

APPENDIX B

U. S. NUCLEAR REGULATORY COMMISSION
REGION IV

NRC Inspection Report: 50-267/85-12

License: DPR-34

Docket: 50-267

Licensee: Public Service Company of Colorado (PSC)
P.O. Box 840
Denver, Colorado 80201

Facility Name: Fort St. Vrain Nuclear Station (FSV)

Inspection At: Platteville, Colorado

Inspection Conducted: April 15-19, 1985

Inspector:

M. E. Skow

M. E. Skow, Reactor Inspector
Special Projects and Engineering Section
Reactor Project Branch 1

5/3/85
Date

Approved:

R. E. Ireland

R. E. Ireland, Chief, Special Projects and
Engineering Section, Reactor Project Branch 1

5/7/85
Date

Inspection Summary

Inspection Conducted April 15-19, 1985 (Report 50-267/85-12)

Areas Inspected: Routine, unannounced inspection of maintenance with specific emphasis on the control rod refurbishment program. The inspection involved 36 inspector-hours onsite by one NRC inspector.

Results: Within the area inspected, one violation was identified (failure to follow procedures, paragraph 2).

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DETAILS

1. Persons Contacted

- *J. Gahm, Manager, Nuclear Power Operations
- *C. Fuller, Station Manager
- *F. Novachek, Technical/Administrative Services Manager
- D. Warembourg, Manager, Nuclear Engineering
- *L. Singleton, Manager, Quality Assurance (QA)
- *M. Ferris, Manager, QA Operations
- *F. Borst, Support Services Manager
- *M. Niehoff, Manager, Nuclear Site Engineering
- *T. Orlin, QA Service Manager
- *T. Prenger, QA Engineering Supervisor
- *R. Craun, Supervisor, Nuclear Site Engineering
- *G. Redmond, MQC Supervisor
- *D. Frye, Licensing Specialist
- *T. Schleiger, Health Physics (HP) Supervisor
- *G. Powers, Scheduling/Stores Supervisor

*Denotes those present at exit interview.

2. Maintenance

During this inspection, control rod refurbishment continued. CRDOAs 42 and 17 were completed and installed in the core, CRDOAs 39 and 16 were removed from the core and began to be refurbished. CRDOAs 11, 12, and 13 were in the process of being refurbished. CRDOA 17 failed the "moment" specification of its first in-core back EMF test. Several subsequent tests revealed performance sometimes just passing and sometimes just failing. The cause of this performance had not been identified during this inspection.

While inspecting some of the work procedures, the NRC inspector observed the following:

- The Authorization Sheet to Rework Task 1 of FHPWP-100-11 had not been filled out or signed by the shift manager and health physics prior to starting work. Step 11.0 of that Rework Task also was not signed by health physics.
- Task 42 of FHPWP-100-39 was completed without the health physics notification signature required in Step 42.0.

- Task 15 of FHPWP-100-39 was signed out at 5:00 a.m. on April 17, 1985, and was not signed in by the end of the shift as required by that procedure.

This is a violation. (50-267/8512-01)

3. Independent Inspection Effort

The NRC inspector found a marked "Fire Door" open. The door to the truck bay from level 5 of the reactor building was propped open by an air hose. No one was in the area. When notified, operators in the control room promptly directed the hose removed and the door shut. Other fire doors that were propped open were tagged with an "auxiliary system status card" in accordance with Administrative Procedure P-2, "Equipment Clearances and Operations Deviations."

This was considered an isolated incident. No violations or deviations were noted.

4. Exit Interview

An exit interview was held April 19, 1985, with Mr. J. W. Gahm, Manager, Nuclear Production, and other PSC personnel as denoted in paragraph 1 of this report. The NRC senior resident inspector also attended this meeting. At the meeting, the scope of the inspection and findings were summarized.