



Nebraska Public Power District

COOPER NUCLEAR STATION
P.O. BOX 98, BROWNVILLE, NEBRASKA 68321
TELEPHONE (402) 825-3811

NLS940106

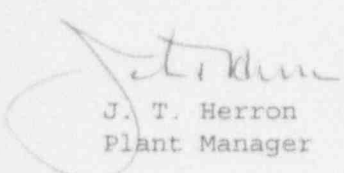
November 2, 1994

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

Dear Sir:

Cooper Nuclear Station Licensee Event Report 94-023 is forwarded as an attachment to this letter.

Sincerely,


J. T. Herron
Plant Manager

JTH/nr

Attachment

cc: L. J. Callan
G. R. Horn
J. H. Mueller
R. G. Jones
R. A. Sessoms
K. C. Walden
INPO Records Center
NRC Resident Inspector
R. J. Singer
CNS Training
CNS Quality Assurance

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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 (MNBB 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.

(See reverse for required number of digits/characters for each block)

FACILITY NAME (1) COOPER NUCLEAR STATION	DOCKET NUMBER (2) 05000298	PAGE (3) 1 OF 4
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TITLE (4) Technical Specification Violation of Failure to Re-demonstrate Diesel Generator After Other Diesel Generator was Declared Inoperable

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
10	03	94	94	-- 023 --	--	11	02	94	FACILITY NAME	DOCKET NUMBER

OPERATING MODE (9)	N	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more) (11)			
		20.402(b)	20.405(c)	50.73(a)(2)(iv)	73.71(b)
POWER LEVEL (10)	O	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)	(Specify in Abstract below and in Text, NRC Form 366A)
		20.405(a)(1)(iv)	50.73(a)(2)(ii)	50.73(a)(2)(viii)(B)	
		20.405(a)(1)(v)	50.73(a)(2)(iii)	50.73(a)(2)(x)	

LICENSEE CONTACT FOR THIS LER (12)

NAME	TELEPHONE NUMBER (Include Area Code)
Art Alford, Senior Staff Nuclear Licensing & Safety Eng.	(402) 825-3811

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

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS
N/A	N/A	N/A	N/A	No

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE).	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
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ABSTRACT (Limit to 1400 spaces, i.e., approximately 15 single-spaced typewritten lines) (16)

LICENSEE EVENT REPORT (LER)
TEXT CONTINUATION

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FACILITY NAME (1)		DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)
COOPER NUCLEAR STATION		05000298	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	2 OF 4
			94	--023--		

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

Plant Status

On October 3, 1994, when this condition was discovered the plant was in cold shutdown. However, at the time of the event the plant was at 100% power.

Event Description

On November 9, 1993, DG-1 satisfactorily completed the monthly four hour surveillance test. Subsequently, the test was commenced on DG-2, however DG-2 failed the surveillance test and was declared inoperable due to a loose mounting of the electrical overspeed limit switch (DG-LMS-DG2(12ES)). However, Operations did not retest DG-1 per TS 4.5.F.1.

The loose mounting was repaired and tested per Procedure 14.17.12, DG-2 Electrical Overspeed Limit Switch Replacement and Testing. After satisfactorily retesting, DG-2 was declared operable on November 10, 1993. DG-1 was verified to assure that the loose mounting screws were not a generic concern by visually checking the screws and commencing an unloaded run of the DG.

LICENSEE EVENT REPORT (LER)
TEXT CONTINUATION

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FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)
COOPER NUCLEAR STATION	05000298	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	3 OF 4
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TEXT (If more space is required, use additional copies of NRC Form 366A) (17)

Cause

Operations management made a conscious decision not to rerun the surveillance test on DG-1. Operations considered this to be essentially the same as a preplanned outage in which operability demonstration of one DG is made prior to making the other DG inoperable. Operations had historically interpreted TS 4.5.F.1 as "Immediately" to mean the timeliness of the demonstration and not necessarily "after". This event was identified during QA Audit 94-01 on February 10, 1994, however the plant did not concur with QA's interpretation of the TS and submitted a TS Clarification Request for an interpretation regarding DG retesting requirements. Further discussions ensued relative to the TS interpretation and it was subsequently determined that pre-testing one DG prior to a planned outage of the other is a prudent method, however it only applies to a preplanned outage, not a failed surveillance test, because a failed surveillance may indicate generic concerns with both DGs. Thus on October 3, 1994, it was determined that this event was a TS violation. The lack of proper training allowed misapplication of the TS 4.5.F.1.

Safety Significance

The failure of DG-2 was due to a loose mounting bracket on the electrical overspeed limit switch. DG-1, just prior to testing DG-2, passed the four hour surveillance test. The loose mounting screws on the electrical overspeed limit switch was not a common mode failure and did not affect the operability of DG-1, which was verified by visually checking the screws and commencing an unloaded run on DG-1. Based on the above, it is concluded that the safety significance of not retesting DG-1 immediately after declaring DG-2 inoperable is minimal.

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

Corrective Action

Cooper Nuclear Station will perform training (tailgate sessions) with licensed Operations personnel to convey management expectations and train on the clarification of the application of TS 4.5.F.1 requirements for demonstration of DG operability.

Cooper Nuclear Station will also incorporate this event into the licensed Operator training program.

Similar Events

Similar events involving TS violations include the following LERs: 92-003, 93-002, 93-023, and 93-034.