



Consumers
Power

**POWERING
MICHIGAN'S PROGRESS**

Big Rock Point Nuclear Plant, 10269 US-31 North, Charlevoix, MI 49720

Patrick M Donnelly
Plant Manager

October 29, 1996

Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

**DOCKET 50-155 - LICENSE DPR-6 - BIG ROCK POINT PLANT - REPLY TO GENERIC
LETTER 96-06: ASSURANCE OF EQUIPMENT OPERABILITY AND CONTAINMENT INTEGRITY
DURING DESIGN-BASIS ACCIDENT CONDITIONS.**

On October 3, 1996, Consumers Power Company received U.S. Nuclear Regulatory Commission (USNRC) Generic Letter 96-06: Assurance of Equipment Operability and Containment Integrity During Design-Basis Accident Conditions dated September 30, 1996.

Requested Actions(s)

Addressees have been requested to determine:

- (1) if containment air cooler cooling water systems are susceptible to either waterhammer or two-phase flow conditions during postulated accident conditions;
- (2) if piping systems that penetrate the containment are susceptible to thermal expansion of fluid so that overpressurization of piping could occur.

If systems are found to be susceptible to the conditions discussed in the generic letter, addressees are expected to assess the operability of affected systems and take corrective action as appropriate in accordance the requirements stated in 10 CFR Part 50 Appendix B and as required by the plant Technical Specifications.

Requested Information

Within 120 days of the date of this generic letter, addressees are requested to submit a written summary report stating actions taken in response to the requested actions noted above, conclusions that were reached relative to susceptibility for waterhammer and two-phase flow in the containment air cooler cooling water system and overpressurization of piping that penetrates

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containment, the basis for continued operability of affected systems and components as applicable, and corrective actions that were implemented or are planned to be implemented. If systems were found to be susceptible to the conditions that are discussed in this generic letter, identify the systems affected and describe the specific circumstances involved.

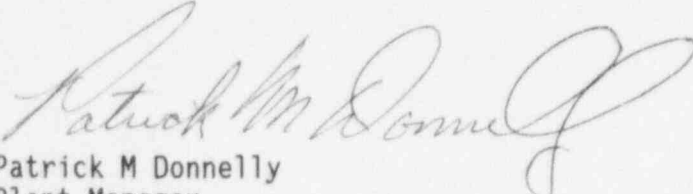
Required Response

Within 30 days of this generic letter, addressees are required to submit a written response indicating (1) whether or not the requested actions will be completed, (2) whether or not the requested information will be submitted and (3) whether or not the requested information will be submitted within the requested time period.

Licensee Response

The Big Rock Point Containment heat removal systems include the containment spray system, a containment ventilation system, and an emergency (isolation) condenser. The containment ventilation cooling system is supplied from the non safety-related service water system, and is not considered essential equipment in order to achieve safe shutdown, and therefore is classified as functionally non safety-related with regard to containment cooling. No credit is taken for the Service Water System for mitigating the consequences of a loss-of-coolant-accident.

The Big Rock Point Staff will provide a response to the requested actions within 120 days of the date of the generic letter. This letter therefore meets the 30 day required response


Patrick M Donnelly
Plant Manager

CC: Administrator, Region III, USNRC
NRC Resident Inspector - Big Rock Point

Attachment

CONSUMERS POWER COMPANY

Big Rock Point Plant
Docket 50-155 License DPR-06

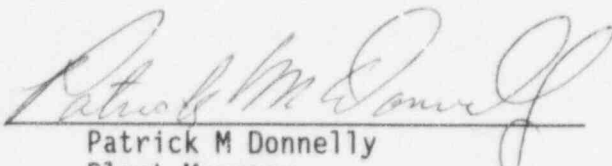
Response to Generic Letter No 96-06 dated October 29, 1996

At the request of the Commission and pursuant to the Atomic Energy Act of 1954 and the Energy Reorganization Act of 1974, as amended, and the Commission's Rules and Regulations thereunder, Consumers Power Company submits our response to NRC letter dated September 30, 1996, entitled, "Assurance of Equipment Operability and Containment Integrity During Design-Basis Accident Conditions". Consumers Power Company's response is dated October 29, 1996.

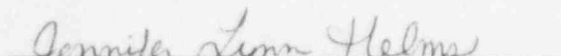
CONSUMERS POWER COMPANY

To the best of my knowledge, information and belief, the contents of this submittal are truthful and complete.

By


Patrick M Donnelly
Plant Manager

Sworn and subscribed to before me this 29th day of October 1996.


Jennifer Lynn Helms, Notary Public
Charlevoix County, Michigan

My commission expires August 29, 1999.

(SEAL)