



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION IV  
611 RYAN PLAZA DRIVE, SUITE 400  
ARLINGTON, TEXAS 76011-8064**

February 20, 2001

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: CORRECTION TO NRC INSPECTION REPORT 50-285/00-09**

The enclosure to this letter contains replacement pages for the subject inspection report. The original Attachment 1, page 1, incorrectly listed two green findings when the report actually documented only one. The enclosed replacement pages also correct the numbering of the items opened and closed in Section 4OA7 of the subject report. Please replace the original pages with the enclosed replacement pages. I regret any inconvenience this may have caused.

Sincerely,

**/RA/**

Charles S. Marschall, Chief  
Project Branch C  
Division of Reactor Projects

Docket: 50-285  
License: DPR-40

cc w/enclosure:  
Mark T. Frans, Manager  
Nuclear Licensing  
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

James W. Chase, Division Manager  
Nuclear Assessments  
Fort Calhoun Station  
P.O. Box 399  
Fort Calhoun, Nebraska 68023

Richard P. Clemens, Manager - Fort Calhoun Station  
Omaha Public Power District  
Fort Calhoun Station FC-1-1 Plant  
P.O. Box 399  
Hwy. 75 - North of Fort Calhoun  
Fort Calhoun, Nebraska 68023

James R. Curtiss  
Winston & Strawn  
1400 L. Street, N.W.  
Washington, D.C. 20005-3502

Chairman  
Washington County Board of Supervisors  
Washington County Courthouse  
P.O. Box 466  
Blair, Nebraska 68008

Cheryl K. Rogers, Program Manager  
Nebraska Health and Human Services System  
Division of Public Health Assurance  
Consumer Services Section  
301 Centennial Mall, South  
P.O. Box 95007  
Lincoln, Nebraska 68509-5007

Electronic distribution from ADAMS by RIV:

Regional Administrator (**EWM**)

DRP Director (**KEB**)

DRS Director (**ATH**)

Senior Resident Inspector (**WCW**)

Branch Chief, DRP/C (**CSM**)

Senior Project Engineer, DRP/C (**DPL**)

Branch Chief, DRP/TSS (**PHH**)

RITS Coordinator (**NBH**)

Jim Isom, Pilot Plant Program (**JAI**)

Sampath Malur, Pilot Plant Program (**SKM**)

Only inspection reports to the following:

Scott Morris (**SAM1**)

NRR Event Tracking System (**IPAS**)

FCS Site Secretary (**NJC**)

Dale Thatcher (**DFT**)

R:\\_FCS\FC2000-09RP Correction.wpd

RIV:PE:DRP/C	C:DRP/C			
WCSifre;df	CSMarschall			
/RA/	/RA/			
2/18/01	2/20/01			

OFFICIAL RECORD COPY

T=Telephone

E=E-mail

F=Fax

The inspector reviewed seven condition reports involving high radiation areas.

b. Findings

The licensee relied upon the recollection of historical facts by selected individuals rather than objective evidence during the problem resolution phase of Condition Report 2000-1989 (See Section 20S1).

4OA6 Exit Meeting Summary

- .1 The operator requalification inspectors presented the inspection results to Mr. S. Gambhir, Division Manager, Nuclear Operations Division, and other members of the licensee's management staff at an exit meeting on October 13, 2000. The licensee acknowledged the findings presented.
- .2 The radiation protection inspectors presented the inspection results to Mr. G. Gates, Vice President, Nuclear and other members of licensee management at the conclusion of the inspection on November 17, 2000. The licensee acknowledged the findings presented.
- .3 On November 21, 2000, the inspectors presented the resident inspection results during a meeting with Mr. Clemens and other members of your staff. The licensee acknowledged the findings as presented.

At all three exit meetings, the inspectors asked the licensee whether any materials examined during the associated part of the inspection should be considered proprietary. No proprietary information was identified.

4OA7 Licensee Identified Violations

The following findings were of very low significance, were identified by the licensee, and were in violation of NRC requirements. These items met the criteria of Section VI of NRC Enforcement Policy NUREG-1600 for being dispositioned as a noncited violation:

- .1 50-285/2009-02 10 CFR Part 50, Appendix B, Criterion III, Design Control, requires that measures be established to ensure verifying and checking of the adequacy of the design. On October 10, 2000, the licensee discovered that missing clamps on seismically supported electrical conduits above a safety-related cable tray on Diesel Generator 1 could have caused the loss of direct current control power to Diesel Generator 1, rendering it inoperable. This is described in the licensee's corrective action program as Condition Report 200001904.
- .2 50-285/2009-03 Technical Specification 5.8.1 requires procedures for the radiation work permit system. Section 3.4.3.D. of Procedure RPP, "Radiation Protection Plan," Revision 16,

states, in part, that an individual must comply with the requirements on a valid radiation work permit. On May 16, 2000, two radiation workers did not follow the radiological controls listed on Radiation Work Permit 00-1024, as described in the licensee's corrective action program, reference Condition Report 2000-0975.

.3 50-285/0009-04

Technical Specification 5.11.1 requires each high radiation area (as defined in 10 CFR 20.1601) in which the intensity of radiation is 1000 mrem/hr or less shall be barricaded and conspicuously posted as a high radiation area and entrance thereto shall be controlled by required issuance of a radiation work permit. A high radiation area in Room 59 was not barricaded and posted as a high radiation area for approximately 36 hours. After shutdown cooling was initiated on October 15, 2000, dose rates exceeded the threshold of a high radiation area. This item was documented in the licensee's corrective action program in Condition Report 2000-1989.

## ATTACHMENT 1

### KEY POINTS OF CONTACT

#### Licensee

M. Anderson, Technician, Radiation Protection  
J. Chase, Division Manager, Nuclear Assessment  
R. Clemens, Plant Manager  
M. Christensen, Technician, Radiation Protection  
D. Dryden, Engineer, Licensing  
M. Frans, Manager, Nuclear Licensing  
S. Gambhir, Division Manager, Nuclear Operations  
W. Gates, Vice President  
R. Hamilton, Manager, Chemistry  
R. Jaworski, Acting Manager, Licensing  
R. Juza, ALARA Technician, Radiation Protection  
B. Kindred, Supervisor, Security  
R. Phelps, Division Manager, Nuclear Engineering  
M. Puckett, Manager, Radiation Protection  
R. Reno, ALARA Supervisor, Radiation Protection  
R. Short, Assistant Plant Manager  
J. Skiles, Manager, Design Engineering  
J. Spilker, Manager, Corrective Action Group  
K. Steele, Supervisor, Radiation Protection Operations  
D. Weaver, Supervisor, Operations and Technical Training  
R. Westcott, Manager, Training  
C. Williams, ALARA Technician, Radiation Protection

### ITEMS OPENED, CLOSED, AND DISCUSSED

#### Opened and Closed During this Inspection

50-285/0009-01	FIN	Job dose exceeded projected ALARA estimates
50-285/0009-02	NCV	Diesel generator design control failure
50-285/0009-03	NCV	Failure to follow radiation work permit requirements
50-285/0009-04	NCV	Uncontrolled high radiation area