



November 30, 2010

NRC 2010-0187  
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 letter to NextEra Energy Point Beach, LLC, dated November 23, 2010, Point Beach Nuclear Plant, Units 1 and 2 - Request for Additional Information re: Auxiliary Feedwater Modification and Extended Power Uprate License Amendment Requests (TAC NOS. ME1081, ME1082, ME1044, and ME1045) (ML103270224)

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 was required to enable the staff's continued review of the request. Enclosure 1 provides the NextEra response to the NRC staff's request.

Responses to the post-LOCA boron precipitation requests for additional information in Reference (2) will be submitted in a separate correspondence.

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

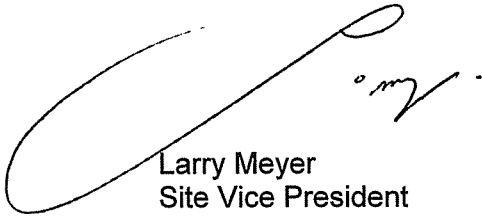
The information contained in this letter does not alter the no significant hazards consideration contained in Reference (1) and continues to satisfy the criteria of 10 CFR 51.22 for categorical exclusion from the requirements of an environmental assessment.

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 November 30, 2010.

Very truly yours,

NextEra Energy Point Beach, LLC

A handwritten signature in black ink, appearing to read 'Larry Meyer', is written over a large, stylized, looping signature line that extends from the left margin towards the center of the page.

Larry Meyer  
Site Vice President

Enclosure

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

In Reference (1) the NRC determined that additional information was required to enable the staff's continued 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.

#### **Auxiliary Feedwater / Main Steamline Break**

- 1) *Please explain why the current licensing basis analysis for the core response associated with a postulated main steam line break is bounding of the Point Beach auxiliary feedwater system in both its present and proposed modified configurations.*

#### **NextEra Response**

The hot zero power steam line break core response analyses (both the current licensing basis analysis and the one performed for EPU) conservatively model auxiliary feedwater (AFW) flow in order to maximize the asymmetric cooldown of the reactor coolant system. Specifically, the analyses assume a maximum AFW flow rate of 1200 gpm delivered entirely to the faulted steam generator. The delivery of AFW flow is assumed to begin at the start of the transient. Both the present and proposed AFW system configurations have been confirmed to remain bounded by the assumptions used in the analyses.

#### **References**

- (1) NRC letter to NextEra Energy Point Beach, LLC, dated November 23, 2010, Point Beach Nuclear Plant, Units 1 and 2 - Request for Additional Information re: Auxiliary Feedwater Modification and Extended Power Uprate License Amendment Requests (TAC NOS. ME1081, ME1082, ME1044, and ME1045) (ML103270224)
- (2) FPL Energy Point Beach, LLC letter to NRC, dated April 7, 2009, License Amendment Request 261, Extended Power Uprate (ML091250564)