



December 7, 2010

NRC 2010-0190
10 CFR 50.90

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555

Point Beach Nuclear Plant, Units 1 and 2
Dockets 50-266 and 50-301
Renewed License Nos. DPR-24 and DPR-27

License Amendment Request 261
Extended Power Uprate
Response to Request for Additional Information

- References:
- (1) FPL Energy Point Beach, LLC letter to NRC, dated April 7, 2009, License Amendment Request 261, Extended Power Uprate (ML091250564)
 - (2) NRC electronic mail to NextEra Energy Point Beach, LLC, dated November 22, 2010, Point Beach Nuclear Plant, Units 1 and 2 – Request for a Teleconference with the Applicant Re: Point Beach EPU / HELB (EEEEB) (TAC Nos. ME1044 and ME1045)

NextEra Energy Point Beach, LLC (NextEra) submitted License Amendment Request (LAR) 261 (Reference 1) to the NRC pursuant to 10 CFR 50.90. The proposed amendment would increase each unit's licensed thermal power level from 1540 megawatts thermal (MWt) to 1800 MWt, and revise the Technical Specifications to support operation at the increased thermal power level.

Via Reference (2), the NRC staff determined that additional information is required to enable the staff's continued review of the request. Enclosure 1 provides the NextEra response to the NRC staff's request.

This letter contains no new Regulatory Commitments and no revisions to existing Regulatory Commitments.

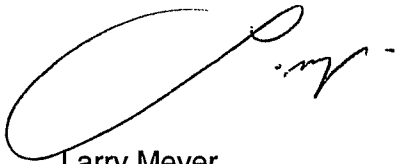
The information contained in this letter does not alter the no significant hazards consideration contained in Reference (1) and continues to satisfy the criteria of 10 CFR 51.22 for categorical exclusion from the requirements of an environmental assessment.

In accordance with 10 CFR 50.91, a copy of this letter is being provided to the designated Wisconsin Official.

I declare under penalty of perjury that the foregoing is true and correct.
Executed on December 7, 2010.

Very truly yours,

NextEra Energy Point Beach, LLC

A handwritten signature in black ink, appearing to read 'Larry Meyer', with a large, sweeping initial 'L'.

Larry Meyer
Site Vice President

Enclosures

cc: Administrator, Region III, USNRC
Project Manager, Point Beach Nuclear Plant, USNRC
Resident Inspector, Point Beach Nuclear Plant, USNRC
PSCW

ENCLOSURE 1

NEXTERA ENERGY POINT BEACH, LLC POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2

LICENSE AMENDMENT REQUEST 261 EXTENDED POWER UPRATE RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION

The NRC staff determined that additional information was required (Reference 1) to enable the Electrical Engineering Branch to complete its review of License Amendment Request (LAR) 261, Extended Power Uprate (EPU) (Reference 2). The following information is provided by NextEra Energy Point Beach, LLC (NextEra) in response to the NRC staff's request for additional information (RAI).

EEEE-1

On November 22, 2010, the NRC staff in the Electrical Engineering Branch of the Office of Nuclear Reactor Regulation requested additional clarification associated with its review of the Extended Power Uprate (EPU). The NRC staff noted that in the application dated April 7, 2009 (ADAMS Accession No. ML091250564), Attachment 4 - "Summary of Regulatory Commitments," Programs – Item 18, additional detailed environmental qualification analyses was to be performed to qualify four Honeywell microswitches in the containment facade and a Nutherm Panel in the Primary Auxiliary Building that did not have the recommended 10% margin as described in IEEE 323 Std.-1974 for EPU conditions, or they will be replaced with qualified components prior to the implementation of EPU on the associated unit.

The NRC staff requests clarification on the applicant's proposed additional detailed EQ analyses to qualify or replacement of the EQ related four microswitches and a Nutherm panel as discussed above?

NextEra Response

The PBNP Environmental Qualification documentation checklists for the Honeywell microswitches in the containment facades and a Nutherm panel in the Primary Auxiliary Building have been revised to qualify these components. The Honeywell microswitches and Nutherm panel were qualified by testing and material analysis for the calculated radiation doses at EPU conditions. The radiation qualification analyses at EPU conditions for both components include the recommended 10 percent margin as described in IEEE 323 Std-1974.

References

- (1) NRC electronic mail to NextEra Energy Point Beach, LLC, dated November 22, 2010, Point Beach Nuclear Plant, Units 1 and 2 – Request for a Teleconference with the Applicant Re: Point Beach EPU / HELB (EEEEB) (TAC Nos. ME1044 and ME1045)
- (2) FPL Energy Point Beach, LLC letter to NRC, dated April 7, 2009, License Amendment Request 261, Extended Power Uprate (ML091250564)