

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

Report No. 50-285/81-06

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:

Inspector: *D M Hunnicutt*  
for D. L. Kelley, Senior Resident Reactor Inspector

4/16/81  
Date

Approved by: *D M Hunnicutt*  
D. M. Hunnicutt, Chief, Reactor Project Section No. 2

4/16/81  
Date

Inspection Summary

Inspection Conducted During Period of March 1-31, 1981 (Report No. 50-285/81-06)

Areas Inspected: Routine, announced inspection including (1) operational safety verification, and (2) Follow up on Violations and Open Items. The inspection involved 58 inspector-hours on site by one NRC inspector.

Results: Within the two areas inspected, no violations or deviations were identified.

DETAILS1. Persons Contacted

- \*S. C. Stevens, Manager, Fort Calhoun Station
- W. G. Gates, Supervisor, Operations
- J. L. Connolley, Supervisor, I&C and Electrical Field Maintenance
- L. J. Dugger, Reactor Engineer
- G. R. Peterson, Supervisor, Maintenance
- \*J. Fisicaro, Supervisor, Administrative Services
- \*R. L. Andrews, Section Manager, Operations
- \*W. C. Jones, Division Manager, Productions Operations
- \*T. L. Patterson, Licensing Administrator, Productions Operations

\*Denotes those attending exit interview.

The inspector also talked with and interviewed other licensee employees during the inspection. These employees included licensed and unlicensed operators, craftsmen, engineers 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 inspector's activities 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 Operations (LCO's).
  - (b) Observation to instrument and recorder traces for abnormalities.
  - (c) Verification of operator adherence to approved procedures.
  - (d) Verification of control room and shift manning.

- (2) Review of selected logs and records to obtain information on plant operations, trends, compliance with regulatory requirements, and assess the effectiveness of communication provided by these logs and records.
- (3) During the course of control room observations the inspector noted the alarm status of the control room annunciators. The alarm status was discussed with several licensed operators to determine the cause for the alarm conditions. The inspector determined as a result of these discussions that for the plant status these alarms were normal and the operating staff is cognizant of the cause for the alarms.

b. Inspection Activities Performed on a Weekly Basis

- (1) The operability of selected Emergency Safeguards Features (ESF) systems was verified by noting valve positions, breaker positions, instrumentation and the general condition of major systems components.
- (2) The licensee's equipment control was reviewed for proper implementation by performing the following inspection activities:
  - (a) Review of maintenance order log and tag-out log to determine the licensee's compliance with LCO's and Technical Specifications action statements.
  - (b) Verification of "return to operable status of selected safety-related components and systems."
- (3) The inspector toured accessible areas of the plant at various times during the inspection to determine and/or verify equipment conditions, plant conditions, security, safety and housekeeping. Observations included the following:
  - (a) General plant and equipment condition.
  - (b) Fire hazards.
  - (c) Control of combustible material.
  - (d) Fire watch postings and presence of fire watches when required.
  - (e) Physical security.

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

The Security organization was properly manned and security personnel were capable of performing their assigned tasks.

- Protected Area barriers were not degraded.
- Insolation Zones were clear.
- Vehicles were properly authorized, searched, and escorted or controlled within the protected area.
- Persons within the protected area displayed photo identification badges and persons requiring escort were properly escorted.
- Persons and packages were checked prior to entry into the protected area.

The inspector observed several shift turnovers and reviewed several shift turnover sheets.

No violations or deviations were identified.

3. Follow up on Violations and Open Items

a. Violation (8101-01)

The inspector identified a violation of the licensee's Radiation Protection Manual concerning the requirement that "Very High Radiation Area" access doors be locked when unattended.

The inspector reviewed the licensee's response, dated March 20, 1981, and has no further questions concerning this matter. This item is considered closed.

b. Violation (8101-03)

The inspector identified a violation of the licensee's Radiation Protection Manual concerning protective clothing requirements of Radiation Work Permits.

The inspector reviewed the licensee's response, dated March 20, 1981, and has no further questions concerning this matter. This item is considered closed.

c. Open Item (8101-02)

During the receipt of new fuel at Fort Calhoun Station, the licensee identified what appeared to be an out-of-tolerance condition in the Guide Tube Gap measurements of fuel bundle IA24. The licensee initiated Nonconformity Report (NR)#175 and requested Exxon Nuclear Company, Inc. (ENC) for information to resolve the matter.

The inspector has reviewed ENC's response and the licensee's actions in resolving the above Nonconformity Report. The inspector has no further questions concerning this matter. This item is considered closed.

4. Exit Interview

The inspector met with licensee representatives (denoted in paragraph 1) on April 3, 1981, to discuss the scope and findings of this inspection.