



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

January 13, 2010

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 BALANCE OF PLANT BRANCH RE:  
EXTENDED POWER UPRATE (TAC NOS. ME1044 AND ME1045)

Dear Mr. Meyer:

By letter to the U.S. Nuclear Regulatory Commission (NRC) dated April 7, 2009, as supplemented by letters dated September 11 and October 9, 2009 (Agencywide Documents Access and Management System Accession Nos. ML091250564, ML092570205, and ML092860098), FPL Energy Point Beach, LLC, submitted a request to increase each unit's licensed core power level from 1540 megawatts thermal (MWt) to 1800 MWt reactor core power, and revise the technical specifications to support operation at this increased core thermal power level.

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 December 30, 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 "J. 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

**RAI 1**

**BACKGROUND:**

Section 2.5.1.3.2 of the Extended Power Uprate (EPU) Licensing Report states: "The HELB was reconstituted to ensure documentation existed to demonstrate compliance with all related prior licensing commitments and to reconstitute missing documentation."

**ISSUE:**

The staff should review selected "reconstituted" documentation to evaluate the licensee's process in ensuring compliance with prior licensing commitments.

**REQUEST:**

Provide a list of all "reconstituted" documentation.

**RAI 2**

**BACKGROUND:**

Section 2.5.1.3 of the EPU Licensing Report states:

For those high energy systems that did not have a dynamic seismic analysis, a break was postulated at the weld to every fitting, valve and welded attachment. Rather than determine all of these locations, a break was postulated in every compartment the piping run traverses. In addition, a crack was postulated to occur any where along the run of pipe at the most adverse location.

**ISSUE:**

A review of the EPU Licensing Report indicates the following systems are those for which breaks and cracks are postulated to occur anywhere along the piping run:

- Extraction Steam System
- Condensate
- Chemical and Volume Control System Charging and Letdown Lines
- Heater Pump Drain Discharge

The staff requires information regarding the routing of these lines in order to perform our review.

REQUEST:

- a. Confirm the above systems are all the systems for which breaks and cracks are postulated to occur anywhere along the piping run.
- b. Identify the compartments through which each of these lines runs through.

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*/RA/*

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ADAMS Accession Number: ML100080081

\*per memo dated December 22, 2009

OFFICE	LPL3-1/PM	LPL3-1/LA	NRR/SRXB/BC	LPL3-1/BC
NAME	JPoole	THarris	GCasto*	RPascarelli
DATE	01/13/10	01/12/10	12/22/09	01/13/10

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