

APPENDIX

U. S. NUCLEAR REGULATORY COMMISSION
REGION IV

Report: 50-285/82-29

Docket: 50-285

License: DPR-40

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

Facility Name: Fort Calhoun Station (FCS)

Inspection At: Fort Calhoun Station, Blair, Nebraska

Inspection Conducted: November 15-19, 1982

Inspector: R. T. Redano 12-3-82
R. T. Redano, Reactor Inspector
Reactor Project Section A Date

Approved: T. F. Westerman 12-3-82
T. F. Westerman, Chief
Reactor Project Section A Date

W. D. Johnson 12/7/82
W. D. Johnson, Chief
Reactor Project Section C Date

Inspection Summary

Inspection Conducted on November 15-19, 1982 (Report 50-285/82-29)

Areas Inspected: Routine, unannounced inspection of QA and procurement programs and previously identified open and unresolved items. The inspection involved 29 inspector-hours by one NRC inspector.

Results: Within the areas inspected, no violations or deviations were identified. One new open item, 8229-01, was identified in the procurement area.

Details1. Persons Contacted

- J. Gass, Training Supervisor
- *P. Surber, Section Manager, GSE
- *G. Petterson, Maintenance Supervisor
- *T. Patterson, Licensing Administrator
 - A. Richard, Technical Supervisor
- *R. Jaworski, Technical Services Section Manager
 - R. Lisowyj, Operations QA Supervisor
- *R. Andrews, Operations Section Manager
 - B. Livingston, Manager of GSE Administrative Services
- *W. Jones, Production Operations Division Manager
 - L. Kopecky, Engineering Aide
- *F. Thurtell, Quality Assurance and Regulatory Affairs Division Manager
 - R. Mueller, Electrical Engineer

*Denotes presence at the exit interview conducted on November 19, 1982

2. Status of Previously Reported Open Items

(8211-03) The NRC inspector reviewed the licensee's QA audit schedule and determined that audits were being conducted as scheduled. This item is closed.

(8207-01) The NRC inspector examined Revision 5 to Fort Calhoun Training Manual (FCTM) Section 5.2.2.1 which specifies that STA's will receive simulator training. This item is closed.

(8202-03) The NRC inspector examined Revision 5 to FCTM Section 3.2.2.2.h which specifies that a written test will be administered for requalification lectures. This item is closed.

(8202-04) The licensee has updated the FCTM to reflect the current record keeping practices being employed. This item is closed.

(8202-06) The NRC inspector reviewed fire brigade personnel letters of certification contained in Tracking File 18-1-1. This item is closed.

(8134-02) The NRC inspector reviewed the safety-related design change orders (SRDCO) listed below and determined that the licensee appeared to be performing adequate safety reviews.

<u>SRDCO No.</u>	<u>Description of Change</u>
82-33	Installation of Reactor Vessel Level Monitoring System
82-57	Replacement of Accoustic Monitor Channel Converters
82-56	Refueling Machine Underwater TV System

This item is closed.

(8134-03) The NRC inspector reviewed the SRDCO's listed above and determined that Standing Order G-21, (station modification control) Revision 14 was being adhered to in issuing design change documents. This item is closed.

(8134-04) The licensee has issued Standing Order G-47 (control room drawings) Revision 1 on April 4, 1982. This item is closed.

(8018-01) The licensee has issued Standing Order C-5 (print files) Revision 1 on June 18, 1981. This item is closed.

(8019-01) The NRC inspector reviewed licensee Procedure ST-FP-3 Revision 2, issued November 16, 1982, which contains surveillance test procedures to meet Technical Specification requirements 3.15.2.c, 3.15.2.d.2, and 3.15.2.e. These requirements deal with flow testing and valve testing of the fire suppression system. The test procedure appeared adequate to meet the Technical Specification requirements. The NRC inspector also examined surveillance test Procedure ST-FP-9, issued on May 4, 1982, and determined that it provides a satisfactory inspection of the penetration fire barrier. It was noted by the NRC inspector that the licensee had deleted Technical Specification Section 3.15.3.6. This item is closed.

(8102-05) The NRC inspector verified that the licensee was maintaining a bank of questions in a locked, fireproof cabinet and using these questions to make up different RO and SRO requalification exams. The licensee was currently administering these exams on a 6-week schedule. The NRC inspector observed the licensee's proctoring of the requalification exams and determined it to be adequate. This item is closed.

(8018-02) The licensee has issued Standing Orders G-21 and C-5 to provide procedures for the handling of modification completion reports (MCR) and related drawings. This item is closed.

(8211-01) The NRC inspector reviewed a revision to licensee event report (LER) 82-003 which contained a complete description of the maintenance orders (MO) written to correct the equipment failure described in LER 82-003. The licensee produced documentation of the corrective maintenance work performed to correct the equipment failure described in LER 82-004. This item is closed.

(8211-02) The NRC inspector reviewed licensee Procedure QADP-3, Revision 0, issued August 12, 1982, entitled "Qualification, Training and Certification of Audit Personnel." This procedure removes the ambiguity that existed in QAP-18. The licensee informed the NRC inspector that the

training records of the QA staff would be transferred to FCS within a few months. The portion of this open item dealing with consolidation of auditor training records will be examined after the planned record transfer has taken place. The portion of this open item dealing with QAP-18 is closed. This item remains open.

3. Status of Previously Reported Unresolved Items

(8115-04) The licensee informed the NRC inspector that staffing additions have been made to the licensee's drafting staff and there were now 12 full time draftsmen employed by the licensee. These staffing additions appear adequate to meet the licensee's drawing update requirements. The NRC inspector reviewed the licensee's 1981 and 1982 drawing update records, noting the time period recorded between receipt of site completion report (SCR) and distribution of "As-Built" drawings. In over 80 percent of the cases reviewed, the licensee was not meeting his procedural requirement to update drawings in 6 weeks after modification completion. The major cause of delay in the drawing update process appeared to be the extended periods of time that SCR's are held for technical review by department managers.

The portion of this open item dealing with addition of draftsmen is closed. This item remains open.

4. QA Program

The NRC inspector examined the licensee's quality assurance manual and selected QA procedures to determine whether the scope of the licensee's QA program was sufficient to meet the requirements of 10 CFR 50 Appendix B. The licensee's present QA program appears to be adequate. The NRC inspector reviewed licensee Procedure QAP-A, Revision 0, issued August 4, 1982, entitled "QA Program Revision." This procedure provides adequate methods for implementing changes to the QA program. The QA procedure changes reviewed by the NRC inspector conformed to the QA program requirements.

No violations or deviations were identified in this section of the report.

5. Procurement

The NRC inspector examined the licensee's procurement program and associated procedures as described in the licensee's QA manual and purchasing manual.

The procedures examined provide adequate provisions for vendor inspection, approved supplier's list, engineering data, quality assurance data, 10 CFR 21 notice, and contract change. The purchase orders (PO) listed below were examined to evaluate their adherence to the licensee's procedural requirements.

<u>PO No.</u>	<u>Description of Items</u>
526016	Electrical Cable
526536	Bridge Rectifier for Radiation Monitor
526572	Reactor Coolant Pump Components
526566	HEPA Filter
527749	Cable Sleeve
527754	Structural Steel
528214	Smoke Detector
528242	Refueling Machine Circuit Board

The documentation associated with the above PO's conformed with the licensee's procedural requirements, except in the case of "Supplement #2 Change Notice" to PO 526572. In this instance, the licensee took exception to ANSI N45.2.2 in the areas of slinging, hoisting, and handling and failed to maintain documentation of the review of this change. The licensee informed the NRC inspector that it was commonplace for the vendor involved in supplying this PO to take exception to the aforementioned portions of ANSI N45.2.2 and that responsible procurement personnel at FCS were aware of this practice. This will remain an open item (8229-01) until the licensee properly documents review of this change to PO 526572.

No violations or deviations were identified in this section of the report.

6. Exit Interview

An exit interview was conducted on November 19, 1982, with those persons denoted in paragraph 1 of this report. At the interview, the NRC inspector discussed the findings indicated in the previous paragraphs. The licensee acknowledged these findings.

INSPECTOR'S REPORT
Office of Inspection and Enforcement

Redano, Richard T.

REVIEWER
Westerman, Tom F.

INSPECTORS

LICENSEE/VENDOR	TRANSACTION TYPE	DOCKET NO. (8 digits) OR LICENSE NO. (BY PRODUCT) (13 digits)	REPORT		NEXT INSP. DATE	
			NO.	SEQ.	MO.	YR.
Omaha Public Power District	X I - INSERT M - MODIFY D - DELETE R - REPLACE	05000285	8229	A		

PERIOD OF INVESTIGATION/INSPECTION						INSPECTION PERFORMED BY						ORGANIZATION CODE OF REGION/HQ CONDUCTING ACTIVITY (See IEMC 0530 "Manpower Reporting—Weekly Manpower Reporting" for code)		
FROM			TO			1 - REGIONAL OFFICE STAFF			OTHER			REGION		
MO.	DAY	YR.	MO.	DAY	YR.	2 - RESIDENT INSPECTOR						DIVISION		
11	15	82	11	19	82	3 - PERFORMANCE APPRAISAL TEAM						BRANCH		
												4		
												C		
												A		

REGIONAL ACTION (Check one box only)		TYPE OF ACTIVITY CONDUCTED (Check one box only)														
1 - NRC FORM 591		02 - SAFETY			06 - MGMT. VISIT			10 - PLANT SEC.			14 - INQUIRY					
2 - REGIONAL OFFICE LETTER		03 - INCIDENT			07 - SPECIAL			11 - INVENT. VER.			15 - INVESTIGATION					
		04 - ENFORCEMENT			08 - VENDOR			12 - SHIPMENT/EXPORT								
		05 - MGMT. AUDIT			09 - MAT. ACCT.			13 - IMPORT								

INSPECTION/INVESTIGATION FINDINGS (Check one box only)				TOTAL NUMBER OF VIOLATIONS AND DEVIATIONS				ENFORCEMENT CONFERENCE HELD				REPORT CONTAIN 2,790 INFORMATION				LETTER OR REPORT TRANSMITTAL DATE					
A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	MO	DAY	YR.	MO	DAY	YR.
X				0	0											DEC	16	1982			
1 - CLEAR				1 - YES				1 - YES				MO DAY YR. MO DAY YR.									
2 - VIOLATION																					
3 - DEVIATION																					
4 - VIOLATION & DEVIATION																					

MODULE INFORMATION														MODULE INFORMATION															
REC. ORD.	MODULE NUMBER INSP.				PRIORITY	DIRECT INSP. TIME FOR INSP. STAFF HOURS EXPENDED THIS INSPECTION	PERCENTAGE COMPLETED	TO DATE	STATUS	MODULE REQ. FOLLOWUP					REC. ORD.	MODULE NUMBER INSP.				PRIORITY	DIRECT INSP. TIME FOR INSP. STAFF HOURS EXPENDED THIS INSPECTION	PERCENTAGE COMPLETED	TO DATE	STATUS	MODULE REQ. FOLLOWUP				
TYPE	NUMBER	PHASE	MANUAL CHAPTER	PROCEDURE NUMBER						LEVEL	PHASE	MANUAL CHAPTER	PROCEDURE NUMBER	LEVEL	TYPE	NUMBER	PHASE	MANUAL CHAPTER	PROCEDURE NUMBER						LEVEL	PHASE	MANUAL CHAPTER	PROCEDURE NUMBER	LEVEL
B			307038		A	00	1						B																
B			927016		A	01	2						B																
B			387011		A	01	100		C				B																
B			357011		A	06	100		C				B																

* CIRCLE SEQUENCE IF VIOLATION OR DEVIATION