NRC FOR	M 366 U. S. NUCLEAR REGULATORY COMMISSION
(5.77)	LICENSEE EVENT REPORT
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	REPORT LG 0 5 0 0 0 2 6 7 0 0 9 1 9 7 7 8 0 8 1 9 8 3 9 SOURCE 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80
0 2	As the result of review of seismic systems and equipment that was performed following
0 3	discussions with the Nuclear Regulatory Commission in May, 1976, errors were found in
0 4	the supports of portion of Class I, two inch and under piping. Errors identified
0 5	fell into the following general categories: 1) Missing hangers, 2) Improper
06	hangers, 3) Improper hanger location, 4) System not like drawing. This event is
0 7	reportable per Fort St. Vrain Technical Specification AC 7.5.2(b)3. No accompanying
08	occurrence. No affect on public health or safety. No similar Reportable Occurrences.
7 8	9 SYSTEM CAUSE CAUSE SUBCODE COMPONENT CODE SUBCODE SUBCODE SUBCODE SUBCODE SUBCODE COMPONENT CODE SUBCODE SU
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	systems was identified as inadequate implementation of the Quality Assurance program
	during the construction phase. An extensive program was initiated to identify,
	evaluate, and correct inconsistencies and update associated documents. The program
	was completed in March. 1983. No further corrective action is anticipated or required.
7 8	9 FACILITY (30) METHOD OF (22)
1 5	STATUS SPOWER OTHER STATUS OF DISCOVERY DISCOVERY DESCRIPTION (32)
1 6 7 8	AMOUNT OF ACTIVITY (35) Z (33) Z (34) N/A PERSONNEL EXPOSURES AMOUNT OF ACTIVITY (35)
1 7 7 8	PERSONNEL INJURIES
1 8	
1 9 7 8	LOSS OF OR DAMAGE TO FACILITY (43) TYPE DESCRIPTION 2 (42) N/A PUBLICITY PUBLICITY ISSUED - DESCRIPTION (45) B308290328 B30819 PDR ADDCK 05000267 PDR ADDCK 050000267 PDR ADDCK 0500000000000000000000000000000000000
2 0	N Image: Marcon and State

REPORT DATE: August 19, 1983 OCCURRENCE DATE: September 19, 1977 REPORTABLE OCCURRENCE 77-34 ISSUE 1 Page 1 of 3

FORT ST. VRAIN NUCLEAR GENERATING STATION PUBLIC SERVICE COMPANY OF COLORADO 16805 WELD COUNTY ROAD 19 1/2 PLATTEVILLE, COLORADO 80651-9298

REPORT NO. 50-267/77-34/03-X-1

Final

IDENTIFICATION OF OCCURRENCE:

On September 19, 1977, a number of errors were found in the seismic supports for portions of Class I, field run, two inch and under piping systems. This event has been identified as a reportable occurrence in accordance with Fort St. Vrain Technical Specification | AC 7.5.2(b)3.

EVENT DESCRIPTION:

| As the result of a review of seismic systems and equipment that was performed following discussions with the Nuclear Regulatory Commission in May, 1976, it was necessary to review the piping system support design for those portions of systems or equipment that were revised from Class II to Class I status. This revision from Class II to Class I resulted in field checking approximately 500 isometric drawings that defined the affected portions of two inch and under piping systems in the plant. These isometric drawings serve as the basis for Fort St. Vrain piping seismic certification. The results of the field check of these 500 isometric drawings indicated that in addition to the piping support revisions required because of Class I boundary extensions, other errors in the supports of the existing Class I portions of the piping systems also existed. The errors I identified fell into the following general categories:

- 1) Missing hangers
- 2) Improper hangers used in the installation
- 3) Hangers not located in the proper location
- System piping configuration did not agree with the isometric drawings

CAUSE DESCRIPTION:

The cause of the errors in seismic support for some Class I, two inch | and under piping systems was identified as inadequate implementation of the Quality Assurance Program during the construction phase.

REPORTABLE OCCURRENCE 77-34 ISSUE 1 Page 2 of 3

CORRECTIVE ACTION:

An extensive program was instituted to evaluate the seismic supports of Class I, two inch and under piping and to provide corrective action as required. The program, entitled "Fort St. Vrain Seismic Piping Redocumentation Program", included drafting, quality assurance verification, analytical analysis, craft actions, distribution of final drawings and analytical packages, and document update packages, was completed and considered closed by Public Service Company of Colorado in March, 1983.

| No further corrective action is anticipated or required.

REPORTABLE OCCURRENCE 77-34 ISSUE 1 Page 3 of 3

Prepared By:

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