Wisconsin Electric POWER COMPANY
231 WEST MICHIGAN, MILWAUKEE, WISCONSIN 53201



June 13, 1974

Mr. John F. O'Leary, Director
Directorate of Licensing
U. S. Atomic Energy Commission
Washington, D. C. 20545

Dear Mr. O'Leary:

DOCKET NO. 50-266
POINT BEACH NUCLEAR PLANT
UNIT 1 "A" AND "B" STEAM GENERATOR
EDDY CURRENT INSPECTION RESULTS

This is to provide you with the result of recent inspections of the Unit 1 steam generators at our Point Beach Nuclear Plant. You will recall that this unit recently underwent a scheduled refueling during which an opportunity to test steam generator tubing was provided. Although immediate reports of these results are not required by provisions of our Technical Specifications, recent experiences with steam generators at other nuclear facilities and the interest in this regard expressed by members of the regulatory staff prompt us to file this report at the present time for your information.

Unit 1 at Point Beach Nuclear Plant was shut down for its second refueling outage on April 4, 1974. Prior to the planned eddy current testing of steam generator tubes, a secondary-to-primary leak test at 800 psig was conducted on April 18, 1974, and no discernible leakage was found in either steam generator.

The eddy current test program commenced April 20, 1974, and was completed April 27, 1974. A total of 1204 tubes were inspected in the "A" steam generator and 1016 in the "B" steam generator. Only two tubes with significant defects were discovered. In the "A" steam generator, a 75% defect from the outer diameter of the tube was measured at position Column 54, Row 29, approximately one inch above the tube plate on the hot leg side. A second tube, this in "B" steam generator, was determined to have a 78% defect from the outer diameter of the tube at position Column 50, Row 25, approximately level with the tube plate on the hot leg side.



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