



February 4, 2010

NRC 2010-0016
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 241
Alternative Source Term
Schedule Changes

- References:
- (1) FPL Energy Point Beach, LLC letter to NRC, dated December 8, 2008, License Amendment Request 241, Alternative Source Term (ML083450683)
 - (2) FPL Energy Point Beach, LLC letter to NRC, dated January 27, 2009, Supplement to License Amendment Request 241, Transmittal of Proposed License Conditions (ML090280348)
 - (3) NextEra Energy Point Beach, LLC letter to NRC, dated July 24, 2009, License Amendment Request 241, Alternative Source Term, Response to Request for Additional Information (ML092080441)
 - (4) NextEra Energy Point Beach, LLC letter to NRC, dated October 2, 2009, License Amendment Request 241, Alternative Source Term, Response to Clarification Request (ML092750348)
 - (5) NRC letter, dated January 13, 2010, Forthcoming Meeting with FPL Energy Point Beach, LLC (ML093561247)
 - (6) FPL Energy Point Beach, LLC letter to NRC, dated February 20, 2009, Supplement to License Amendment Request 241, Alternative Source Term (ML090540860)

NextEra Energy Point Beach, LLC (NextEra) submitted License Amendment Request (LAR) 241 (Reference 1) to the NRC pursuant to 10 CFR 50.90. The license amendment would revise the current licensing basis to implement the alternative source term (AST) through reanalysis of the radiological consequences of the Point Beach Nuclear Plant (PBNP) Final Safety Analysis Report (FSAR) Chapter 14 accidents.

Via letter dated January 27, 2009 (Reference 2), NextEra transmitted proposed License Conditions related to LAR 241 to replace the Regulatory Commitments submitted in Reference (1). Via letter dated July 24, 2009 (Reference 3), NextEra transmitted revisions to the proposed License Conditions submitted in Reference (2). Via letter dated October 2, 2009 (Reference 4), NextEra transmitted an additional proposed License Condition to be added to the proposed License Conditions submitted in Reference (3).

Enclosure 1 transmits a revision to the License Conditions proposed in Reference (4). The revision incorporates schedule changes presented during the public meeting held with the NRC on January 27, 2010 (Reference 5).

The second License Condition proposed in Reference (4) for Operating License DPR-27 has been completed. This License Condition stated, "NextEra Energy Point Beach will modify the containment spray (CS) and residual heat removal (RHR) systems to provide throttling capability of CS and RHR during the emergency core cooling system (ECCS) recirculation phase. These modifications will be completed on a unit-specific basis at the next Unit 2 (2009) refueling outage." Accordingly, the proposed License Condition has been withdrawn.

The revision to the proposed License Conditions has been reviewed by the Plant Operations Review Committee.

Summary of Regulatory Commitments

This letter contains no new Regulatory Commitments. The following Regulatory Commitment was contained in NextEra's letter dated February 20, 2009 (Reference 6):

- The VNPAB system will be added to the scope of the Maintenance Rule (10 CFR 50.65) and the scope of the License Renewal Program (10 CFR 54.37(b)). These actions will be completed during the Unit 1 (Spring 2010) refueling outage that implements the LAR.

This Regulatory Commitment is revised as follows:

- The VNPAB system will be added to the scope of the Maintenance Rule (10 CFR 50.65) and the scope of the License Renewal Program (10 CFR 54.37(b)). These actions will be completed no later than the Unit 2 (2011) refueling outage that implements the LAR.

The information contained in this letter and its enclosure do 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 for 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 February 4, 2010.

Very truly yours,

NextEra Energy Point Beach, LLC

A handwritten signature in black ink, appearing to read "Larry Meyer", followed by the word "FOR" in a smaller, handwritten font.

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 241
ALTERNATIVE SOURCE TERM
SCHEDULE CHANGES**

**PROPOSED LICENSE CONDITIONS TO APPENDIX C
FOR OPERATING LICENSES DPR-24 AND DPR-27**

APPENDIX C
ADDITIONAL CONDITIONS
OPERATING LICENSE DPR-24

NextEra Energy Point Beach, LLC, shall comply with the following conditions and the schedules noted below:

<u>Amendment Number</u>	<u>Additional Conditions</u>	<u>Implementation Date</u>
	<u>NextEra Energy Point Beach, LLC will modify the PBNP control room (CR) radiation shielding to ensure CR habitability requirements are maintained. This modification is scheduled to be completed following Nuclear Regulatory Commission (NRC) approval of LAR 241, "Alternative Source Term," no later than the Unit 2 (2011) refueling outage.</u>	
	<u>NextEra Energy Point Beach, LLC will modify the containment spray (CS) and residual heat removal (RHR) systems to provide throttling capability of CS and RHR during the emergency core cooling system (ECCS) recirculation phase. These modifications will be completed during the Unit 1 (2010) refueling outage.</u>	
	<u>NextEra Energy Point Beach, LLC will revise PBNP Emergency Operating Procedures (EOPs) to direct continued containment spray while on sump recirculation. These procedure changes will be implemented following NRC approval of LAR 241, "Alternative Source Term," no later than the Unit 2 (2011) refueling outage.</u>	
	<u>NextEra Energy Point Beach, LLC will modify the control room emergency filtration system (CREFS) to create a new alignment for the accident mode that provides a combination of filtered outside air and filtered recirculation air. The modifications will include redundancy for all CREFS active components that must reposition from their normal operating position, and auto-start capability on loss of offsite power in conjunction with a containment isolation or high control room radiation signal from an emergency diesel generator supplied source for the CREFS fans required for the new system alignment. This modification will be completed following NRC approval of LAR 241, "Alternative Source Term," no later than the Unit 2 (2011) refueling outage.</u>	
	<u>NextEra Energy Point Beach, LLC will modify the primary auxiliary building (PAB) ventilation system (VNPAB) to ensure redundancy of active components needed to operate the PAB exhaust system. VNPAB components credited for AST will be upgraded to an augmented quality status. No credit is taken by AST for the PAB charcoal filters. NextEra Energy Point Beach, LLC will revise PBNP EOPs to address starting the VNPAB fans. This modification is scheduled to be completed following Nuclear Regulatory Commission (NRC) approval of LAR 241, "Alternative Source Term," no later than the Unit 2 (2011) refueling outage.</u>	
	<u>NextEra Energy Point Beach, LLC will perform Train B Emergency Diesel Generator load testing over a range of 2877 to 2950 kW at rated power factor following implementation of LAR 241 in accordance with the testing schedule. This license condition will remain in effect until implementation of LAR 261 for Unit 2.</u>	

APPENDIX C
ADDITIONAL CONDITIONS
OPERATING LICENSE DPR-27

NextEra Energy Point Beach, LLC, shall comply with the following conditions and the schedules noted below:

<u>Amendment Number</u>	<u>Additional Conditions</u>	<u>Implementation Date</u>
	<u>NextEra Energy Point Beach, LLC will modify the PBNP control room (CR) radiation shielding to ensure CR habitability requirements are maintained. This modification is scheduled to be completed following Nuclear Regulatory Commission (NRC) approval of LAR 241, "Alternative Source Term," no later than the Unit 2 (2011) refueling outage.</u>	
	<u>NextEra Energy Point Beach, LLC will revise PBNP Emergency Operating Procedures (EOPs) to direct continued containment spray while on sump recirculation. These procedure changes will be implemented following NRC approval of LAR 241, "Alternative Source Term," no later than the Unit 2 (2011) refueling outage.</u>	
	<u>NextEra Energy Point Beach, LLC will modify the control room emergency filtration system (CREFS) to create a new alignment for the accident mode that provides a combination of filtered outside air and filtered recirculation air. The modifications will include redundancy for all CREFS active components that must reposition from their normal operating position, and auto-start capability on loss of offsite power in conjunction with a containment isolation or high control room radiation signal from an emergency diesel generator supplied source for the CREFS fans required for the new system alignment. This modification will be completed following NRC approval of LAR 241, "Alternative Source Term," no later than the Unit 2 (2011) refueling outage.</u>	
	<u>NextEra Energy Point Beach, LLC will modify the primary auxiliary building (PAB) ventilation system (VNPAB) to ensure redundancy of active components needed to operate the PAB exhaust system. VNPAB components credited for AST will be upgraded to an augmented quality status. No credit is taken by AST for the PAB charcoal filters. NextEra Energy Point Beach, LLC will revise PBNP EOPs to address starting the VNPAB fans. This modification is scheduled to be completed following Nuclear Regulatory Commission (NRC) approval of LAR 241, "Alternative Source Term," no later than the Unit 2 (2011) refueling outage.</u>	
	<u>NextEra Energy Point Beach, LLC will perform Train B Emergency Diesel Generator load testing over a range of 2877 to 2950 kW at rated power factor following implementation of LAR 241 in accordance with the testing schedule. This license condition will remain in effect until implementation of LAR 261 for Unit 2.</u>	