

APPENDIX

U.S. NUCLEAR REGULATORY COMMISSION
REGION IV

NRC Inspection Report: 50-285/86-12

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: May 12-16, 1986

Inspector:

M. E. Murphy
M. E. Murphy, Project Inspector
Project Section B, Reactor Projects Branch

6/11/86
Date

Approved:

D. R. Hunter
D. R. Hunter, Chief, Project Section B
Reactor Projects Branch

6/11/86
Date

Inspection Summary

Inspection Conducted May 12-16, 1986 (Report 50-285/86-12)

Areas Inspected: Routine, unannounced inspection of fire protection/prevention program and implementation.

Results: Within the one area inspected, no violations or deviations were identified.

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DETAILS

1. Persons Contacted

- D. Bannister, Training Instructor
- C. Baunnert, Operations Quality Assurance Supervisor
- *J. Fisicaro, Supervisor, Nuclear Reg. & Ind. Affairs
- J. Gass, Operations Training Supervisor
- *J. Gasper, Manager, Administrative Services
- *G. Gates, Manager, Fort Calhoun Station
- K. Henry, Plant Engineer
- *R. Jaworski, Section Manager, Tech. Services
- E. Madison, Training Instructor
- T. McIvor, Supervisor-Technical, Fort Calhoun

*Denotes those present during the exit interview on May 16, 1986.

2. Fire Protection/Prevention Program

This inspection was to determine that the licensee is implementing a program for fire protection and prevention that is in conformance with regulatory requirements, technical specifications, and industry guides and standards.

The NRC inspector reviewed the following procedures:

<u>No.</u>	<u>Title</u>	<u>Rev.</u>	<u>Date</u>
G-28	Station Fire Protection Plan	R8	02/12/86
G-58	Fire Barrier Protection	R2	12/04/85
O-38	Fire Watch Duties and Turnover Procedures	R1	08/05/83
M-9	Fire Prevention During Flame Cutting and Welding Operations	R9	03/11/86
G-6	Housekeeping	R13	06/27/83
G-22	Storage of Critical Element and Radioactive Material Packaging, Fire Protection Material, and Calibration Equipment	R14	12/17/85

This review verified that the licensee had technically adequate procedures to implement the fire protection program. Procedural guidance was provided to control combustibile material and reduce fire hazards.

Administrative procedures also provided for maintenance and surveillances on fire suppression, detection, and support equipment. Personnel training, qualifications, and responsibilities were adequately provided for. Maintenance evolutions that significantly increase fire risk were properly controlled.

The NRC inspector toured accessible areas of the plant site for general area condition, work activities in progress, and visual condition of fire protection systems and equipment. Combustible materials, flammable and combustible liquid, and gas usage were restricted or properly controlled in areas containing safety-related equipment and components. Items checked included positions of selected valves, fire barrier condition, hose stations, hose houses, halon systems lineups, fire lockers and fire extinguishers for type, location, and condition.

There was no welding, cutting, or use of open flame ignition sources found in the areas toured. General housekeeping conditions were found to be very good. There were no construction activities in progress in the toured areas.

Fire protection systems and equipment installed for protection of safety-related areas were found to be functional and tested in accordance with the requirements specified in the technical specifications. Fire brigade equipment, including emergency breathing apparatus, was found to be properly stored and maintained.

The NRC inspector also reviewed fire brigade training and drill records and reviewed the current roster of qualified brigade members. The records were in order and confirmed that training and drills are being conducted at the specified intervals.

SARC Audit No. 1-84, and ANI Triennial Audit of Fire Protection, dated April 11, 1984; Audit Report No. 25, Fire Protection Program, dated February 16, 1984, and; SARC Audit Report No. 1-86, were reviewed by the NRC inspector. The deteriorating flow data on the fire pumps has prompted the replacement of the pumps presently in progress. The issue of conducting a full discharge test on the halon systems has not been resolved.

There were no violations or deviations identified.

3. Exit Interview

An exit interview was conducted May 16, 1986, with those personnel denoted in paragraph 1 of this report. At this exit interview, the NRC inspector summarized the scope and findings of the inspection.