

September 1, 1995

Mr. Robert E. Link, Vice President  
Nuclear Power Department  
Wisconsin Electric Power Company  
231 West Michigan Street, Room P379  
Wilwaukee, WI 53201

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SUBJECT: REQUEST FOR ADDITIONAL INFORMATION REGARDING GENERIC LETTER 95-03,  
"CIRCUMFERENTIAL CRACKING OF STEAM GENERATOR TUBES" - POINT BEACH,  
UNITS 1 AND 2 (TAC NOS. M92264 AND M92265)

Dear Mr. Link:

On April 28, 1995, the U.S. Nuclear Regulatory Commission issued Generic Letter (GL) 95-03 "Circumferential Cracking of Steam Generator Tubes" which requested addressees to evaluate recent operating experience related to circumferential cracking, justify continued operation until the next scheduled steam generator tube inspections, and to develop plans for the next steam generator tube inspections. The staff has reviewed the June 26, 1995, response provided by Wisconsin Electric Power Company for the Point Beach Nuclear Plant, Units 1 and 2. As a result of the review of your response, the staff has identified areas where additional information and/or clarification is needed. The enclosure to this letter contains the information needed to complete the review of your response to GL 95-03.

Please provide written responses to the enclosed questions within 30 days of receipt of this letter. This request is within the original reporting burden for information collection of 350 hours covered by the Office of Management and Budget clearance number 3150-0011, which expires July 31, 1997.

Should you have questions, please contact me at (301) 415-1390.

Sincerely,

ORIGINAL SIGNED BY:  
Richard J. Laufer for

Allen G. Hansen, Project Manager  
Project Directorate III-3  
Division of Reactor Projects III/IV  
Office of Nuclear Reactor Regulation

Docket Nos. 50-266  
and 50-301

Enclosure: As stated.

cc w/encl: See next page

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UNITED STATES  
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

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Nuclear Power Department  
Wisconsin Electric Power Company  
231 West Michigan Street, Room P379  
Milwaukee, WI 53201

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Sincerely,

*Richard J. Sawyer for*

Allen G. Hansen, Project Manager  
Project Directorate III-3  
Division of Reactor Projects III/IV  
Office of Nuclear Reactor Regulation

Docket Nos. 50-266  
and 50-301

Enclosure: As stated.

cc w/encl: See next page

Mr. Robert E. Link, Vice President  
Wisconsin Electric Power Company

Point Beach Nuclear Plant  
Unit Nos. 1 and 2

cc:

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REQUEST FOR ADDITIONAL INFORMATION  
RELATED TO THE GENERIC LETTER 95-03 RESPONSE FOR  
POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2  
DOCKET NOS. 50-266 AND 50-301

1. The following areas have been identified as being susceptible to circumferential cracking:
  - a. Expansion transition circumferential cracking
  - b. Small radius U-bend circumferential cracking
  - c. Dented location (including dented TSP) circumferential cracking
  - d. Sleeve joint circumferential cracking

In your response, areas b and c were not specifically addressed for Unit 2. Please submit the information requested in Generic Letter (GL) 95-03 per the guidance contained in the GL for this area (and any other area susceptible to circumferential cracking). The staff realizes that some of the above areas may not have been addressed since they may not be applicable to your plant; however, the staff requests that you clarify this (e.g., no sleeves are installed; therefore, the plant is not susceptible to sleeve joint circumferential cracking).

For unit 1, it was indicated that the past inspection scope was consistent with the normal industry accepted practice and that the next inspection will follow the Electric Power Research Institute (EPRI) recommended practices. Please clarify this response. This response should address areas a, b, c, and d.

2. It was stated that a 100% inspection of the unsleeved tubesheet hot leg crevice region was performed at Unit 2 and no circumferential indications were detected. Clarify the technique that was used for these inspections.
3. The inspection plan for unit 2 involves primarily a bobbin coil examination with follow up rotating pancake coil examinations. Since the bobbin coil is relatively insensitive to circumferential indications, provide your basis for these inspections given that circumferential indications have been detected at plants with similar expansions.
4. As a result of discovering circumferentially oriented degradation at the top of the tubesheet, other plants with partial depth roll expansions perform inspections with techniques capable of detecting circumferentially oriented degradation in this region. If this area is susceptible to circumferential cracking, please provide the information requested in Generic Letter 95-03 (e.g., past inspection scope and results).