

Nebraska Public Power District

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

CNSS790360

July 19, 1979

Mr. K. V. Seyfrit
U.S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
Region IV
611 Ryan Plaza
Suite 1000
Arlington, Texas 76011

Dear Sir:

This report is submitted in accordance with Section 6.7.2.B.3 of the Technical Specifications for Cooper Nuclear Station and discusses a reportable occurrence that was discovered on June 20, 1979. A licensee event report form is also enclosed.

Report No.: 50-298-79-17
Report Date: July 19, 1979
Occurrence Date: June 20, 1979
Facility: Cooper Nuclear Station
Brownville, Nebraska 68321

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Identification of Occurrence:

An observed inadequacy in the implementation of an administrative procedural control required by Technical Specification Table 4.2.B, Item 19.

Conditions Prior to Occurrence:

The reactor was at steady state power level of approximately 95% of rated thermal power.

Description of Occurrence:

During a review of Surveillance Procedure 6.2.2.1.10, it was observed that the procedure did not include monthly functional testing and a daily instrument check of loss of voltage relays 27/1F1, 27/1G1, 27/1FA1, 27/1GB1, 27/ET1 and 27/ET2.

Designation of Apparent Cause of Occurrence:

Incomplete procedure updating to include all Technical Specifications.

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Analysis of Occurrence:

In April 1979, compliance with a NRC Safety Evaluation and Staff Position concerning emergency power systems for operating reactors was achieved. Additional undervoltage relays were installed to monitor emergency bus voltages. A corresponding Technical Specification change dictating increased test frequency requirements for all emergency bus relays was implemented when the minor design change was completed. The increased functional and daily checks of the subject relays were inadvertently omitted from Surveillance Procedures 6.2.2.1.0 and 6.2.4.1 when these procedures were revised to reflect the Technical Specification change. The subject relays had been previously functionally tested once per refueling cycle, with another procedure, 6.3.4.3, Core Spray, RHR, and Diesel Generator Auto Start and Loading. Procedure 6.3.4.3 was performed satisfactorily during the April 1979 outage. The additional relays, installed in April 1979, were operable and the functional and daily checks for these relays were verified correct in the applicable surveillance procedure.

This occurrence presented no adverse consequences from the standpoint of public health and safety.

Corrective Action:

Surveillance Procedures 6.2.2.1.10 and 6.2.4.1 have been revised to include functional tests and daily instrument checks as required by Technical Specifications and the required tests and daily checks have been performed on the subject relays. This occurrence has been reviewed by the station personnel involved.

Sincerely,



L. C. Lessor
Station Superintendent
Cooper Nuclear Station

LCL:cg
Attach.

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