



**Wisconsin Electric** POWER COMPANY  
 231 W. MICHIGAN, P.O. BOX 2046, MILWAUKEE, WI 53201

January 9, 1980

Mr. Harold R. Denton, Director  
 Office of Nuclear Reactor Regulation  
 U. S. NUCLEAR REGULATORY COMMISSION  
 Washington, D. C. 20555

Attention: Mr. A. Schwencer, Chief  
 Operating Reactors Branch 1

Gentlemen:

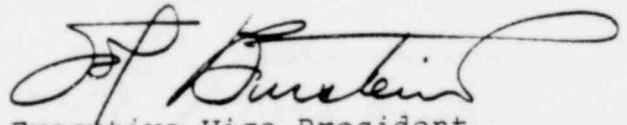
DOCKET NOS. 50-266 AND 50-301  
CONTAINMENT PURGING AND VENTING DURING OPERATION  
POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2

Your letter dated November 19, 1979 requested that we provide an additional interim commitment to operate the containment purge and vent valves at the Point Beach Nuclear Plant in conformance with the interim position provided with that letter. This is to confirm the additional interim commitment you requested.

Your letter also requested that we provide information which demonstrates that a program has been initiated to verify purge and vent valve operability on an expedited basis. Attached is a copy of our letter to Bechtel Power Corporation dated September 17, 1979 requesting that they verify purge valve capabilities. In addition, by letter dated November 1, 1979 we committed to consider the guidelines for valve qualification programs, provided with your letter dated September 27, 1979, during our evaluation of modifications for improved purge valve reliability.

We trust these commitments will satisfy your request. Should you desire additional information regarding this topic, please contact us.

Very truly yours,

  
 Executive Vice President

Sol Burstein

Subscribed and sworn to before me  
 this 9th day of January, 1980.

*Joseph J. Buschmann*  
 Notary Public, State of Wisconsin

My Commission expires *July 6, 1980.*

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**Wisconsin Electric** POWER COMPANY  
231 W. MICHIGAN, P.O. BOX 2046, MILWAUKEE, WI 53201

September 17, 1979

BECHTEL POWER CORPORATION  
Fifty Beale Street  
San Francisco, California 94119

Attention: Mr. E. J. O'Connell  
Vice President

Gentlemen:

REQUEST FOR PERFORMANCE OF TECHNICAL SERVICES  
CONTAINMENT PURGE VALVE ANALYSIS  
POINT BEACH NUCLEAR PLANT

Please use this letter as your authority to provide technical services as described below. The work shall be performed under the Agreement for Continuing Technical Services, No. 22A12, dated January 1, 1973 and Amendment No. 1 effective December 31, 1977.

In response to a letter of November 23, 1978 from the Nuclear Regulatory Commission, we investigated the capability of the containment purge inlet and outlet valves to close from the fully open position in the event of a loss of coolant accident. Discussions with the manufacturer of the valves indicated that the valves might not withstand the closure force during the containment pressure transient following an accident. However, if the valves are operated partially open, manufacturer's data indicate that the valves could withstand the closing forces, and would perform their intended function. We request that Bechtel perform the following analyses to verify purge valve capability:

1. Determine the forces on the valve disc as a function of time and differential pressure during the accident.
2. Determine the capability of the valves and valve operators to withstand these forces and define problem areas.
3. If the valves cannot close from the fully open position, determine the partially open position from which the valves can close.
4. Determine the flow rates at partial valve openings during normal purging operations.

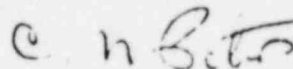
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Mr. E. J. O'Connell - Page Two

5. Review ductwork and fan design to assure operability during normal purging with partially closed valves.
6. Provide design modifications, if necessary, to allow purging with partially closed valves.
7. Investigate the potential for replacement or redesign of the valve to ensure capability to close from the full open position.

All work shall be QA scope, according to the provisions of QA Manual PB10447. We request that you assign a separate job order number for this work. Please refer to your Mr. D. H. Clark's letter of April 25, 1979, regarding estimated manhours and schedule for completing this work.

Very truly yours,



C. N. Peters, Director  
Purchasing and Stores

Copy to Mr. D. H. Clark

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