



Nebraska Public Power District

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

CNSS800518

August 22, 1980

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.3 of the Technical Specifications for Cooper Nuclear Station and discusses a reportable occurrence that was discovered on July 25, 1980. A licensee event report form is also enclosed.

Report No.: 50-298-80-32
Report Date: August 22, 1980
Occurrence Date: July 25, 1980
Facility: Cooper Nuclear Station
Brownville, Nebraska 68321

Identification of Occurrence:

Condition leading to operation in a degraded mode permitted by a limiting condition for operation specified in Technical Specification 3.5.C.

Conditions Prior to Occurrence:

Reactor power was at approximately 100% of rated thermal power.

Description of Occurrence:

On July 25, 1980, surveillance procedure 6.2.2.2.1, ADS Water Level Functional/Calibration Test, was initiated. The purpose of this surveillance procedure is to perform an instrument calibration and functional test of NBI-LIS-83A and 83B (vessel level) switches. After returning NBI-LIS-83A to service, an isolation of the HPCI steam line occurred. The isolation was initiated by a high water level trip from NBI-LIS-101B. The isolation was immediately reset.

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Designation of Apparent Cause of Occurrence:

The cause of this occurrence is not fully known. It may have been caused by a transient in the common sensing line introduced by opening the isolation valve prior to the pressurizing valve or by opening the pressurizing valve too quickly.

Analysis of Occurrence:

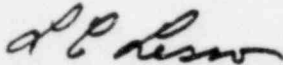
The remaining high pressure ECCS System (ADS System), the low pressure ECCS Systems (LPCI Subsystem and Core Spray Subsystems), and the RCIC System were operable during the momentary isolation of the HPCI steam line. The HPCI System isolation was immediately reset and the HPCI System was operable for automatic initiation.

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

Corrective Action:

This occurrence has been reviewed with all Instrument Technicians. No further action is planned at this time.

Sincerely,



L. C. Lessor
Station Superintendent
Cooper Nuclear Station

LCL:cg
Attach.