

U. S. NUCLEAR REGULATORY COMMISSION
OFFICE OF INSPECTION AND ENFORCEMENT
REGION IV

Report No. 50-298/80-12

Docket No. 50-298

License No. DPR-46

Licensee: Nebraska Public Power District
P. O. Box 499
Columbus, Nebraska 68601

Facility Name: Cooper Nuclear Station

Inspection At: Cooper Nuclear Station, Nemaha County, Nebraska

Inspection conducted: August 18-21, 1980

Principal
Inspector:

Richard G. Spangler
R. G. Spangler, Reactor Inspector
Reactor Projects Section No. 1

8/29/80
Date

Accompanying
Personnel:

M. J. Roberds
M. J. Roberds, Reactor Inspector Aide

8/29/80
Date

Approved by:

T. F. Westerman
T. F. Westerman, Chief,
Reactor Projects Section #1

Date

Inspection Summary

Inspection on August 18-21, 1980 (Report No. 50-298/80-12)

Areas Inspected: Routine, unannounced inspection of followup to previously identified items, housekeeping and cleanliness program, organization and administration, qualification of personnel program, followup on IE Bulletins and followup on LER's. This inspection involved 48 inspector hours on site by two NRC inspectors.

Results: No items of noncompliance or deviation were identified.

DETAILS

1. Persons ContactedNebraska Public Power District

L. F. Bednar, Electrical Engineer
 P. J. Borer, Operations Supervisor
 P. F. Doan, Mechanical Engineer
 *L. C. Lessor, Station Superintendent
 C. R. Noyes, Technical Assistant to Station Superintendent
 V. L. Wolstenholm, Quality Assurance Supervisor

*Indicates presence at exit meeting.

2. Followup on Previously Identified Items

(Closed) Open Item 8008-02 (Inspection Report 80-08, paragraph 5): Use of Temperature Correction Factor in Snubber Functional Test Acceptance Criteria.

Revision 5 to procedure 6.3.10.9, Snubber Operability Test, includes an adjustment to test stand data according to ITT Grinnel Report PHD-6500-7, revision 1, that corrects lockup and bleed velocities to values applicable to the snubber service temperature.

3. Housekeeping/Cleanliness Program

The purpose of this portion of the inspection is to ascertain that the licensee has a program to implement adequate housekeeping and cleanliness controls, generally and during the conduct of maintenance to assure that the quality of safety related systems is not degraded. The inspector found that general requirements concerning general housekeeping and controls of hazardous materials have been established by the licensee in administrative procedure 1.6. Other controls within this area were found in the procedures governing specific activities. For example, material and tool accountability or tool safe handling procedures around the reactor vessel during refueling were addressed in procedures 3.5, Refueling, and 7.4, Maintenance Refueling. In addition, the inspector found that directions for the cleaning of selected primary system or safety system components were addressed in procedures:

7.2.5, Reactor Recirculation Pump Rotating Assembly Removal and Replacement

7.2.5.1, Reactor Recirculation Pump Seal Cartridge Removal and Replacement

7.2.28, HPCI Terry Steam Turbine Maintenance

7.3.17, Checking 4160 Breakers

The inspector identified no items of noncompliance or deviation during this review.

4. Organization and Administration

The objective of this inspection effort was to ascertain whether changes made to the licensee's organization are in conformance with the requirements of the Technical Specifications.

The inspector reviewed NPPD organization charts to determine if the organizational structure was as described in the technical specifications (TS) and verified that persons assigned to different positions in the licensee's organization satisfy qualifications identified in TS 6.1.4.

During this review, the inspector noted that the NPPD Management Organization Chart for the General Office and Executive Staff and Figure 6.1.1 in the TS do not agree. As yet no change request has been submitted to NRR. The Station Superintendent indicated during the exit interview that a change request is forthcoming. This will remain an open item (8012-01).

No other findings were identified.

5. Personnel Qualification Program

The objective of this inspection effort was to ascertain whether the licensee has a QA Program relating to qualification of personnel that is in conformance with Regulatory requirements, commitments in the License application and industry guides and standards.

The inspector reviewed the following documents to verify that Cooper Nuclear Station is meeting the ANSI standard N18.1-1971, as required by Technical Specifications 6.1.4:

- . Cooper Nuclear Station Quality Assurance Program for Operations, section 3.0, paragraph 3.3, "Organization and Responsibilities,"
- . NPPD District Procedures and Personnel Instructions,
- . Job Positions 1980,
- . Exempt Position Questionnaire file,
- . Position Description file,
- . QAI-6 of the QA Manual, Personnel Qualifications and Training.

Based on this review, it appears that NPPD management is aware of and meeting the requirements of ANSI 18.1. However, no policy document or implementing procedure or instruction was located delineating a methodology for meeting this ANSI standard and establishing approval authority for any possible exceptions to the standard. This item will remain as an open time (8012-02). No other findings were identified by the inspector.

6. Followup on IE Bulletins

78-14 Deterioration of Buna-N Components in ASCO Solenoids (Closed).
Reference TI 2515/20.

In response to GE SIL No. 128 and this bulletin the licensee has established and implemented a six year cyclic rebuilding program for solenoid pilot valves used in the CRD system.

79-03A Weld Defects in ASME SA-312 Piping (Closed).

The licensee's review of contract documents in this area found that all safety-related stainless steel pipe less than 8 inches in diameter was purchased under procurement specifications requiring seamless pipe.

80-15 Possible Loss of Emergency Notification System (ENS) with Loss of Off-Site Power (Closed).

The licensee has met the requirements of the bulletin and operations personnel have been informed of the requirement to notify the NRC Duty Officer should the ENS become inoperable.

80-16 Potential Misapplication of Rosemount, Inc., Models 1151 and 1152 Pressure Transmitters with Either 'A' or 'D' Output Codes (Closed).

The Licensee's review of the applications of these types of transmitters at Cooper Nuclear Station indicates that the scenarios described in the bulletin and attachments are unlikely to occur. The licensee's response adequately addressed the required actions of the bulletin.

80-19 Failure of Mercury - Wetted Matrix Relays in Reactor Protective Systems of Operating Nuclear Power Plant Designed by Combustion Engineering (Closed).

These relays are not used in the RPS at Cooper Nuclear Station.

80-20 Failures of Westinghouse Type W-2 Spring Return to Neutral Control Switches (Closed).

No switches of this type are used at Cooper Nuclear Station.

7. Followup on LER's

The inspector's on-site followup activities are complete for the following LER's:

80-03 Failure of a motor operated valve to fully close due to the incorrect reassembly of a Limitorque geared limit switch (Closed).

The licensee is in the process of writing a maintenance procedure for Limitorque valves, which among other things will address the geared limit switch assemblies.

80-14 Contact not removed from the Core Spray Pump Circuits during construction (Closed).

The failure to remove these contacts from the start circuits of the core spray pumps was apparently due to improper followup in verifying implementation of a GE field change request. Implementation of this request had been completed and verified for the RHR pumps.

LER's 80-26, 80-28, 80-29 and 80-31 are closed based on the inspectors in-office review.

8. Exit Interview

An exit interview was conducted at the conclusion of this inspection. The above findings were identified and discussed with the Station Superintendent.