

U. S. NUCLEAR REGULATORY COMMISSION
OFFICE OF INSPECTION AND ENFORCEMENT
REGION IV

IE Inspection Report No. 50-267/79-13

Docket No. 50-267

License No. DPR-34

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

Facility: Fort St. Vrain Nuclear Generating Station

Inspection at: Fort St. Vrain Site, Platteville, Colorado

Inspection Conducted: July 10-13, 1979

Inspector: M. W. Dickerson 7/20/79
M. W. Dickerson, Reactor Inspector Date

Reviewed by: T. F. Westerman 7/20/79
T. F. Westerman, Chief, Reactor Projects Section Date

Inspection Summary

Inspection on July 10-13, 1979 (Report No. 50-267/79-13)

Areas Inspected: Routine, unannounced inspection of review of plant operations, maintenance, and follow-up on inspector identified and unresolved problems. The inspection involved twenty-nine (29) inspection-hours on-site by one (1) NRC inspector.

Results: Of the three (3) areas inspected, one (1) item of noncompliance was found during the review of plant operations (Infraction - failure to comply with procedural requirements - paragraph 4; and one (1) item of noncompliance was found during review of maintenance - failure to comply with procedural requirements - paragraph 5).

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DETAILS SECTION

1. Persons Contacted

G. Billings, Shift Supervisor Operations
*L. Brey, QA Manager
W. Franek, Results Supervisor
E. Hill, Superintendent of Operations
*T. Howard, Superintendent Operations QA
T. Kennedy, Results Technician
*F. Mathie, Operations Manager
J. Oliver, Shift Supervisor Operations
T. Orlint, QA Engineer
S. Shaefer, Reactor Operator
V. Tumbleson, Instrument Technician
*D. Warembourg, Manager Nuclear Production
G. Wiltscheck, Results Engineer

* Attended exit interview.

2. Licensee Action on Previous Inspection Findings

(Closed) Unresolved Item (50-267/79-03) PCRV Cooling Water Scan Functional Test. Surveillance Test SR 5.4.5-M was revised on March 26, 1979, to require the setpoint to be higher than the indicated flow. In addition, a deviation for the channels with indicated flow less than the flow setpoint for the period August 1978 to January 1979 was written and approved.

(Closed) Open Item (50-267/79-06) CWP 238 did not include modification work for LSL 91146. CWP 238 was revised on April 12, 1979, to include both LSL 91145 and LSL 91146.

(Closed) Open Item (50-267/79-08-1) Failure of Class I Hydraulic Snubbers. All Class I hydraulic snubbers were tested, repaired if necessary and replaced.

(Closed) Open Item (50-267/79-08-2) ACM Installation Incomplete. Installation of the ACM has been completed and its operation verified by functional testing.

(Closed) Open Item (50-267/79-08-3) Phase 3 Fire Protection Installation. Functional test 724 has been completed and the installation is operational.

3. Holdup Items for Greater Than 2% Power (50-267/79-12)a. Emergency Condensate Isolation Valves

The additional spring hangers and hydraulic snubbers have been installed on emergency feedwater condensate isolation valves V-2237 and V-2238.

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b. Phase III Fire Protection

See open item 79-08-3 above for status.

c. Hydraulic Snubbers

See open item 79-08-1 above for status.

4. Review of Plant Operations

A review of plant operations was conducted to ascertain whether facility operation was in conformance with the requirements established in Technical Specifications, 10 CFR, and administrative procedures, or licensee commitments discussed in correspondence to the Commission.

Included in the inspection were observation of control room activities, review of operational logs and records, and a tour of accessible areas. Logs and records reviewed included:

- Shift Supervisor Log (April 5 - July 11, 1979)
- Reactor Operators Log (April 5 - July 11, 1979)
- Technical Specification Compliance Log (March 19 - July 11, 1979)
- Surveillance Logs 1-3 (February 25 - June 30, 1979)
- Operating Order Book
- Form 1 Log ((jumper log)
- Plant Trouble Report

During the tour of accessible areas, particular attention was directed to the following:

- Monitoring Instrumentation
- Radiation Controls
- Housekeeping
- Fluid Leaks
- Piping Vibrations
- Hanger/Seismic Restraints
- Clearance Tags
- Annunciators
- Control Room Manning

The inspector also witnessed performance of surveillance test 4.1.3.2.b.M, Feedwater Flow Test.

During observations in the control room, on July 10, 1979, at 2:00 p.m., the inspector noted that Recorder XVI 4102-1 for the circulating water makeup storage pond was not inking. A check of the chart showed that it had not been inking since at least 10:00 p.m. on July 8, 1979, and that the chart

had not been date stamped on July 9, 1979. Additionally, no Plant Trouble Report (PTR) had been written, as required by ADM 28, to report that the recorder was not working properly.

On July 13, 1979 at 8:15 a.m. this same instrument, XVI 4102-1 was again observed not to be inking and a check of the chart showed that it had not been inking since 2:00 p.m. on July 12, 1979 and although it was dated properly at 12:00 p.m. on July 12, 1979, no PTR had been written as required.

On July 11, 1979, at 8:45 a.m., the blue pen which records PCRV surface temperature of instrument TR 4637 was observed not to be inking. A check of the chart indicated that the pen had not been inking since 2:00 p.m. on July 10, 1979, had been date stamped at 12:00 p.m. on July 10, 1979, but no PTR had been written as required.

Technical Specification AC7.4.a requires in part that, "Written Procedures shall be established, implemented and maintained. . . ." and Administrative Procedure No. 28 for Data Logs, Data Sheets and Charts, Section 3.2 states that a responsible person shall check the charts or recorders at least once per shift to be sure that the recorders are inking and that at midnight they are to stamp each chart with a new date and if the recorder is not working properly, write a Plant Trouble Report. Contrary to these requirements, the charts were apparently not checked for inking as required, PTR's were not written as required and in one instance the chart was not dated as required. The failure to fulfill these requirements were discussed with the licensee at which time it was pointed out that this was an apparent item of nonconformance for failure to follow procedures and was considered an infraction.

During the inspector's review of data logs, data sheets and charts the inspector determined that the temperature readings of all the fuel storage wells were not taken at the times and dates as follows, nor were any reasons given on the data sheets for omission of the readings.

3/31/79	1400
6/10/79	1600, 1800, 2000, 2200
6/14/79	0600, 0800, 1000, 1200, 1400
6/26/79	1400

Technical Specification AC7.4a requires in part that "Written Procedures shall be established implemented and maintained" and Administrative Procedure No. 28, Section 2.3 requires that the person responsible for taking data shall take the data at specified intervals unless specifically exempted by an operations order and that all log sheets are to be completed (dates, times, names, etc.) by the operator unless specifically exempt by an operations order.

The Operations Order for System 14 dated March 26, 1979, states that "Readings of temperatures of all fuel storage wells shall be taken at such times as indicated by the attached log anytime there is new fuel or irradiated fuel in the storage wells. Log the temperature and initial in appropriate columns."

Contrary to the above requirements, no data was taken for the dates and times specified, nor were they exempted by an operations order. The failure to log this data was discussed with the licensee who was informed that this was an apparent item of nonconformance for failure to follow procedures and was considered an infraction.

The inspector had no additional questions in this area.

5. Maintenance

The inspector reviewed selected maintenance activities to determine that these activities met acceptable maintenance practices, the licensee's applicable administrative and maintenance procedures, and were in accordance with Technical Specifications.

The activities reviewed were as follows:

PTR 5-908	Repair of V-11752
PTR 5-823	Repair of V-11677
PTR 5-511	Removal of M-11701 to Verify Proper Distance Between Rupture Diaphragm and Cutter
PTR 5-105	Repair or Replace Bistable Board A3 0 counterclockwise limit Bistable
PTR 4-592	Repair Switch for H-1302
PTR 2-316	Perform Annual Inspection of H-1402
PTR 1-201	Perform Work Described in CN 4387

During review of the data package for PTR 5-908 it was determined that item 9.6.2 on page 1 of MP-4 and all of page 2 of MP-4, Repair and Modification of Velan Globe Valves, had been left blank. Item 9.6.2 is "Tack Welds Replaced", and page 2 contains space for completing a listing of tools and equipment that require calibration, materials utilized for cleaning, purchase orders and bulk materials and an inspection report. A review of the PTR indicated that the tack welds had been replaced and that an inspection had been made, however, this was not indicated in the appropriate sections of MP-4 nor were there any indications that the information was not applicable.

Technical Specification AC7.4.a requires in part that, "Written procedures shall be established, implemented and maintained. . . ." and Administration Procedures No. 12 for Maintenance and Repair Procedures, Section 5.1.3(10)f states that

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work/test instructions include the following instruction to personnel performing work and/or tests, "Sign off, where applicable, all records and data sheets. Indicate not applicable (N/A) on all sign off blanks associated with steps that were not required to complete the necessary repairs."

The failure to comply with these requirements as indicated above were discussed with the licensee who was informed that this was an apparent items of non-conformance for failure to follow procedures and was considered an infraction.

The inspector had no additional questions this area.

6. Exit Interview

An exit interview was conducted with representatives of the licensee on July 13, 1979, at the conclusion of the inspection. At the interview, the inspector discussed the findings indicated in the previous paragraphs. The licensee acknowledged these findings.