

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

June 10, 1980

Docket No. 50-282
306

MEMORANDUM FOR: J. Zudans
Equipment Qualification Branch, DE

FROM: R. Martin
Operating Reactors Branch #3, DL

SUBJECT: PRAIRIE ISLAND PURGE & VENT VALVES - LONG TERM
MECHANICAL OPERABILITY

I am responding to E. Reeves' memo of 6/2/80 to all PM's. The following is a list of the documentation and applicable comments on this subject to date.

9/27/79 Subject letter sent to Northern States Power (NSP).

10/1/79 Request for Additional Information (RAI) from G. Lainas, PSB, DOR.

10/29/79 Letter sent to NSP transmitting interim position for valve operation pending resolution of operability issue.

11/14/79 NSP response to NRC letter of 9/27/79. Says valves will be closed when above cold shutdown. Also says valve vendor is being requested to develop information to show valves will close in event of LOCA. As of 6/5/80, NSP says this work is ongoing. NSP did not identify a completion date for it. They rely on keeping the valves closed when above cold shutdown having operated in this manner for about one year.

12/17/79 RAI memo from PSB on electrical aspects.

12/27/79 Memo from E. Reeves to all PM's requesting PM evaluation relative to the Interim Position of 10/29/79.

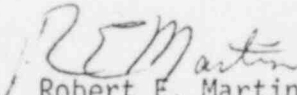
1/9/80 NRC letter to NSP on electrical aspects.

1/25/80 Clarification notes on the 9/27/80 letter.

- 3/6/80 Telecopy from NRC to NSP requesting evaluation relative to BTP CSB 6-4, Rev. 1.
- 3/12/80 Memo from ORB#1 on status of conformance of Prairie Island to Interim Position.
- 3/17/80 NSP letter to NRC responding to staff's 1/9/80 letter and to the 3/6/80 telecopy on BTP 6-4.
- 4/12/80 NSP letter to NRC on radiological consequences of LOCA with the valves open at the beginning but closing on demand.
- 4/30/80 PM's evaluation of NSP's 11/14/79 letter.

Conclusion

Prairie Island meets the interim position. Work to qualify the valves was authorized in March, 1980. An estimate of three months was provided to complete that work. The Henry-Pratt valves, the Prairie Island type, are being qualified in a group effort to include the plants using this valve type. NSP will provide a more precise estimate of a submittal date at a later time. I will then inform you of that date.


Robert E. Martin
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Division of Licensing