Wisconsin Electric POWER COMPANY
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June 11, 1982

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

Attention: Mr. R. A. Clark, Chief
Operating Reactors Branch 3

Gentlemen:

DOCKET NOS. 50-266 AND 50-301
ADDITIONAL INFORMATION
IE BULLETIN NO. 80-11, MASONRY WALLS
POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2

By your letter of May 11, 1982, you transmitted the Safety Evaluation Report on the above referenced bulletin work and informed Wisconsin Electric that IE Bulletin 80-11 was considered fully implemented at Point Beach Nuclear Plant subject to the completion of all modifications and the review and acceptance of confirmatory plate analysis after modifications on wall Nos. 19, 111-1, 111-3N, 113, and 114.

Attached for your review are the results of the requested plate analysis. The allowable stresses given in the attached table are those agreed to in a June 1981 meeting between Wisconsin Electric and the NRC staff. We have determined that it is not necessary to perform the previously proposed modification to wall No. 133. During the original field survey this wall was identified as having a possible safety impact on cable Nos. 2-2042A and 2-2042B. These cables provide control signals for the Unit 2 "A" and "B" steam generator blowdown isolation valves, located outside containment. We had previously proposed re-routing these cables. However, additional steam generator blowdown isolation valves are being installed inside containment as a part of the modifications required by the block wall analysis. Control cables to the new valves will be routed in such a manner that block wall No. 133 will have no impact on these control cables. Therefore, it is not necessary to re-route the existing cables.

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With the exception of the addition of the steam generator blowdown isolation valves inside containment, all other modifications associated with our block wall analysis have been completed. The installation of the steam generator blowdown isolation valves is scheduled during the fall 1982 Unit 1 refueling outage and during the spring 1983 Unit 2 refueling outage in accordance with our previous commitments.

Please contact us if you have any further questions.

Very truly yours,

Executive Vice President

Sol Burstein

Attachment

Copy to NRC Resident Inspector

Maximum Stresses Resulting From "Plate" Analysis of Strengthened Block Walls Subjected to Out-Of-Plane Loading

Wall No.	Maximum Tension Stress Parallel To Bed Joints $f_{t,\parallel}$ (PSI)	Allowable Stress $F_{t,\parallel}$ (PSI)	Maximum Tension Stress Normal To Bed Joints $f_{t,\perp}$ (PSI)	Allowable Stress $F_{t,\perp}$ (PSI)	Maximum Shear Stress fv (PSI)	Allowable Stress Fv (PSI)
19/9	7.2	45.7	17.0	18.3	3.8	53.8
111-1/23	34.8	↓	15.3	↓	26.7	↓
111-3N/23	31.3		12.8		8.5	
113/23	41.4		7.0		8.9	
114/23	31.3		15.0		25.7	

$F_{t,\parallel} = 1.67\sqrt{m_o}$ $\quad m_o = 750$ psi

$F_{t,\perp} = 0.67\sqrt{m_o}$ $\quad fm' = 1000$ psi

$Fv = 1.7\sqrt{fm'}$