

APPENDIX A  
NOTICE OF VIOLATION

Public Service Company of Colorado  
Ft. St. vrain Nuclear Station

Docket: 50-267/84-20  
License: DPR-34

Based on the results of an NRC inspection conducted during the period of July 31, 1984, and in accordance with the NRC Enforcement Policy (10 CFR Part 2, Appendix C), 49 FR 8583, dated March 8, 1984, the following violations were identified:

A. Effluent Release To Unrestricted Areas

Technical Specification ELC0 8.1.2.a requires that the maximum instantaneous release rate of radioactive liquid effluent from the site shall be such that concentrations of radionuclides in the cooling tower blowdown do not exceed the values specified in Appendix B to 10 CFR Part 20.

Contrary to the above, between 0200 hours on July 19, 1984, and 15:40 hours on July 20, 1984, total concentrations of radionuclides in liquid effluents released from the reactor building sump to unrestricted areas exceeded Technical Specification limits by a factor of 2.47.

This is a Severity Level IV Violation. (Supplement I) (267/8420-01)

B. Effluent Monitoring Instrumentation

Technical Specification ELC0 8.1.3.d states: "All liquid effluents released from the reactor building sump shall be continuously monitored by two activity monitors and their associated recorder. Equipment shall be operable to automatically terminate the release on high specific activity or low cooling water flow."

Contrary to the above, the liquid effluent monitors did not terminate the release on July 20, 1984, which exceeded Technical Specification limits.

This is a Severity Level IV Violation. (Supplement I) (267/8420-02)

C. Notifications

10 CFR Part 50.72 requires that each nuclear power reactor licensee shall notify the NRC Operations Center within 4 hours of any event of liquid effluent releases that exceeds two times the combined maximum permissible

concentrations for all radionuclides except tritium and dissolved noble gases, when averaged over a time period of 1 hour.

Contrary to the above, certain licensee personnel were aware that technical specification limits had been exceeded for liquid effluents the afternoon of July 24, 1984, regarding a release made on July 19 and 20, 1984; however, the NRC was not notified until 1615 hours on July 26, 1984, that concentrations of unknown beta activity had exceeded Technical Specification limits by a reported factor of 2.24.

This is a Severity Level IV Violation. (Supplement I) (267/8420-03)

Pursuant to the provisions of 10 CFR 2.201, Public Service Company of Colorado is hereby required to submit to this office, within 30 days of the date of this Notice, a written statement or explanation in reply, including: (1) the corrective steps which have been taken and the results achieved; (2) corrective steps which will be taken to avoid further violations; and (3) the date when full compliance will be achieved. Consideration may be given to extending your response time for good cause shown.

Dated:           AUG 31 1984