



**ENTERGY**

Entergy Operations, Inc.

P.O. Box 756

Port Gibson, MS 39150

Tel 601-437-2800

**C. R. Hutchinson**

Vice President

Operations

Grand Gulf Nuclear Station

February 3, 1995

U.S. Nuclear Regulatory Commission  
Mail Station P1-137  
Washington, D.C. 20555

Attention: Document Control Desk

SUBJECT: Grand Gulf Nuclear Station  
Unit 1  
Docket No. 50-416  
License No. NPF-29  
Technical Specifications Violation Due to Missed Surveillance  
LER 95-001-00

GNRO-95/00013

Gentlemen:

Attached is Licensee Event Report (LER) 95-001-00 which is a final report.

Yours truly,

CRH/JEO/  
attachment

cc:

Mr. J. E. Tedrow (w/a)  
Mr. H. W. Keiser (w/a)  
Mr. R. B. McGehee (w/a)  
Mr. N. S. Reynolds (w/a)  
Mr. H. L. Thomas (w/o)

Mr. Stewart D. Ebnetter (w/a)  
Regional Administrator  
U.S. Nuclear Regulatory Commission  
Region II  
101 Marietta St., N.W., Suite 2900  
Atlanta, Georgia 30323

Mr. P. W. O'Connor  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Mail Stop 13H3  
Washington, D.C. 20555

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Page 2 of 2

bcc: Ms. C. W. Gunn (w/a)  
Mr. J. E. Owens (w/2)  
Mr. G. D. Swords (w/a)  
PSRC Secretary (w/a)  
Required Reading Coordinator (w/a)  
SRC Secretary (w/a)  
File (LCTS/RPTS) (w/a)  
File Central (w/a) ( 9 )

INPO Records Center (w/a)  
700 Galleria Parkway  
Atlanta, Georgia 30339-5957

Mr. W. T. Donovan (w/a)  
Illinois Power Company  
Clinton Power Station Mail Stop V-920  
P.O. Box 678  
Clinton, Illinois 61727

February 3, 1995  
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cc:mail: Mr. P. W. Alberstadt (w/a)  
Mr. S. A. Bennett (w/a)  
Mr. O. B. Bulich (RB) (w/a)  
Mr. J. H. Crabill (ANO) (w/a)  
Mr. L. F. Dale (w/o)  
Mr. L. F. Daughtery (w/a)  
Mr. G. G. Davie (W3) (w/a)  
Mr. J. G. Dewease (w/a)  
Mr. M. A. Dietrich (w/a)  
Mr. J. P. Dimmette (w/a)  
Mr. C. M. Dugger (w/a)  
Mr. J. L. Ensley (ESI) (w/a)  
Mr. J. J. Fisicaro (RB) (w/a)  
Mr. C. R. Gaines (ANO) (w/a)  
Mr. T. J. Gaudet (W3) (w/a)  
Mr. C. C. Hayes (w/a)  
Mr. M. J. Meisner (w/o)  
Mr. R. V. Moomaw (w/a)  
Mr. J. E. Owens (w/2)  
Mr. D. L. Pace (w/a)  
Mr. T. E. Reaves (w/a)  
Mr. J. C. Roberts (w/a)  
Mr. J. L. Robertson (w/a)  
Mr. G. D. Swords (w/a)  
Mr. T. H. Thurmon (w/a)  
Mr. D. W. Vinci (W3) (w/a)  
Ms. D. S. Waldron (ANO)  
Mr. D. H. Wells (RB)

NRC FORM 366 (5-92)		U.S. NUCLEAR REGULATORY COMMISSION				APPROVED BY OMB NO. 3150-0104 EXPIRES 5/31/95				
<b>LICENSEE EVENT REPORT (LER)</b>						ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 50.0 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (MNB 7714), 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				
FACILITY NAME (1) <b>Grand Gulf Nuclear Station</b>						DOCKET NUMBER (2) <b>05000-416</b>		PAGE (3) <b>01 of 03</b>		
TITLE (4) <b>Technical Specifications Violation Due to Missed Surveillance</b>										
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 NAME	DOCKET NUMBER
01	06	95	95	001	00	02	03	95	N/A	05000
									FACILITY NAME	DOCKET NUMBER
									N/A	05000
OPERATING MODE (9)		1		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more (11))						
POWER LEVEL (10)		100		20.402(b)		20.405(c)		50.73(a)(2)(iv)		73.71(b)
				20.405(a)(1)(i)		50.36(c)(1)		50.73(a)(2)(v)		73.71(c)
				20.405(a)(1)(ii)		50.36(c)(2)		50.73(a)(2)(vii)		OTHER
				20.405(a)(1)(iii)		X		50.73(a)(2)(i)		50.73(a)(2)(viii)(A)
				20.405(a)(1)(iv)		50.73(a)(2)(ii)		50.73(a)(2)(viii)(B)		(Specify in abstract below and in text, NRC Form 366A)
				20.405(a)(1)(v)		50.73(a)(2)(iii)		50.73(a)(2)(x)		
LICENSEE CONTACT FOR THIS LER (12)										
NAME <b>James Owens / Licensing Specialist</b>						TELEPHONE NUMBER (Include Area Code) <b>601-437-6483</b>				
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		MONTH		DAY
YES (If yes, complete EXPECTED SUBMISSION DATE)		X		NO		SUBMISSION DATE (15)				
ABSTRACT (Limit to 1400 spaces, i.e., approximately 15 single-spaced typewritten lines) (16)										
<p>On January 06, 1995, a routine check of the Station Information Management System (SIMS) Surveillance Database was conducted. During this routine check, it was discovered that the 25 percent grace period for Instrumentation and Control quarterly surveillance 06-IC-1C51-Q-0001 Attachment IV had been missed by four days. Failure to perform the surveillance within this interval resulted in a violation of GGNS Technical Specification (TS) 3.3.6.1. Therefore, this report is being submitted pursuant to 10CFR50.73(a)(2)(i)(B).</p> <p>Upon discovery of the condition, the requirements of TS 4.0.3 were initiated and the surveillance was successfully performed. Additionally, a deficiency report was initiated and a 100 percent review of the SIMS database was conducted and did not reveal any additional surveillances past their due date.</p> <p>The surveillance was successfully completed and the affected instrumentation returned to the operable status. Also the redundant trip circuit was fully operable, therefore, this event did not present undue risk to the health and safety of the general public.</p>										

NRC FORM 368A (5-92)	U.S. NUCLEAR REGULATORY COMMISSION	APPROVED BY OMB NO. 3150-0104 EXPIRES 5/31/95		
<p align="center"><b>LICENSEE EVENT REPORT (LER)</b></p> <p align="center"><b>TEXT CONTINUATION</b></p>		<p>ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST 50.0 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (MNB 7714), 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</p>		
		FACILITY NAME (1) <b>Grand Gulf Nuclear Station</b>	DOCKET NUMBER (2) <b>05000-416</b>	LER NUMBER (6) <b>95-001</b>
TEXT (If more space is required, use additional copies of NRC Form 368A) (17)				
<p><b>A. Reportable Occurrence</b></p>				
<p>GGNS TS 4.3.6.1 requires the control rod block instrumentation associated with the reactor coolant system recirculation flow upscale instrument channels to be calibrated at least once every 92 days. However, on January 06, 1994, during performance of a routine check of the SIMS surveillance database, it was discovered that quarterly surveillance 06-IC-1C51-Q-0001 Attachment IV had not been performed within the specified time. Failure to perform this surveillance within the specified interval resulted in a condition prohibited by the plant's Technical Specifications (TS). Therefore, this report is being submitted pursuant to 10CFR50.73(a)(2)(i)(B).</p>				
<p><b>B. Initial Conditions</b></p>				
<p>At the time of discovery, the reactor was in Operational Condition 1 with reactor power at 100 percent, temperature of 520 F, and pressure of 1040 psig.</p>				
<p><b>C. Description of Occurrence</b></p>				
<p>The requirements of T.S. 4.3.6.1 were fulfilled on September 09, 1994, by performance of semi-annual surveillance procedure 06-IC-1C51-SA-0001 Attachment IV. As a result of taking credit for performance of the semi-annual surveillance fulfilling the requirements of the quarterly surveillance, the upcoming quarterly surveillance was waived (when one surveillance (semi-annual) fulfills the requirements of a second surveillance (quarterly) the second surveillance is considered complete based on successful completion of the first). Upon waiving a surveillance work order, new completion and due dates are to be entered into the database. In this event, the proper dates were not entered into the database.</p>				
<p>Immediate corrective actions included performing the actions associated with TS 4.0.3. The affected channels were declared inoperable. Following satisfactory completion of the appropriate procedure, the affected channels were restored to operable status. Also, a complete review of the SIMS surveillance database was conducted. This review did not reveal any additional delinquent surveillances.</p>				

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FACILITY NAME (1) <b>Grand Gulf Nuclear Station</b>	DOCKET NUMBER (2) <b>05000-416</b>	LER NUMBER (6) <b>95-001</b>	PAGE (3) <b>03 OF 63</b>

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

**D. Apparent Cause**

Investigation of this event revealed a deficiency in performance and verification that the SIMS surveillance database contained the proper due and late dates for this surveillance task work order. Two major factors contributed to this deficiency. They were:

- Currently, new due dates must be manually calculated and entered into the database when performance of one surveillance task takes credit for another. In addition, the completion dates must be manually revised to reflect completion of the task. In this instance these actions were performed correctly. When the surveillance work order for this fixed frequency surveillance was waived, the computer automatically deleted the three previous completion dates and advanced the due date forward by the performance interval of the surveillance task. These actions increased the surveillance interval from 90 to 180 days. In this situation, the performer must manually re-enter the correct due date and the three previous completion dates. For this event, this task was not performed.
- According to GGNS procedure, the Surveillance Coordinator is responsible for ensuring that all completed surveillances are logged on the "SIMS In Form" and correctly entered into the SIMS database. This is accomplished by verification of all changes made to the surveillance database. For this event this was not done.

**E. Corrective Actions**

Corrective actions will consist of development of written guidance. This will include written directions for independent verification that dates which were entered for waived surveillance work orders are correct. Additionally plant personnel are evaluating upgraded software that would possibly prompt the user for the proper date or automatically calculate and assign the new due date.

**F. Safety Assessment**

The trip channels in question provide a control rod block signal. Each of the two trip circuits contains four trip channels. As a result of the late surveillance, operability for two of the four channels in the division two circuit were not calibrated within the proper frequency. However, the fact that the two other channels in the division two circuit had been calibrated, and that surveillance 06-IC-1C51-Q-0001 Attachment IV was successfully performed, assured that the division two circuit would have performed its design function. Therefore, this event did not present an undue risk to the health and safety of the general public.