



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

October 22, 2009

Mr. Larry Meyer  
Site Vice President  
NextEra Energy Point Beach, LLC  
6610 Nuclear Road  
Two Rivers, WI 54241-9516

SUBJECT: POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2 - REQUEST FOR  
ADDITIONAL INFORMATION FROM MECHANICAL AND CIVIL ENGINEERING  
BRANCH RE: AUXILIARY FEEDWATER (TAC NOS. ME1081 AND ME1082)

Dear Mr. Meyer:

By letter to the U.S. Nuclear Regulatory Commission (NRC) dated April 7, 2009, as supplemented by two letters dated June 17, and September 25, 2009 (Agencywide Documents Access and Management System (ADAMS) Accession Nos. ML091250564, ML091690087, ML091690090, and ML092750395, respectively), FPL Energy Point Beach, LLC, submitted a request to change technical specifications due to modifications to the auxiliary feedwater system (AFW). This was originally part of the extended power uprate request, but was separated out by the NRC staff.

The NRC staff is reviewing your submittal and has determined that additional information is required to complete the review. The specific information requested is addressed in the enclosure to this letter. During a discussion with your staff on October 15, 2009, it was agreed that you would provide the additional information within 30 days of the date of this letter.

The NRC staff considers that timely responses to requests for additional information help ensure sufficient time is available for staff review and contribute toward the NRC's goal of efficient and effective use of staff resources. If circumstances result in the need to revise the requested response date, please contact me at (301) 415-2048.

Sincerely,

A handwritten signature in black ink, appearing to read "Justin C. Poole", written over a horizontal line.

Justin C. Poole, Project Manager  
Plant Licensing Branch III-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-266 and 50-301

Enclosure:  
Request for Additional Information

cc w/encl: Distribution via ListServ

REQUEST FOR ADDITIONAL INFORMATION

POINT BEACH NUCLEAR POWER PLANT, UNITS 1 AND 2

DOCKET NOS. 50-266 AND 50-301

EMCB RAI 1

Identify the code utilized in qualifying the structural integrity of the new and redesigned piping sections of the auxiliary feedwater (AFW) piping and pipe supports for extended power uprate (EPU) conditions. If different from the plant design basis code of record, provide an acceptable justification.

EMCB RAI 2

Provide loadings and load combinations used for the AFW piping design and analysis, which include seismic and fluid transient loads, and a quantitative summary of the maximum pipe stresses and fatigue usage factors with a comparison to code of record allowable stresses which shows that the acceptance criteria have been met for EPU conditions. Include data at critical locations. For equipment nozzles provide a summary of loads compared to specific allowable values.

EMCB RAI 3

Confirm that all AFW piping and pipe supports have been evaluated and shown to remain structurally adequate to perform their intended design function and provide description of all pipe system and pipe support modifications to the existing AFW that are required to meet design basis at EPU conditions. In addition, provide the schedule of completion of all AFW work.

EMCB RAI 4

Confirm that the AFW piping, according to the current licensing basis, is not considered high energy line, and provide a justification.

ENCLOSURE

Mr. Larry Meyer  
Site Vice President  
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*/RA/*

Justin C. Poole, Project Manager  
Plant Licensing Branch III-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

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LPL3-1 r/f

MKhanna, NRR

ATsirigotis, NRR

ADAMS Accession Number: ML092930516

\*per email dated October 2, 2009

OFFICE	LPL3-1/PM	LPL3-1/LA	NRR/EMCB/BC	LPL3-1/BC
NAME	JPoole	THarris	MKhanna*	RPascarelli
DATE	10/22/09	10/21/09	10/02/09	10/22/09

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