

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Cooper Nuclear Station	DOCKET NUMBER (2) 0 5 0 0 0 2 9 8	PAGE (3) 1 OF 0 3
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TITLE (4)
Surveillance Procedure Not Performed Within Required Surveillance Interval

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	8	0	1	8	8	0	2	0			0 5 0 0 0
0	8	0	1	8	8	0	8	3			0 5 0 0 0

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

OPERATING MODE (9) N	20.402(a)	20.406(a)	80.73(a)(2)(iv)	73.71(a)
POWER LEVEL (10) 1 1 0 0	20.406(a)(1)(ii)	80.38(a)(1)	80.73(a)(2)(iv)	73.71(a)
	20.406(a)(1)(iii)	80.38(a)(2)	80.73(a)(2)(iv)	OTHER (Specify in Abstract Below and in Text, NRC Form 366A)
20.406(a)(1)(iv)	<input checked="" type="checkbox"/> 80.73(a)(2)(ii)	80.73(a)(2)(iv)(i)(A)		
20.406(a)(1)(v)	80.73(a)(2)(iii)	80.73(a)(2)(iv)(i)(B)		
20.406(a)(1)(vi)	80.73(a)(2)(iii)	80.73(a)(2)(iv)		

LICENSEE CONTACT FOR THIS LER (12)

NAME Ralph W. Krause	TELEPHONE NUMBER AREA CODE: 4 0 2 8 2 - 3 8 1 1
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COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC

SUPPLEMENTAL REPORT EXPECTED (14)

<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE)	<input checked="" type="checkbox"/> NO	EXPECTED SUBMISSION DATE (15):	MONTH: DAY: YEAR:
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ABSTRACT (16) (If 1 to 1400 characters, it is approximately fifteen single space typewritten lines) (16)

On August 1, 1988, it was discovered that Surveillance Procedure 6.2.2.3.6, HPCI Pump Low Suction Pressure Calibration and Functional/Functional Test, had not been performed within the required surveillance interval. This procedure functionally tests the High Pressure Coolant Injection (HPCI) pump suction pressure switch, which trips the HPCI turbine on low suction pressure, and is required to be performed monthly per Technical Specifications. The functional test was performed May 28, 1988, and then again July 11, 1988, six days past the end of the required surveillance interval (31 days) plus the maximum allowable extension (7 days).

Immediate corrective actions taken were to discuss the situation with the Surveillance Coordinator, and to verify no other surveillance procedures had exceeded the allowable test interval. A computerized surveillance scheduling system is being implemented to aid the Surveillance Coordinator in test scheduling and tracking.

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

A. Event Description

On August 1, 1988, it was discovered that Surveillance Procedure 6.2.2.3.6, HPCI Pump Low Suction Pressure Calibration and Functional/Functional Test, had not been performed within the required surveillance interval. This procedure functionally tests the High Pressure Coolant Injection (HPCI) pump suction pressure switch, which trips the HPCI turbine on low pump suction pressure. The pressure switch is required to be functionally tested monthly per Technical Specification Table 4.2.B (page 4). It was checked on May 28, 1988, and then again per the surveillance schedule on July 11, 1988, six days past the end of the required surveillance interval (31 days) plus the maximum allowable extension of 25% (7 days).

B. Plant Status

At the time of discovery, the plant was operating at 100% of rated power.

C. Basis for Report

The occurrence is reportable in accordance with 10CFR50.73(a)(2)(i)(B), an operation prohibited by Technical Specifications (surveillance procedure not performed within required surveillance interval plus allowable extension).

D. Cause

Personnel Error. The Surveillance Coordinator utilizes a manual system to schedule 250 - 300 surveillances per quarter, that has been used satisfactorily since initial startup. The plant was in the final weeks of a maintenance and refueling outage when Surveillance Procedure 6.2.2.3.6 was performed as part of post-maintenance testing on May 28. The test was one of approximately 20 surveillance procedures performed during the latter portion of the outage that were to be scheduled for performance during the week after plant startup (June 17, 1988) to coincide with the start of the new surveillance test cycle. However, Surveillance Procedure 6.2.2.3.6 was inadvertently omitted when the schedule for that week was set up, and the procedure was not performed until next scheduled on July 11.

E. Safety Consequences

None. The surveillance procedure was performed satisfactorily on July 11, 1988, which indicates the component was operable during the period between surveillance tests.

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

F. Safety Implications

The low pump suction pressure turbine trip is an equipment protection feature to prevent pump damage if no water supply sources are available. An undetected pressure switch failure may have resulted in a continuous turbine trip signal (HPCI would not start when required) or pump damage (HPCI would not trip when required) during an event requiring HPCI operation. However, other systems (Reactor Core Isolation Cooling, Automatic Depressurization System, Core Spray, Low Pressure Coolant Injection) would have been operable to supply water to the reactor vessel for core cooling.

G. Corrective Action

Immediate corrective actions taken were to discuss the situation with the Surveillance Coordinator, and to verify no other surveillance procedures had exceeded the allowable interval. The verification showed all other Technical Specification surveillance procedures had been performed within the allowable intervals. A computerized surveillance scheduling system is being implemented to aid the Surveillance Coordinator in schedule development.

H. Past Similar Events

There have been no similar events.



Nebraska Public Power District

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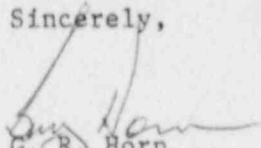
August 31, 1988

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

Gentlemen:

Cooper Nuclear Station Licensee Event Report 88-020 is forwarded as an attachment to this letter.

Sincerely,


G. R. Horn
Division Manager of
Nuclear Operations

GRH:sg

Attachment

cc: R. D. Martin
L. G. Kunc1
R. E. Wilbur
V. L. Wolstenholm
G. A. Trevors
INPO Records Center
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