

APPENDIX

U. S. NUCLEAR REGULATORY COMMISSION
REGION IV

NRC Inspection Report: 50-285/85-21

License: DPR-40

Docket: 50-285

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

Facility Name: Fort Calhoun Station

Inspection At: Fort Calhoun Station, Blair, Nebraska

Inspection Conducted: September 1-30, 1985

Inspector: L. A. Yandell
L. A. Yandell, Senior Resident Reactor Inspector

1/24/86
Date

Inspector: R. A. Caldwell
R. A. Caldwell, Physical Security Specialist

1-24-86
Date

Approved: D. M. Hunnicutt
D. M. Hunnicutt, Acting Chief, Project Section B
Reactor Projects Branch

2/5/86
Date

Inspection Summary:

Inspection Conducted September 1-30, 1985 (50-285/85-21)

Areas Inspected: Routine, unannounced inspection of operational safety verification, surveillance testing, and allegation followup. The inspection involved 116 inspector-hours onsite by two NRC inspectors, of which 28 were offshift hours.

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

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DETAILS1. Persons Contacted

- *R. L. Andrews, Division Manager, Nuclear Production
- **W. G. Gates, Manager, Fort Calhoun Station
- *K. J. Morris, Manager, Quality Assurance
- *R. L. Jaworski, Section Manager, Technical Services
- *P. M. Surber, Section Manager, Generation Station Engineering
- *K. R. Henry, Test Engineer
- *J. J. Fisicaro, Supervisor, Nuclear Regulatory and Industry Affairs
- *J. K. Gasper, Manager, Administrative Services
- M. E. Kallman, Supervisor, Administrative Services & Security
- M. M. Bare, Nuclear Production Engineer
- R. L. Hyde, Supervisor, Mechanical Maintenance
- D. W. Dale, Senior QC Inspector

*Denotes attendance at the September 13, 1985, exit interview.

**Denotes attendance at the September 13 and October 16, 1985, exit interviews.

The NRC inspectors 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 NRC inspector performed activities as described below to ascertain that the facility is being maintained in conformance with regulatory requirements and that the licensee's management control system is effectively discharging its responsibilities during power operation.

- a. The NRC inspector made several control room observations to verify proper shift manning, operator adherence to approved procedures, adherence to selected Technical Specifications, and operability of the reactor protective system and engineered safeguards equipment. Selected logs, records, recorder traces, annunciators, panel indications, and switch positions were reviewed to verify compliance with regulatory requirements. The licensee's equipment control was reviewed for proper implementation by reviewing maintenance order status and the tag-out log, and by verifying selected safety-related tag-outs. The NRC inspector observed several shift turnovers.
- b. The NRC inspector toured the plant at various times to assess plant and equipment conditions. The following items were observed during these tours:

- . General plant conditions

- . Vital area barriers not degraded or appropriately manned by security personnel
 - . Adherence to requirements of radiation work permits (RWPs)
 - . Proper use of protective clothing and respirators
 - . Plant housekeeping and cleanliness practices including fire hazards and the control of combustible material
 - . Work activities being performed in accordance with approved activities
 - . Physical security
 - . HP instrumentation is operable and calibrated
- c. On September 28, 1985, the licensee shut down for a scheduled 11-week refueling outage. Major activities scheduled include reactor refueling, containment integrated leak rate test, SBM switch replacement, containment electrical penetration upgrade, HFA relay replacement, and electrical equipment upgrade program.
- d. The Maintenance Outage Team had an entrance meeting with the licensee on September 17, 1985, to start the outage design inspection phase of this NRC pilot program. The licensee was presented with a list of seven design change packages that the team wished to examine indepth.

No violations or deviations were identified.

3. Surveillance Testing

The NRC inspector witnessed portions of the following surveillance tests:

- a. ST-RPS-1, F.3 (Monthly) Power Range Safety Channels Test
- b. ST-RPS-6, F.2 (Monthly) Steam Generator Level Channels Test

In the above surveillance tests, the NRC inspector verified where applicable that:

- . Testing was scheduled in accordance with Technical Specification requirements
- . Procedures were being followed
- . Calibrated test equipment was being used

- . Qualified personnel were performing the tests
- . Limiting conditions for operation were being met
- . Test data were being accurately recorded

No violations or deviations were identified.

4. Allegation Followup

On June 8, 1984, an OPPD employee alleged that the management of OPPD had failed to take effective remedial actions in response to incidents of fighting, sleeping on the job, harassment of personnel, and intimidation of fellow employees that had occurred during the previous 5 years. The OPPD employee stated that these incidents had not been fully investigated or were dealt with inappropriately after having been reported and investigated. A formal statement was received by NRC Region IV personnel on August 2, 1984, and issued in final form on August 30, 1985, after transcription, review, and correction by all parties concerned.

Based on interviews conducted by the NRC inspectors with OPPD employees and the review of licensee records, it appears that the incidents of fighting, sleeping on the job, and harassment of personnel related to union matters did occur essentially as described by the OPPD employee in his statement. Each incident, of itself and isolated by location, was not considered by the NRC inspectors to be a safety concern that would have affected the safety and health of the public. The NRC inspectors drew the same conclusion when the incidents were evaluated collectively over the 5-year period.

5. Exit Interview

The NRC inspectors met separately with Messrs. W. G. Gates and R. L. Andrews on October 16, 1985, to discuss the allegation mentioned above. Although none of the incidents reviewed were evaluated to be a safety matter within the scope of NRC regulations, the NRC inspectors expressed concern that the licensee, by not taking stronger more positive actions regarding the incidents of the past five years, was creating an attitude of tolerance and permissiveness toward this kind of behavior that could lead to more serious incidents affecting the safety and health of the public. The NRC inspectors stated that OPPD's fitness for duty program appeared weak in the areas of behavior standards, the recognition of inappropriate actions, and the effective treatment of behavioral problems.

The NRC inspectors met with licensee representatives on September 13 and October 16, 1985, to summarize the scope and findings of the remaining portions of the inspection.