



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION IV
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TEXAS 76011-8064

November 1, 1999

S. K. Gambhir, Division Manager
Nuclear Operations
Omaha Public Power District
Fort Calhoun Station FC-2-4 Adm.
P.O. Box 399
Hwy. 75 - North of Fort Calhoun
Fort Calhoun, Nebraska 68023-0399

SUBJECT: NRC INSPECTION REPORT NO. 50-285/99-15

Dear Mr. Gambhir:

This refers to the inspection conducted on October 18-22, 1999, at the Fort Calhoun Station facility. The results were discussed with Mr. Gates, yourself, and other members of your staff. The enclosed report presents the results of this inspection.

The inspection was an examination of activities conducted under your license as they relate to inservice inspection, safety and to compliance with the Commission's rules and regulations and with the conditions of your license. Within these areas the inspection consisted of a selective examination of procedures and representative records, observations of activities, and interviews with personnel. Specifically, this inspection focused on reactor safety.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be placed in the NRC Public Document Room (PDR).

Should you have any questions concerning this inspection, we will be pleased to discuss them with you.

Sincerely,

/s/

Dr. Dale A. Powers, Chief
Engineering and Maintenance Branch
Division of Reactor Safety

Docket No.: 50-285
License No.: DPR-40

Enclosure:
NRC Inspection Report No.
50-285/99-15

cc w/enclosure:

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E-Mail report to D. Lange (DJL)
 E-Mail report to NRR Event Tracking System (IPAS)
 E-Mail report to Document Control Desk (DOCDESK)
 E-Mail report to Richard Correia (RPC)
 E-Mail all documents to Jim Isom for Pilot Plant Program (JAI)
 E-Mail all documents to Sampath Malur for Pilot Plant Program (SKM)

bcc to DCD (IE01)

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*Previously concurred

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ENCLOSURE

U.S. NUCLEAR REGULATORY COMMISSION
REGION IV

Docket No.: 50-285

License No.: DPR-40

Report No.: 50-285/99-15

Licensee: Omaha Public Power District

Facility: Fort Calhoun Station

Location: Fort Calhoun Station FC-2-4 Adm.
P.O. Box 399, Hwy. 75 - North of Fort Calhoun
Fort Calhoun, Nebraska

Dates: October 18-22, 1999

Inspector: Clifford Clark, Reactor Inspector
Engineering and Maintenance Branch

Accompanying
Personnel: Richard Deese, Reactor Inspector
Engineering and Maintenance Branch

Approved By: Dr. Dale A. Powers, Chief
Engineering and Maintenance Branch
Division of Reactor Safety

ATTACHMENT: Supplement Information

SUMMARY OF FINDINGS

Fort Calhoun Station
NRC Inspection Report 50-285/99-15

The report covers a 1-week period of inspection by a regional inspector.

Cornerstone: Initiating Events

- No findings.

Cornerstone: Barrier Integrity

- No findings.

1 REACTOR SAFETY

1R08 Inservice Inspection Activities

a. Inspection Scope

The inspector reviewed the Fort Calhoun Station 1999 Refueling Outage Inservice Inspection Program activities to verify that the program for monitoring degradation of reactor coolant system boundary was effective. As part of this review, the inspector:

- Reviewed a sample of the contractor (Raytheon Engineering & Constructor) non-destructive examination procedures, and examination personnel certification records.
- Reviewed the status of the "Third Ten Year Interval Inservice Inspection Program Plan," Revision 3A.
- Reviewed "Quality Assurance Audit Report No. 35, Inservice inspection and Inservice Testing Program," dated June 18, 1998, and "Quality Assurance Surveillance Report No. E1-99-1, Inservice Inspection and Inservice Testing Program," dated October 18, 1999.
- Reviewed a sample of completed 1999 Refueling Outage inservice inspection examination records.
- Reviewed a sample of condition reports issued for problems identified in the inservice inspection area during both the 1998 and 1999 refueling outages.
- Observed liquid penetrant and ultrasonic examinations performed on pressurizer relief and spray piping welds.
- Observed VT-3 visual examinations performed on Auxiliary Cooling System rigid pipe support-trunnion welds and Raw Water System pipe restraint-lug welds.
- Reviewed an in-process 1999 Refueling Outage ASME Boiler and Pressure Vessel Code, Section XI Code repair and replacement package prepared for Main Steam Bypass Valve HCV-1042C.
- Reviewed portions of a completed 1996 non-ASME Boiler and Pressure Vessel Code repair package, prepared for restraint welds installed on starting air receiver tanks associated with Diesel Generators DG-1 and DG-2.

Observations and Findings

Observed inservice inspection activities were adequate to monitor degradation of the reactor coolant system boundary. All observed inservice inspection weld examinations were performed in accordance with procedure instructions and the welds examined were

evaluated acceptable per the procedural acceptance criteria. There were no findings identified and documented during this inspection.

4OA5 Exit Meeting Summary

The inspector presented the inspection results to Mr. W. Gates and other members of licensee management at the conclusion of the inspection on October 22, 1999. The licensee's management acknowledged the findings presented. The licensee's management did not consider any material examined during the inspection proprietary.

ATTACHMENT

SUPPLEMENT INFORMATION

PARTIAL LIST OF PERSONS CONTACTED

Licensee

C. Bloyd, Supervisor, Component Testing
J. Chase, Division Manager, Nuclear Assessments
M. Core, Manager, System Engineering
M. Frans, Manager, Nuclear Licensing
S. Gambhir, Division Manager, Nuclear Operations
W. Gates, Vice President
P. Hamer, Inservice Inspection Administrator
W. Hansher, Supervisor, Station Licensing
G. Miller, Inservice Inspection Coordinator
R. Phelps, Division Manager, Nuclear Engineering
K. Saltzman, Authorized Nuclear Inservice Inspector
L. Schneider, Senior Quality Assurance Lead Auditor
R. Short, Assistant Plant Manager
J. Solymossy, Manager, Fort Calhoun Station
J. Spilker, Manager, Corrective Action Group
D. Spires, Manager, Quality Assurance, Quality Control
M. Tesar, Division Manager, Nuclear Services

NRC

V. Gaddy, Resident Inspector
L. Ricketson, Senior Radiation Specialist
M. Shannon, Senior Radiation Specialist
R. Wharton, Project Manager, Office of Nuclear Reactor Regulation
J. Wigginton, Senior Health Physicist, Office of Nuclear Reactor Regulation

LIST OF BASELINE INSPECTIONS PERFORMED

The following inspectable-area procedures were used to perform inspections during the report period. Documented findings are contained in the body of the report.

Inservice Inspection Activities

R08