

APPENDIX

U.S. NUCLEAR REGULATORY COMMISSION
REGION IV

NRC Inspection Report: 50-267/88-02

Operating License: DPR-34

Docket: 50-267

Licensee: Public Service Company of Colorado (PSC)
2420 W. 26th Avenue, Suite 15c
Denver, Colorado 80211

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

Inspection At: FSV, Platteville, Colorado

Inspection Conducted: January 25-29, 1988

Inspector: Charles C. Hackney 2-19-88
C. A. Hackney, Emergency Preparedness
Specialist, Nuclear Materials and Emergency
Preparedness Branch Date

Approved: William L. Fisher 2-22-88
W. L. Fisher, Chief, Nuclear Materials and
Emergency Preparedness Branch Date

Inspection Summary

Inspection Conducted January 25-29, 1988 (Report 50-267/88-02)

Areas Inspected: Routine, unannounced inspection of changes to the emergency plan, shift staffing and augmentation, knowledge and performance of duties, and operational status of the emergency preparedness program.

Results: Within the areas inspected, no violations or deviations were identified.

DETAILS1. Persons ContactedLicensee

- *R. Williams Jr., Vice President, Nuclear Operations
- *C. Fuller, Station Manager
- *D. Warembourg, Manager, Nuclear Engineering
- *P. Tomlinson, Manager, Quality Assurance
- *F. Borst, Nuclear Training Manager
- *O. Lee III, Quality Assurance Technical Auditing
- M. Denniston, Shift Supervisor
- G. Tillman, Health Physics Technician
- G. Moore, Shift Supervisor
- P. Glahn, Health Physics Technician
- R. Shafer Jr., Shift Supervisor

Others

- *P. Michaud, Resident Inspector

*Denotes attendance at the exit interview.

2. Follow-up on Previous Inspection Finding

(Closed) Violation 267/8615-01: The NRC inspector determined by record review that key emergency response personnel had received training before being assigned an emergency preparedness organization position. The licensee now requires personnel to receive appropriate training before being assigned an emergency response organization function.

3. Changes to the Emergency Plan (82204)

The NRC inspector reviewed the documents listed below, toured the onsite emergency response facilities, and interviewed licensee representatives to determine if changes had been made to the emergency preparedness program since the last NRC inspection and to note how these changes affected the overall state of emergency preparedness as required by 10 CFR 50.54(q).

Document Reviewed:

Station Emergency Organization

The NRC inspector determined that the Document Control records showed changes to the Plan had been controlled in accordance with the requirements of 10 CFR 50.54(q), and appropriate personnel and organizations were sent copies of the Plan and procedural changes as required.

The NRC inspector discussed the following observation with the licensee during the exit interview.

- o The licensee should consider periodic review of the training guides to ensure that the guides are kept current with the Radiological Emergency Response Procedures (RERPs).

No areas were noted where the licensee failed to meet the requirement.

No violations or deviations were identified in this program area.

4. Shift Staffing and Augmentation (82205)

The NRC inspector reviewed the documents listed below and interviewed licensee representatives to determine that shift staffing for emergencies was adequate in numbers and in functional capability. Additionally, to determine that administrative and physical means were available and maintained to augment the emergency organization timely. (10 CFR 50.47(b)(2) and NUREG-0654, Table B-1). No areas were noted where the licensee failed to meet the requirement.

Documents Reviewed:

RERP - Control Room
RERP - Technical Support Center

The NRC inspector discussed the following observations with the licensee during the exit interview.

- o The licensee should consider conducting an unannounced emergency facility augmentation drill in the very near future and periodically thereafter.

No violations or deviations were identified in this program area.

5. Knowledge and Performance of Duties (82206)

The NRC inspector reviewed the documents listed below and interviewed licensee representatives to determine whether emergency response personnel understood their emergency response roles and could perform their assigned functions in accordance with the requirements of 10 CFR 50.47(b)(1). Five simulated emergency walk-throughs were conducted with five emergency response personnel.

Documents Reviewed:

RERP, Control Room
RERP, Technical Support Center
FSV Project Personnel Training and Qualification Programs
Training Procedure - Radiological Emergency Plan (TP-RERP)
Response to Emergencies (PT 004.03)

RERP Overview (PT 007.02)
 RERP Communications - Administrative (PT 026.00)
 Selected emergency response personnel training records

The NRC inspector determined that a formal emergency training program had been established. Randomly selected names of 21 emergency response team members were reviewed to determine if personnel had received required training. Personnel had received training in the time specified by the licensee.

The NRC inspector observed during the walk-throughs that most selected personnel demonstrated adequate understanding of their emergency roles and performed assigned functions satisfactorily. One shift supervisor appeared weak in emergency classification and notification. Additionally, health physics personnel had not received training in the emergency response facilities environmental control systems, shielding, radiological monitoring system, and filter controls.

The NRC inspector selected and reviewed three instructor RERP training guides. The guides were not current with the RERP. No areas were noted where the licensee failed to meet the requirement.

The NRC inspector discussed the following observations with the licensee during the exit interview.

- ° The licensee should consider revising training procedures so that each procedure states the same training requirement; e.g., G.7 states annual +25 percent and TP-Training Procedure Administrative (TPAM) states annual.
- ° The licensee should consider reviewing notification procedure PT 004.03 B. The procedure should be consistent with regulatory requirements. Additionally, the licensee should consider making notification statements consistent throughout the procedure.
- ° The licensee should consider including emergency response facility information in routine health physics training.

No violations or deviations were identified in this program area.

6. Operational Status of the Emergency Preparedness Program (82701)

The NRC inspector interviewed licensee representatives to determine whether emergency response personnel understood their emergency response roles and could perform their assigned functions in accordance with the requirements of 10 CFR 50.47(b)(1).

The NRC inspector selected at random and interviewed five licensee personnel. The selected individuals had received licensee required

training. Additionally, the personnel were aware of their individual responsibilities. No areas were noted where the licensee failed to meet the requirement.

No violations or deviations were identified in this program area.

7. Inspector Observation

An NRC inspector observation is a matter discussed with the licensee during the exit interview. Observations are neither violations, deviations, nor unresolved items. They have no specific regulatory requirements, but are suggestions for the licensee's consideration. Observations are identified in paragraphs 3, 4, and 5 of this report.

8. Exit Interview

The NRC inspector met with the NRC resident inspector and licensee representatives denoted in paragraph 1 on January 29, 1988, and summarized the scope and findings of the inspection as presented in this report. The licensee committed to provide the shift supervisor, appearing weak in the area of emergency classification and notification, with additional training during the week of February 8, 1988. Additionally, health physics training would be modified to include information relating to the Technical Support Center environmental controls and facility information.