

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Grand Gulf Nuclear Station - Unit 1 DOCKET NUMBER (2) 05000416 PAGE (3) 1 OF 03

TITLE (4) Procedural Error Causes Missed Isolation Time Measurement

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	4	17	86	01	6	0	0	5	1	6	86	NA	050000
													050000

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)

OPERATING MODE (9) 1	20.402(b)	20.406(c)	50.73(a)(2)(iv)	73.71(b)
POWER LEVEL (10) 01616	20.406(a)(1)(i)	50.38(a)(1)	50.73(a)(2)(v)	73.71(c)
	20.406(a)(1)(ii)	50.38(e)(2)	50.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)
	20.406(a)(1)(iii)	X 50.73(a)(2)(i)	50.73(a)(2)(viii)(A)	
	20.406(a)(1)(iv)	50.73(a)(2)(ii)	50.73(a)(2)(viii)(B)	
	20.406(a)(1)(v)	50.73(a)(2)(iii)	50.73(a)(2)(ix)	

LICENSEE CONTACT FOR THIS LER (12)

NAME: Ronald Byrd/Licensing Engineer TELEPHONE NUMBER: 601437-2149

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  X

EXPECTED SUBMISSION DATE (15)

MONTH	DAY	YEAR

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

On April 17, 1986, during a review of a surveillance that was performed on March 21, 1986, an error was discovered in the surveillance procedure that caused a missed isolation time measurement for a containment power operated isolation valve in the Main Steam Isolation Valve Leakage Control System. The valve was declared inoperable and a Limiting Condition for Operation was entered. The valve isolation time was measured and determined to be within the allowable limit. The valve was returned to service approximately 5.5 hours after the discovery. The requirement to measure valve isolation time was inadvertently deleted from the procedure data table during the last revision. A sampling of surveillance procedure revisions issued in the past 3 months was conducted. One similar error was found but it did not affect the surveillance performance or results. The proof reading instructions are being reviewed for additional improvements.

8605220077 860516  
PDR ADOCK 05000416  
S PDR

J10AECM86051503 - 3

IE22  
11

## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
Grand Gulf Nuclear Station - Unit 1	0 5 0 0 0 4 1 1 6	8 6	- 0 1 6	- 0 0	0 2	OF	0 3

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

## A. REPORTABLE OCCURRENCE

On April 17, 1986, during a review of a surveillance that was performed on March 21, 1986, an error was discovered in the surveillance procedure that caused a missed isolation time measurement for a containment power operated isolation valve in the Main Steam Isolation Valve Leakage Control System (MSIV-LCS).

## B. INITIAL CONDITIONS

The plant was operating in mode 1 at approximately 66 percent power.

## C. DESCRIPTION OF OCCURRENCE

Technical Specification 4.6.4.3 requires the isolation time of each power operated or automatic containment isolation valve to be determined to be within its limit when tested pursuant to Technical Specification 4.0.5. Valve 1E32-F001N is a manually actuated, power operated outboard containment isolation valve in the MSIV-LCS. The Inservice Inspection (ISI) program requires the valve isolation time to be less than 9.3 seconds and tested during each Cold Shutdown if not tested within the previous 92 days.

A revision to procedure 06-OP-1E32-C-0002, which implements this requirement, was issued on October 11, 1985. In the revision, the requirement to measure the valve closing time was inadvertently deleted. When the surveillance was again performed on March 21, 1986, the valve closing time was not measured.

The situation was identified during an ISI document review on April 17, 1986 at approximately 1630 hours. The valve was declared inoperable and a Limiting Condition for Operation (LCO) was entered pursuant to Technical Specification 3.6.1.4. The valve isolation time was then measured and determined to be within its allowable limit. The LCO was terminated at 2200 on April 17, 1986.

## D. APPARENT CAUSE

Procedure 06-OP-1E32-C-0002 tests the operability of 12 valves in the MSIV-LCS. The surveillance demonstrates operability for both the MSIV-LCS function and the isolation function of those valves which are also containment isolation valves. The valve test data is recorded on a table attached to the procedure. For those valves which are not isolation valves, the valve closing time data block is denoted "NA" (Not Applicable). During the procedure revision, the requirement to measure valve 1E32-F001N closing time was inadvertently deleted and an "NA" was entered into the data block.

NRC Form 366A  
(9-83)

## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES 8/31/85

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (8)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
Grand Gulf Nuclear Station - Unit 1	0 5 0 0 0 4 1 6	8 6	- 0 1 6	- 0 0	0 3	OF 0 3

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

The procedure was transferred from a Lanier word processing system to a newer IBM system for the revision. This conversion process required considerable cleanup of the transferred data by a console operator and a word for word review by a Technical Proofer. The error was missed by the Technical Proofer and others in the review/approval cycle.

## E. SUPPLEMENTAL CORRECTIVE ACTIONS

A Temporary Change Notice was issued to correct the error. The Office Services Supervisor reviewed a random sampling of 50 surveillance procedures issued in the past three months and compared them word for word against the previous revision. One similar error was identified but it did not affect the performance or results of the surveillance. After this finding, 20 additional surveillance procedures were reviewed with no similar errors noted. The proof reading instructions have been reviewed and revised since the error was made early in the conversion stages. The proof reading procedure is being reviewed again for additional improvements.

## F. SAFETY ASSESSMENT

The valve was cycled open and closed and the time for the valve to open was measured during the surveillance on March 21, 1986. The operability of the MSIV-LCS was not affected by the missed closing time measurement. On April 17, 1986, the valve isolation time was measured at 5.0 seconds. The previous measured isolation time was 4.9 seconds. The valve's isolation time was well within the 9.3 second maximum allowed time limit. The inboard isolation valve, the MSIV itself, was also operable.



MISSISSIPPI POWER & LIGHT COMPANY

*Helping Build Mississippi*

P. O. BOX 1640, JACKSON, MISSISSIPPI 39215-1640

May 16, 1986

O. D. KINGSLEY, JR.  
VICE PRESIDENT - NUCLEAR OPERATIONS

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

Gentlemen:

SUBJECT: Grand Gulf Nuclear Station  
Unit 1  
Docket No. 50-416  
License No. NPF-29  
File: 0260/L-835.0  
Procedural Error Causes Missed  
Isolation Time Measurement  
LER 86-016-00  
AECM-86/0153

Attached is Licensee Event Report (LER) 86-016-00 which is a final report.

Yours truly,

ODK:lm  
Attachment

cc: Mr. T. H. Cloninger (w/a)  
Mr. R. B. McGehee (w/a)  
Mr. N. S. Reynolds (w/a)  
Mr. H. L. Thomas (w/o)  
Mr. R. C. Butcher (w/a)

Mr. James M. Taylor, Director (w/a)  
Office of Inspection & Enforcement  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Dr. J. Nelson Grace, Regional Administrator (w/a)  
U. S. Nuclear Regulatory Commission  
Region II  
101 Marietta St., N. W., Suite 2900  
Atlanta, Georgia 30323

IE22  
/1