

Commonwealth Edison Company
LaSalle Generating Station
2601 North 21st Road
Marseilles, IL 61341-9757
Tel 815-357-6761



August 22, 1995

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

Licensee Event Report #95-013-00, Docket #050-373 is being submitted to your office in accordance with 10CFR50.73(a)(2)(i).

Sincerely,

A handwritten signature in black ink, appearing to read "D. J. Ray".

D. J. Ray
Station Manager
LaSalle County Station

DJR/CTK/lja

Enclosure

cc: H. J. Miller, NRC Region III Administrator
P. G. Brochman, NRC Senior Resident Inspector
R. J. Zuffa, IDNS Resident Inspector
F. Niziolek, IDNS Senior Reactor Analyst
INPO - Records Center
D. L. Farrar, Nuclear Regulatory Services Manager

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PDR ADCK 05000373
S PDR

Handwritten initials in black ink, possibly "JES" or similar, with a vertical line to the right.

NRC FORM 366 (5-92)		U.S. NUCLEAR REGULATORY COMMISSION				APPROVED BY OMB NO. 3150-0104 EXPIRES 5/31/95							
LICENSEE EVENT REPORT (LER)										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) LaSalle County Station Unit 1						DOCKET NUMBER (2) 05000373		PAGE (3) 1 OF 4					
TITLE (4) Missed Calibration of 1B Diesel Generator Low Lube Oil Pressure Shutdown Switch 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 NAME	DOCKET NUMBER			
07	26	95	95	-- 013 --	00	08	25	95	None				
OPERATING MODE (9)		N		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more) (11)									
POWER LEVEL (10)		000		20.2201(b)		20.2203(a)(3)(i)		50.73(a)(2)(iii)		73.71(b)			
				20.2203(a)(1)		20.2203(a)(3)(ii)		50.73(a)(2)(iv)		73.71(c)			
				20.2203(a)(2)(i)		20.2203(a)(4)		50.73(a)(2)(v)		OTHER			
				20.2203(a)(2)(ii)		50.36(c)(1)		50.73(a)(2)(vii)		(Specify in Abstract below and in Text, NRC Form 366A)			
				20.2203(a)(2)(iii)		50.36(c)(2)		50.73(a)(2)(viii)(A)					
				20.2203(a)(?) (iv)	X	50.73(a)(2)(i)		50.73(a)(2)(viii)(B)					
				20.2203(a)(2)(v)		50.73(a)(2)(ii)		50.73(a)(2)(x)					
LICENSEE CONTACT FOR THIS LER (12)													
NAME Todd Kollross, System Engineer, Extension 2704							TELEPHONE NUMBER (Include Area Code) (815) 357-6761						
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			
YES (if yes, complete EXPECTED SUBMISSION DATE).						X NO							

ABSTRACT (Limit to 1400 spaces, i.e., approximately 15 single-spaced typewritten lines) (16)

On July 26, 1995, while revising procedure LIP-DG-505, "Diesel Generator 1A and 1B Low Lube Oil Pressure Shutdown Switch Calibration", it was discovered that the Diesel Generator 1B Low Lube Oil Pressure Shutdown Switch (PS-1E22-N515) had not been calibrated per LIP-DG-505 when the procedure was performed on December 28, 1994. This procedure was signed off as completed when only the 1PS-DG-050 (1A Diesel Generator Switch) was calibrated. The 1A and 1B Low Lube Oil Pressure Shutdown Switch provides a trip permissive to the Diesel Generator (1A/1B). This equipment protection feature is bypassed during emergency conditions (ECCS actuation) when the Diesel Generator is required. The failure to fully complete this surveillance created a condition prohibited by Technical Specification 4.8.1.1.2.d.13.b.

The cause of this event was personnel error in that an incorrect surveillance status was entered into the General Surveillance (GSRV) program. Inadequate management review of the surveillance package and its subsequent closure in the GSRV program was a contributing factor in the missed surveillance. LIP-DG-505 was completed satisfactorily at 2200 hours on July 26, 1995. This report is being submitted per 10CFR50.73(a)(2)(i).

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TEXT CONTINUATION

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

PLANT AND SYSTEM IDENTIFICATION

General Electric - Boiling Water Reactor

Energy Industry Identification System (EIIS) codes are identified in the text as [XX].

A. CONDITION PRIOR TO EVENT

Unit(s): 1 Event Date: 7/26/95 Event Time: 1100 Hours
 Reactor Mode(s): 1 Modes(s) Name: Run Power Level(s): 100%

B. DESCRIPTION OF EVENT

On July 26, 1995, Maintenance Staff personnel were revising procedure LIP-DG-505 to create a separate calibration procedure and surveillance entry for the 1A and 1B Diesel Generator Low Lube Oil Pressure Shutdown Switch. While reviewing the last General Surveillance (GSRV) entries for this procedure, they identified that a surveillance on the Diesel Generator 1B Low Lube Oil Pressure Shutdown Switch, that was due on November 4, 1994, had not been performed before its critical date of May 6, 1995. This is contrary to the Technical Specification 4.8.1.1.2.d.13.b. requirement to verify the setpoints that will allow the low lube oil pressure shutdown switch to shut down the diesel when not bypassed in normal conditions.

The 1B Diesel Generator remained in standby for automatic operation but was declared inoperable. LOS-AA-W1 (Attachment 1D), "Offsite Power Lineup Verification", was performed and the "0", "1A", and "2A" diesels were run per Technical Specification 3.8.1.1 action statement. A review of the surveillance history of the subject switch was performed to verify that this was a single instance of a missed calibration.

C. CAUSE OF EVENT

This event is being reported pursuant to the requirements of 10 CFR 50.73(a)(2)(i) due to a deviation from the plant Technical Specifications. The root cause of this event was personnel error that resulted in an incorrect surveillance status being entered into the GSRV program. The surveillance directed by the procedure was circled as a complete surveillance when the appropriate entry should have been a

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C. CAUSE OF EVENT (Continued)

partial surveillance. This was a result of a lack of management oversight by Instrument Maintenance supervision. A contributing cause of this event was that two separate switches were scheduled to be calibrated under a single procedure and tracked as a single surveillance item. Since the 1A and 1B switches are calibrated separately, and at different times, procedural guidance should have referenced this as a partial surveillance. In addition, a reference in LIP-DG-505 should have linked the Oil Pressure Switch calibration to the logic tests required by Technical Specifications.

D. SAFETY ANALYSIS

Although the Low Lube Oil Pressure Shutdown Switch is bypassed when an ECCS actuation occurs, it is not bypassed during a loss of offsite power without ECCS actuation and, therefore, fulfills a vital safety feature (trip permissive to the Diesel Generator).

The "0", "1A", and "2A" diesels were run per the Technical Specification Action Statement (LOS-AA-W1, Attachment 1D). The Diesel Generator 1B Low Lube Oil Pressure Shutdown Switch (PS-1E22-N515) was calibrated per LIP-DG-505 and was completed satisfactorily at 2200 hours on July 26, 1995. The setpoints of the switch were found in tolerance. The 1B Diesel Generator is run monthly. If this switch failed or drifted significantly, the failure would be detected in the monthly surveillance, therefore, the safety consequences of this event were minimal.

E. CORRECTIVE ACTIONS

The Diesel Generator 1B Low Lube Oil Pressure Shutdown Switch (PS-1E22-N515) was calibrated per LIP-DG-505 and was completed satisfactorily at 2200 hours on July 26, 1995.

LIP-DG-505 was revised on August 15, 1995, to separate the calibration of the Diesel Generator Low Lube Oil Pressure Shutdown Switch into two separate procedures each with a distinct surveillance item to track their completion. These two procedures now reference Technical Specification 4.8.1.1.2.d.13.b. requirements to verify that the diesel generator lockout features and this calibration procedure fulfill safety related functions.

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

E. CORRECTIVE ACTIONS (Continued)

A controlled matrix of Technical Specification surveillance requirements and the surveillance procedures that reference the requirements is being maintained. Any future changes to the surveillance procedures will be verified against the matrix of Technical Specification surveillance requirements. The scope of the surveillance issue investigation has been significantly expanded to the entire LaSalle Surveillance Program. This will be a rigorous effort that will result in a quality surveillance program and will include provisions for maintaining the quality of the surveillance program.

Instrument Maintenance personnel were counseled on the importance of thorough management review of all work packages and surveillances.

F. PREVIOUS OCCURRENCES

<u>LER Number</u>	<u>Title</u>
373/93-019-00	Two Surveillances Not Tested per Technical Specification Requirements -- Missed Technical Specification Surveillance
373/95-007-00	Technical Specification Surveillances Were Not Performed on Unit 1 and Unit 2 Division III 125 VDC Batteries Due to Management Deficiency
373/95-012-00	Missed Fire Protection Valve Position Verifications Due to Management Deficiency

G. COMPONENT FAILURE DATA

Since no component failure occurred, this section is not applicable.