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VPNPD-96-090

October 30, 1996

Document Control Desk  
US NUCLEAR REGULATORY COMMISSION  
Mail Station P1-137  
Washington, DC 20555

Ladies and Gentlemen:

DOCKETS 50-266 AND 50-301  
GENERIC LETTER 96-06  
ASSURANCE OF EQUIPMENT OPERABILITY AND  
CONTAINMENT INTEGRITY DURING DESIGN BASIS ACCIDENT CONDITIONS  
POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2

Generic Letter 96-06 requests licensees to perform evaluations and take actions if necessary to ensure that containment cooling water systems and other water-filled piping sections inside containment remain operable during design basis accident (DBA) conditions. This letter identified concerns for potential waterhammer and two-phase flow in containment cooling systems under certain postulated post-DBA conditions. Also identified was a concern for overpressurization of isolated fluid systems due to containment heatup post-accident.

Herein, we provide the required 30-day response which indicates that: (1) the requested actions have been or will be completed; (2) the requested information has been or will be submitted; and (3) the requested information will be submitted within the 120-day requested time period. These three actions are discussed below:

- (1) The requested actions have been or will be completed.

With respect to waterhammer and two-phase flow conditions in containment cooling systems, the requested actions have been completed. We have determined that the PBNP containment fan cooler (CFC)/service water systems are susceptible to waterhammer and two-phase flow conditions during postulated accident conditions. We have assessed the system's operability with respect to NUREG/CR-5220, 10 CFR 50 Appendix B, the Technical Specifications, and Generic Letter 91-18. We have reported the results in letters to the NRC; VPNPD-96-065 dated September 9, 1996 and VPNPD-96-080 dated September 30, 1996. These evaluations conclude that the systems are presently operable; however, long-term corrective actions are planned to restore the systems to full compliance with the original design basis. Permanent corrective actions are being evaluated and a schedule for final corrective actions is presented in the above submittals. These letters also constitute our submittal for a "written summary report" within 120 days of the date of the Generic Letter.

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With respect to thermally-induced overpressurization of water-filled piping sections inside containment, the requested actions will be completed. We have previously evaluated PBNP systems and determined that six (6) water-filled piping sections in each containment are potentially susceptible to thermally-induced overpressurization. The results of these evaluations and subsequent corrective actions will be provided with our 120-day response. Any identified operability concerns will be addressed commensurate with the guidance of GL 91-18.

- (2) The requested information will be submitted.

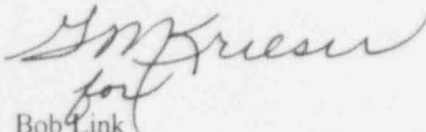
As stated above, the requested information (a "written summary report") related to waterhammer and two-phase flow conditions has been submitted previously to the NRC. The requested information related to thermally-induced overpressurization will be submitted. This submittal will describe our plans for long-term corrective action.

- (3) The requested information will be submitted within the 120-day requested time period.

As stated above, the requested information related to waterhammer and two-phase flow conditions has been submitted previously to the NRC. *The results of the evaluations and other requested information related to thermally-induced overpressurization will be submitted within the 120-day requested time period.*

We would be pleased to answer any questions regarding the above information.

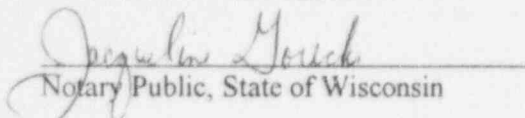
Sincerely,



Bob Link  
Vice President  
Nuclear Power

GDA

Subscribed and sworn to before me  
this 30<sup>th</sup> day of October, 1996

  
Notary Public, State of Wisconsin

My Commission expires 10/26/2000

cc: NRC Resident Inspector, NRC Regional Administrator-Region III