

APPENDIX B  
NOTICE OF DEVIATION

Public Service Company of Colorado  
Fort St. Vrain Station

Docket: 50-267/83-24  
License: DPR-34

Based on the results of an NRC inspection conducted during the period of August 2, 1983, and in accordance with NRC Enforcement Policy (10 CFR Part 2, Appendix C), 47 FR 9987, dated March 9, 1982, the following apparent deviation was identified.

Deviation From Good Construction Practices

The licensee has apparently deviated from good acceptable construction practices for placement of concrete during placement of Building 10-W-4800-6-015. Several examples are listed below:

- a. ACI 304, Section 9.7 states, in part, "For pumped concrete, it frequently is desirable to sample at both the point of delivery to the pump and the point of discharge from the line and perform correlation testing to determine if any significant changes in slump, air content, and other mix characteristics are occurring."

Contrary to the above, no correlation tests were taken at point of placement.

- b. ACI 311 recommends proper lighting and equipment for placing of concrete.

Contrary to the above, there was insufficient lighting for placement of concrete, and there were only two vibrators available.

- c. ACI 304, Section 10.2 recommends the so called "green cut" cleanup is a good method for preparing an inferior joint such as a cold joint.

Contrary to the above, the south wall of Building 10 contained a cold joint that was not discovered until the forms were removed.

The basis for the deviations from Specification 75-J-02 and ANSI 45.2.5 is because of the term "small concrete quantities," as specified in the FSAR. "Small concrete quantities" is not clearly defined in the FSAR.

These examples illustrate that the licensee deviated from good construction practices as recommended by industry codes and standards.  
(50-267/8324-03)

Public Service Company of Colorado is hereby requested to submit to this office, within 30 days of the date of this Notice of Deviation, 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 deviation from commitments made to the Commission; and (3) the date when full compliance will be achieved. Consideration may be given to extending your response time for good cause shown.

Dated: \_\_\_\_\_

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