

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

REGION IV

IE Inspection Report No. 50-267/80-19

License No. DPR-34

Docket No. 50-267

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

Facility Name: Fort St. Vrain Nuclear Generating Station

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

Inspection conducted: September 1-30, 1980

Inspectors:

T. F. Westerman for
M. W. Dickerson, Senior Resident Reactor Inspector

10-10-80
Date

T. F. Westerman for
R. E. Collins, Resident Reactor Inspector

10-10-80
Date

Approved by:

T. F. Westerman
T. F. Westerman, Chief, Reactor Projects Section No. 1

10-10-80
Date

Inspection Summary

Inspection conducted on September 1-30, 1980 (Report No. 50-267/80-19)

Areas Inspected: Routine, announced inspection of follow-up on inspector identified problems, unresolved items; follow-up on previous items of non-compliance; surveillance; maintenance; operational safety verification; review of periodic and special reports; and review IE Bulletins/Circulars. The inspection involved 134 inspector-hours on site by two (2) NRC inspectors.

Results: With the seven (7) areas inspected, no items of noncompliance were identified.

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(Closed) Item of Noncompliance (50-267/8014-02): Records to Indicate Calibrations Performed by Qualified Personnel. The licensee has certified the subject individuals to be qualified based on training and experience. Additionally, the training program has been revised to include records of qualification training.

3. Operational Safety Verification

The inspector reviewed licensee activities to ascertain that the facility is being operated safely and in conformance with regulatory requirements, and that the licensee's management control system is effectively discharging its responsibilities for continued safe operation. The review was conducted by direct observation of activities, tours of the facilities, interviews and discussions with licensee personnel, independent verification of safety system status and limiting conditions for operations, and review of facility records.

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

- . Shift Supervisor Logs
- . Reactor Operator Logs
- . Equipment Operator Logs
- . Auxiliary Operator Logs
- . Technical Specification Compliance Logs
- . Operations Order Book
- . System Status Log
- . Form 1 Log (Jumper Log)
- . Plant Trouble Reports

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

- . Monitoring Instrumentation
- . Radiation Controls
- . Housekeeping

- . Fluid Leaks
- . Piping Vibrations
- . Hanger/Seismic Restraints
- . Clearance Tags
- . Fire Hazards
- . Control Room Manning
- . Annunciators

The operability of selected systems or portions of systems were verified by walkdown of the accessible portions. Observed was the Helium Purification System. Procedures were also reviewed and implementation observed for Technical Services Procedure No. 13 Decay Heat Calculations and Core Management Guide No. 4.

No items of noncompliance or deviations were identified.

4. Maintenance (Monthly)

The inspectors reviewed records and observed work in progress to ascertain that the following maintenance activities were being conducted in accordance with approved procedures, Technical Specifications and appropriate Codes and Standards:

PTR 5-148, PDIS-21397

PTR 6-208, V-21298, Leaks Through

PTR 7-262, Air Breaker 100/101-Electrical Testing

PTR 7-257, PV-22167, Valve Leaks to Atmosphere

PTR 7-256, PV-22168, Pilot Valve Leaks to Atmosphere

PTR 6-364, Reroute and Replace Tubing to Reactor Building Louver

No items of noncompliance or deviations were identified.

5. Surveillance (Monthly)

The inspector reviewed all aspects of surveillance testing involving safety-related systems. The review included observation and review relative to Technical Specification requirements. The surveillance tests reviewed and observed were:

SR 5.3.1-M, Steam Water Dump Tank Level Indication Functional Test

SR 5.3.1-Q, Steam Water Dump Valves Test

SR 5.2.1a-A, PCRV Rupture Disk/Safety Valve

SR 5.2.9-A, Helium Circulator Bearing Water Accumulator Calibration

SR 5.4.1.2.7d-R, Superheat Header Temperature Calibration

SR 5.4.5-A2, PCRV Cooling Water Flow Scan Calibration

No items of noncompliance or deviations were identified.

6. IE Bulletins/Circulars

The inspectors verified by record review, observation and discussion with representatives of the licensee, the action taken in response to IE Bulletins/Circulars.

The following bulletins were reviewed:

80-19, Failures of Mercury-Wetted Matrix Relays in Reactor Protective Systems of Operating Nuclear Power Plants Designed by Combustion Engineering. The licensee has determined that C. P. Clare Model HG2X-101a Mercury-wetted relays are not used in the Fort St. Vrain RPS.

80-20, Failures of Westinghouse Type W-2 Spring Return to Neutral Control Switches. The licensee has determined that Westinghouse Type W-2 Spring return to neutral control switches are not installed in safety-related applications at Fort St. Vrain.

No items of noncompliance or deviations were identified.

7. Report Reviews

The inspectors reviewed the following reports for content, reporting requirements and adequacy:

- a) The sixteenth startup report for Fort St. Vrain for the period May 23, 1980 through August 22, 1980.
- b) The Monthly Operations Reports for the months of June, July and August 1980.

- c) The Environmental Radiation Surveillance Program-Summary Report,
First and Second quarters 1980.

No items of noncompliance or deviations were identified.

8. Exit Interviews

Exit interviews were conducted at the end of various segments of this inspection with Mr. D. Warembourg (Manager, Nuclear Production) and/or other members of the Public Service Company staff. At the interviews, the inspectors discussed the findings indicated in the previous paragraphs. The licensee acknowledged these findings.