

March 14, 1986

Docket No. 50-267

Mr. R. F. Walker, President  
Public Service Company of Colorado  
Post Office Box 840  
Denver, Colorado 80201

Dear Mr. Walker:

SUBJECT: REVIEW OF ACTIONS TO MITIGATE MOISTURE INGRESS INTO THE REACTOR VESSEL

We have reviewed your plans for modifications to Fort St. Vrain in order to reduce moisture ingress into the reactor vessel submitted by letter dated March 12, 1986. The results of our review are contained in the enclosed Safety Evaluation.

We conclude that these modifications to Fort St. Vrain should reduce the likelihood of moisture ingress into the reactor vessel. However, due to the minute moisture content limit (500 ppm) and the close proximity of helium circulator bearing cooling water to the reactor vessel penetration, moisture ingress may still cause the reactor moisture content limit to be exceeded. If the moisture ingress to the reactor continues to exceed the moisture content limit, your staff has committed to further studies and to propose further design modifications to the plant.

If you have any questions or comments, please contact me at (301) 492-8288.

Sincerely,

original signed by  
Kenneth L. Heitner, Project Manager  
Standardization and Special  
Projects Directorate  
Division of PWR Licensing-B

8603190169 860314  
PDR ADOCK 05000267  
P PDR

Enclosure:  
As stated

cc w/enclosure:  
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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

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If you have any questions or comments, please contact me at (301) 492-8288.

Sincerely,

A handwritten signature in cursive script that reads "Kenneth L. Heitner".

Kenneth L. Heitner, Project Manager  
Standardization and Special  
Projects Directorate  
Division of PWR Licensing-B

Enclosure:  
As stated

cc w/enclosure:  
See next page

Mr. R. F. Walker  
Public Service Company of Colorado

Fort St. Vrain

cc:

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