



FPL Energy

Point Beach Nuclear Plant

FPL Energy Point Beach, LLC, 6610 Nuclear Road, Two Rivers, WI 54241

January 27, 2009

NRC 2009-0006
10 CFR 50.90

U.S Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

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

Supplement to License Amendment Request 241
Transmittal of Proposed License Conditions

Reference: (1) FPL Energy Point Beach LLC, License Amendment Request 241 dated December 8, 2008, "Alternative Source Term" (ML083450683)

As a follow-up from the teleconference held with the NRC staff on January 13, 2009, Enclosure 1 provides proposed License Conditions to Appendix C for Operating Licenses DPR-24 and DPR-27. The enclosure supports the Commission's acceptance review of License Amendment Request 241, "Alternative Source Term."

Enclosure 1 contains the five proposed License Conditions that replace the Regulatory Commitments that were contained in Reference 1.

This supplement involves no significant hazards as defined in 10 CFR 50.92. An evaluation concludes this supplement satisfies the criteria of 10 CFR 51.22 for categorical exclusion from the requirements for an environmental assessment.

The proposed License Conditions have been reviewed by the Plant Operations Review Committee.

This letter contains no new Regulatory Commitments. Via the proposed License Conditions to Appendix C contained in Enclosure 1, the Regulatory Commitments contained in Reference 1 are superseded.

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 January 27, 2009.

Very truly yours,

FPL Energy Point Beach, LLC



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
FPL ENERGY POINT BEACH, LLC
POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2**

**Proposed License Conditions to Appendix C
for Operating Licenses DPR-24 and DPR-27**

2 pages follow

APPENDIX C
ADDITIONAL CONDITIONS
OPERATING LICENSE DPR-24

FPL 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>
	<p><u>FPL Energy Point Beach 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," during the Unit 1 (2010) refueling outage.</u></p>	
	<p><u>FPL 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 1 (2010) refueling outage.</u></p>	
	<p><u>FPL Energy Point Beach will revise PBNP Emergency Operating Procedures (EOPs) to direct continued containment spray while on sump recirculation, if containment radiological conditions and/or core damage indicates it is required. These procedure changes will be implemented following NRC approval of LAR 241, "Alternative Source Term," and following the completion of each unit-specific installation of the CS and RHR system modifications to provide throttling capability during the ECCS recirculation phase.</u></p>	
	<p><u>FPL Energy Point Beach 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," during the second site refueling outage that completes installation of the CS and RHR system modifications to provide throttling capability during the ECCS recirculation phase, thus completing installation for both units.</u></p>	
	<p><u>FPL Energy Point Beach 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. FPL Energy Point Beach 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," during the Unit 1 (2010) refueling outage.</u></p>	

APPENDIX C
ADDITIONAL CONDITIONS
OPERATING LICENSE DPR-27

FPL 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>FPL Energy Point Beach 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," during the Unit 1 (2010) refueling outage.</u>	
	<u>FPL 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.</u>	
	<u>FPL Energy Point Beach will revise PBNP Emergency Operating Procedures (EOPs) to direct continued containment spray while on sump recirculation, if containment radiological conditions and/or core damage indicates it is required. These procedure changes will be implemented following NRC approval of LAR 241, "Alternative Source Term," and following the completion of each unit-specific installation of the CS and RHR system modifications to provide throttling capability during the ECCS recirculation phase.</u>	
	<u>FPL Energy Point Beach 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," during the second site refueling outage that completes installation of the CS and RHR system modifications to provide throttling capability during the ECCS recirculation phase, thus completing installation for both units.</u>	
	<u>FPL Energy Point Beach 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. FPL Energy Point Beach 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," during the Unit 1 (2010) refueling outage.</u>	