



Public Service Company of Colorado

16805 WCR 19 1/2, Platteville, Colorado 80651

50-267

June 27, 1983
Fort St. Vrain
Unit #1
P-83227

U. S. Nuclear Regulatory Commission
Documents Control Desk
Washington, D.C. 20555

Gentlemen:

Attached for reproduction and distribution, please find one copy of the Public Service Company of Colorado response to IE Bulletin 83-03 previously submitted to Mr. John T. Collins of the USNRC in Region IV.

Very truly yours,

Don Warembourg by Mill McBride

Don Warembourg
Manager, Nuclear Production

DWW/dkh

Attachment

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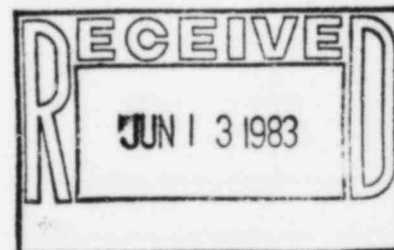
PUBLIC SERVICE COMPANY OF COLORADO

P. O. BOX 840 - DENVER, COLORADO 80201

OSCAR R. LEE
VICE PRESIDENT

June 8, 1983
Fort St. Vrain
Unit No. 1
P-83201

50-267



Mr. John T. Collins, Regional Administrator
Region IV
Nuclear Regulatory Commission
611 Ryan Plaza Drive
Suite 1000
Arlington, Texas 76011

Docket No. 50-267

Subject: IE Bulletin No. 83-03

Dear Mr. Collins:

The following is a summary of the actions taken by Public Service Company of Colorado (PSC) in response to IE Bulletin No. 83-03 regarding check valve failures in raw water cooling systems of diesel generators.

- (1) In response to "Required Action No. 1", Public Service Company has included in the annual preventative maintenance program at Fort St. Vrain an inspection of the check valves in both the service water and emergency fire water supplies to the cooling systems of both emergency diesel generators. Please note that there are no check valves in the discharge of these systems meeting the criteria stated in the bulletin.
- (2) In response to "Required Action No. 2", an integrity verification procedure was prepared for disassembling the check valves and inspecting the valve internals. This procedure has been incorporated into the annual preventive maintenance program referred to in (1) above.
- (3) Public Service Company has already performed the initial valve integrity verification procedures in response to "Required Action No. 3". See (5) below for the results of this test.

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- (4) In response to Required Action No. 4", Public Service Company submits the following:

- (a) The valves included in the annual preventative maintenance program referred to in (1) above are listed below.

| <u>Valve No.</u> | <u>Description</u> |
|------------------|-----------------------------------|
| V-42815 | Service Water Supply To Engine 1A |
| V-45813 | Fire Water Supply To Engine 1A |
| V-42816 | Service Water Supply To Engine 1B |
| V-45814 | Fire Water Supply To Engine 1B |
| V-42813 | Service Water Supply To Engine 1C |
| V-45811 | Fire Water Supply To Engine 1C |
| V-42814 | Service Water Supply To Engine 1D |
| V-45812 | Fire Water Supply To Engine 1D |

- (b) The valve integrity verification procedure referred to in (2) above involves the disassembly of each valve listed in (4)(a) above and the inspection of each for wear, damage, freedom of movement, corrosion and scaling, correct installation, and component retention. Any deficiencies observed during inspection are repaired and reported to plant management prior to returning the systems to an operable status.

- (c) There were no known failures of the valves listed in (4)(a) above prior to the performance of the initial valve integrity verification summarized in (5) below.

- (5) In response to "Required Action No. 5", Public Service Company submits the following:

- (a) On May 12, 1983 and May 16, 1983, initial valve integrity verifications were performed as described in (4)(b) above. The "As Found" condition of each valve is listed below.

| <u>Valve No.</u> | <u>Condition As Found</u> |
|------------------|---------------------------|
| V-42815 | Frozen 3/4" Off Seat |
| V-45813 | Free Disk Movement |
| V-42816 | Free Disk Movement |
| V-45814 | Frozen 1/4" Off Seat |
| V-42813 | Frozen Mid-position |
| V-45811 | Frozen Mid-position |
| V-42814 | Frozen Mid-position |
| V-45812 | Frozen Mid-position |

Mr. John Collins

-3-

P-83201

- (b) An accumulation of rust and corrosion around the hanger and hanger pin inhibited free movement of the hanger and disc assembly in the check valves found defective.
- (c) For more detail, refer to Fort St. Vrain Reportable Occurrence 83-017 (Report No. 50-267/83-017/01-T-0).

If you have any questions, please contact Mr. Don Warembourg at (303) 785-2224.

Sincerely,



O. R. Lee
Vice President
Electric Production

ORL/djm

Enclosures

STATE OF COLORADO)
) ss.
CITY AND COUNTY OF DENVER)

O. R. Lee, being first duly sworn, deposes and says; That he is Vice President of Electric Production of Public Service Company of Colorado, the Licensee herein; that he has read the foregoing ~~Application for Amendment to Appendix A of Facility Operating Licensee~~ *Backman* and knows the contents thereof, and that the statements and matters set forth therein are true and correct to the best of his knowledge, information and belief.

O. R. Lee
O. R. Lee

Subscribed and sworn to before me this 8 day of June, 1983.
Witness my hand and official seal.

My commission expires: OCTOBER 7, 1983.

Arthur V. Henry
Notary Public