

Nebraska Public Power District

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

CNSS810313

May 26, 1981



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

Dear Sir:

This report is submitted in accordance with Section 6.7.2.B.2 of the Technical Specifications for Cooper Nuclear Station and discusses a reportable occurrence that was discovered on April 26, 1981. A licensee event report form is also enclosed.

Report No.: 50-298-81-07
Report Date: May 26, 1981
Occurrence Date: April 26, 1981
Facility: Cooper Nuclear Station
Brownville, Nebraska 68321

Identification of Occurrence:

A condition which could have resulted in operation in a degraded mode permitted by the limiting condition for operation established in Section 3.5.F.1 of the Technical Specifications.

Conditions Prior to Occurrence:

The reactor was in cold shutdown for refueling.

Description of Occurrence:

During performance of Surveillance Procedure 6.3.12.1, #1 diesel generator cylinder exhaust temperature increased.

Designation of Apparent Cause of Occurrence:

A temporary air pressure test gauge installed on the control air supply to the inlet air damper fell off. Thus allowing the inlet air dampers to go partially closed and initiating an increased cylinder temperature due to insufficient combustion air.

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Analysis of Occurrence:

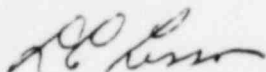
The #1 diesel generator is one of two diesel generators installed at CNS to supply emergency power. The subject air pressure gauge had been previously installed to assist in identifying various control air pressures at different locations on the engine to complete acceptance criteria for the DG muffler bypass modification. The gauge was connected with a short piece of 1/8" stainless steel tubing and two (2) Swageloc connections. The failure occurred in the tubing allowing the test gauge to fall to the floor.

The redundant diesel generator was operable. This occurrence presented no adverse consequences from the standpoint of public health and safety.

Corrective Action:

The #1 diesel generator was secured and the tubing failure was corrected by installing a Swageloc cap. Number 1 diesel generator was tested satisfactorily approximately 3 hours after securing. The #2 diesel generator was inspected and no corresponding test gauge was installed. Appropriate engineering and maintenance personnel have been briefed with respect to the gravity of this occurrence and a copy of this LER will be routed for review.

Sincerely,



L. C. Lessor
Station Superintendent
Cooper Nuclear Station

LCL:cjg
Attach.