

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

Report No. 50-285/80-15

Docket No. 50-285

License No. DPR-40

Licensee: Omaha Public Power District  
1623 Harney Street  
Omaha, Nebraska 68102

Facility Name: Fort Calhoun Station - Unit 1

Inspection at: Fort Calhoun Station, Blair, Nebraska

Inspection Conducted: July 30 - August 31, 1980

Inspector: D. M. Hunnicutt 9/11/80  
for D. L. Kelley, Senior Resident Inspector Date

Approved By: D. M. Hunnicutt 9/11/80  
D. M. Hunnicutt, Chief, Reactor Projects Section No.2 Date

Inspection Summary

Inspection Conducted During Period of July 30 - August 31, 1980 (Report No. 50-285/80-15)

Areas Inspected: Routine, announced inspection including Operation Safety Verification and start up testing - refueling. The inspection of an on-site activity by the Resident Inspector included thirty-three (33) inspector-hours.

Results: Within the two (2) areas inspected, one item of noncompliance was identified (infraction - Physical Security, paragraphs 2.B.(2) and 4.).

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DETAILS1. Persons Contacted

\*S. C. Stevens, Manager, Fort Calhoun Station  
W. G. Gates, Supervisor, Operations  
G. R. Peterson, Supervisor, Maintenance

\*Denotes those attending exit interview.

The inspector also talked with and interviewed other licensee employees during the inspection. These employees included reactor operators and office personnel.

2. Operational Safety Verification

The inspector performed certain activities to ascertain that the facility is being operated safely and in conformance with regulatory requirements, and that the licensee's Management Control System is effectively discharging its responsibilities for continued safe operation. The inspectors activity and findings in this regard are described in the following paragraphs:

a. Inspection Activities Performed Several Times Per Week

- (1) Control Room Observations Were Made Which Included the Following Items:
  - (a) Licensee adherence to selected Limiting Conditions for Operation (LCO's).
  - (b) Observation of instruments and recorder traces for abnormalities.
  - (c) Verification of control room and shift manning.
  - (d) Verification of operator adherence to approved procedures.
- (2) Review of selected logs and records to obtain information on plant operations, trends compliance with regulatory requirements, and assess the effectiveness of communications provided by these logs and records.

b. Inspection Activities Performed on a Weekly Basis

- (1) The operability of selected emergency safeguards features systems was verified by random sampling of valves, switches, valve position indications, and circuit breaker positions.

No complete system verifications were made due to time availability. The systems sampled were:

- (a) Hi Pressure Safety Injection
  - (b) Lo Pressure Safety Injection
  - (c) Auxiliary Feedwater
- (2) The inspector toured accessible areas of the plant to determine and/or verify equipment conditions, plant conditions, security, safety, and housekeeping. Observations included the following:
- (a) General plant and equipment conditions
  - (b) Fire hazards
  - (c) Control of combustible material
  - (d) Physical Security

The inspector verified that the security plan is being implemented by observing that:

- The security organization is properly manned and security personnel are capable of performing their assigned tasks.
- Protected area barriers are not degraded.
- Isolation zones are cleared.
- Vehicles are properly authorized, searched, and escorted or controlled within the protected area.
- Persons within the protected area display photo identification badges and persons requiring escort are properly escorted.
- Vital area physical barriers are not degraded
- Persons and packages are checked prior to entry into the protected areas. One item of noncompliance was identified in this area. Refer to Attachment A to this report. (Attachment A contains 2.790(d) information)

### 3. Changes In Plant Operations

The licensee has received authorization (Amendment 50 to the Facility Operating License (DPR-40) and the Technical Specifications) to increase

the current licensed power level from 1420 Mwt to 1500 Mwt. The stretch power ascension test program began during the week of September 1, 1980. Prerequisite instrument calibration was authorized and completed during the 1980 refueling outage. The power escalation will be accomplished in accordance with special procedure SP-STRETCH-1, RO, "Power Ascension to 1500 Mwt." The details of the power ascension test program will be covered in the September, 1980 inspection report.

4. Review of Item of Noncompliance

During this reporting period the inspector identified an item of non-compliance (infraction) refer to Attachment A. The licensee was informed of the specific nature of the infraction and took immediate action to correct the problem and to preclude its recurrence. The inspector has reviewed the actions taken by the licensee and has no further questions regarding this matter. This item is considered closed.

5. Exit Interview

On August 29, 1980, the inspector reviewed the scope and findings with the Fort Calhoun Station Manager.