

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Cooper Nuclear Station										DOCKET NUMBER (2) 0 5 0 0 0 2 9 8 1										PAGE (3) 1 OF 0 3																													
TITLE (4) Failure to Properly Establish a Fire Seal Penetration Barrier Due to Procedural Inadequacies																																																	
EVENT DATE (5) 0 3 0 6 9 3 9 3										LER NUMBER (6) 0 0 4										REPORT DATE (7) 0 0 0 4 0 2 9 3										OTHER FACILITIES INVOLVED (8)																			
MONTH DAY YEAR										MONTH DAY YEAR										FACILITY NAMES										DOCKET NUMBER(S)																			
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OPERATING MODE (9) N										THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5: (Check one or more of the following) (11)																																							
POWER LEVEL (10) 0 1 0 0										20.402(b)										20.406(c)										50.73(a)(2)(iv)										73.71(b)									
										20.406(a)(1)(i)										50.36(c)(1)										50.73(a)(2)(iv)										73.71(c)									
										20.406(a)(1)(ii)										50.36(c)(2)										50.73(a)(2)(vii)										OTHER (Specify in Abstract below and in Text, NRC Form 366A)									
										20.406(a)(1)(iii)										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)																			
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LICENSEE CONTACT FOR THIS LER (12)																																																	
NAME Donald L. Reeves, Jr.																				TELEPHONE NUMBER 4 0 2 8 2 5 - 3 8 1 1																													
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																																																	
CAUSE										SYSTEM										COMPONENT										MANUFACTURER										REPORTABLE TO NPDOS									
SUPPLEMENTAL REPORT EXPECTED (14)																																																	
YES (If yes, complete EXPECTED SUBMISSION DATE)																				X NO										EXPECTED SUBMISSION DATE (15)										MONTH DAY YEAR									
ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)																																																	
<p>On March 8, at approximately 12:30 am, it was discovered that visual inspection documentation for the installation of temporary seals in two 2-inch Reactor Building exterior wall penetration conduits through which temporary power cables had been installed on March 6, was incomplete. A Fire Watch was established at 1:24 am, and the temporary seals were replaced. In accordance with procedural requirements, visual inspections of seal re-installation were performed and, at 3:07 am, the Fire Watch was secured. At the time, the reactor was in Cold Shutdown for the 1993 Refueling Outage.</p> <p>The cause of this event is procedural deficiencies. The engineer involved on March 6 understood the procedural requirements for seal installation were applicable only to permanent seals. The maintenance and engineering procedures associated with fire barrier seals did not clearly identify the documentation requirements for temporary seals.</p> <p>The procedural requirements associated with temporary seal installations were reviewed with the engineer involved to ensure his understanding of fire protection requirements. The procedures will be revised to ensure guidance regarding temporary seal installation is more clearly defined.</p>																																																	
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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/88

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
Cooper Nuclear Station	0 5 0 0 0 2 9 8 9 3	—	0 0 4	—	0 0	0 2	OF 0 3

TEXT (If more space is required, use additional NRC Form 368A's) (17)

A. Event Description

On March 6, 1993, at 11:00 am, a Fire Watch was posted in preparation for installing temporary power cables from outside of the Reactor Building, through two spare 2-inch conduits, into the Reactor Building to support maintenance activities during the 1993 Refueling Outage. The penetrations were opened, the power cables were installed, and the penetrations were temporarily sealed. However, based upon guidance from engineering, visual inspection of the temporary seal installations was not conducted. Therefore, the attendant sign-offs in the procedure, which document compliance with Technical Specification surveillance requirements, were not initialed. At 2:37 pm, when the work was completed, the Fire Watch was secured.

On March 8, at approximately 12:30 am, a review of documentation associated with fire barrier penetrations that were breached, revealed that adequate visual inspection documentation of temporary seal installations for the two subject penetrations did not exist. A Fire Watch was re-established at 1:24 am and the temporary seals were replaced. In accordance with procedural requirements, visual inspections of seal re-installation were performed and, at 3:07 am, the Fire Watch was secured.

B. Plant Status

Cold Shutdown for the 1993 Refueling Outage.

C. Basis for Report

Failure to perform and document visual inspections of temporary seal installations when installed on March 6. This event is being reported as a condition prohibited by Technical Specifications as specified in 10CFR50.73(a)(2)(i)(B).

D. Cause

Procedure deficiency. The engineer assigned understood the procedural requirements for seal installation were applicable only to permanent seal installations. The maintenance and engineering procedures associated with fire barrier seals did not clearly identify the documentation requirements for temporary seal installation.

E. Safety Significance

This event posed minimal safety significance. The temporary seals that had first been made up were installed correctly. The deficiency was of an administrative nature.

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		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER					
Cooper Nuclear Station	0 5 0 0 0 2 9 8	9 3	— 0 0 4	— 0 0	0 3	OF	0 3		

TEXT (If more space is required, use additional NRC Form 365A's) (17)

F. Safety Implications

There are no safety implications associated with this event. At the time, secondary containment integrity was not required. Additionally, no safety-related equipment is located in the vicinity of the two 2-inch conduits installed in the Reactor Building exterior wall.

G. Corrective Action

As previously noted, the temporary seals were replaced, their installation was visually inspected, and the appropriate documentation was completed.

The procedural requirements associated with temporary seal installations were reviewed with the engineer involved to ensure his understanding of fire protection requirements. The procedures will be revised to ensure guidance regarding temporary seal installation is more clearly defined.

H. Similar Events

None