4)
EXCEEDED TIME INTERVAL FOR CALORIMETRIC

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)
06	30	87	87	040	00	07	30	87			0 5 0 0 0

OPERATING MODE (9) 1	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)									
POWER LEVEL (10) 0 5 0	<input type="checkbox"/> 20.402(b)	<input type="checkbox"/> 20.405(c)	<input type="checkbox"/> 50.73(a)(2)(iv)	<input type="checkbox"/> 73.71(b)						
	<input type="checkbox"/> 20.405(a)(1)(i)	<input type="checkbox"/> 50.38(c)(1)	<input type="checkbox"/> 50.73(a)(2)(v)	<input type="checkbox"/> 73.71(c)						
	<input type="checkbox"/> 20.405(a)(1)(ii)	<input type="checkbox"/> 50.38(c)(2)	<input type="checkbox"/> 50.73(a)(2)(vi)	<input checked="" type="checkbox"/> OTHER (Specify in Abstract below and in Text, NRC Form 366A)						
	<input type="checkbox"/> 20.405(a)(1)(iii)	<input type="checkbox"/> 50.73(a)(2)(i)	<input type="checkbox"/> 50.73(a)(2)(vii)(A)							
	<input type="checkbox"/> 20.405(a)(1)(iv)	<input type="checkbox"/> 50.73(a)(2)(ii)	<input type="checkbox"/> 50.73(a)(2)(vii)(B)							
	<input type="checkbox"/> 20.405(a)(1)(v)	<input type="checkbox"/> 50.73(a)(2)(iii)	<input type="checkbox"/> 50.73(a)(2)(x)							

LICENSEE CONTACT FOR THIS LER (12)		TELEPHONE NUMBER	
NAME R. SCHWABENBAUER - REGULATORY COMPLIANCE		AREA CODE 9 1 9	3 6 2 - 2 6 6 9

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)			EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE)	<input checked="" type="checkbox"/> NO					

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

ABSTRACT

The plant was operating in Mode 1 at 50 percent Reactor power on June 30, 1987. General Procedure (GP)-005, Power Operation, requires a heat balance to be completed at 50 percent power prior to increasing power to 100 percent. The on-shift crew reviewed Operations Surveillance Test (OST)-1004, Power Range Heat Balance, which is to be performed every 24 hours, to see when the last calorimetric was performed. During the review, at 2120 hours, it was found a calorimetric had last been performed via OST-1004 on June 29 at 0750 hours, and it was determined that the surveillance interval had been exceeded. A calorimetric was then immediately initiated and successfully completed at 2210 hours, exceeding the maximum time interval by approximately 8 hours.

No safety consequences resulted from this event as the Nuclear Instrumentation agreed with the calorimetric when performed.

This event is being reported under 10CFR50.73(a)(2)(B) as a violation of Technical Specification 4.3.1.1 Table 4.3-1.

8708040119 870730
PDR ADOCK 05000400
S PDR

LE 22
11

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1) SHEARON HARRIS PLANT UNIT 1	DOCKET NUMBER (2) 0 5 0 0 0 4 0 0	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		8 7	- 0 4 0	- 0 0	0 2	OF	0 3

TEXT (If more space is required, use additional NRC Form 376A's) (17)

DESCRIPTION:

The plant was operating in Mode 1 at 50 percent reactor power on June 30, 1987. Plant operators were preparing to increase reactor power to 100 percent. General Procedure (GP)-005, Power Operation (Mode 2 to Mode 1), requires a heat balance to be performed at approximately 50 percent power prior to increasing power to 100 percent. The heat balance is required only if the turbine was shut down for longer than 24 hours. The calorimetric data from the heat balance is used for comparison with the power range nuclear instruments to ensure the accuracy of the power range instrumentation.

Technical Specification 4.3.1.1 Table 4.3-1 requires a daily surveillance test be performed to compare power range nuclear instruments to a calorimetric. This is completed per Operations Surveillance Test (OST)-1004, Power Range Heat Balance.

When operations personnel reached the step in GP-005 which requires the calorimetric be performed, they began a review of OST-1004 to determine if one had been performed in the previous 24 hours; this would eliminate the need to perform another calorimetric for GP-005. During the review, it was found that the last performance of OST-1004 was on June 29 at 0750 hours. At 2120 hours, it was determined that the 24 hour surveillance interval, including the 25 percent maximum allowable surveillance extension, had been exceeded. A calorimetric was then immediately initiated and successfully completed at 2210 hours, exceeding the maximum time interval by 8 hours and 20 minutes.

CAUSE

The cause of the event was human error. The control room staff inadvertently missed the daily required surveillance as they were waiting for the plant to stabilize in power prior to performing the test. It has been determined that the control room staff is well aware of their daily requirements and that this is an isolated incident.

ANALYSIS

No safety consequences resulted from this event as the comparison of the calorimetric to the power range nuclear instruments showed they were within acceptable tolerance.

This event is being reported under 10CFR50.73(a)(2)(B) as a violation of Technical Specification 4.3.1.1 Table 4.3-1.

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1) SHEARON HARRIS PLANT UNIT 1	DOCKET NUMBER (2) 0 5 0 0 0 4 0 0	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		8 7	- 0 4 0	- 0 0	0 3	OF	0 3

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

CORRECTIVE ACTION

A Night Order has been issued instructing licensed shift personnel of the need to be cognizant of the specific time requirements of both daily and shift surveillances.



Carolina Power & Light Company

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

JUL 30 1987

File Number: SHF/10-13510C
Letter Number: HO-870477 (O)

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 87-040-00

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. Nelson Grace (NRC - RII)
Mr. B. Buckley (NRR)
Mr. G. Maxwell (NRC - SHNPP)

IE22
1/1

