



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

January 5, 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 REGARDING ALTERNATE SOURCE TERM
(TAC NOS. ME0219 AND ME0220)

Dear Mr. Meyer:

By letter to the U.S. Nuclear Regulatory Commission (NRC) dated December 8, 2008, as supplemented by letters dated January 16 and 27, February 20, two letters on April 17, May 15, June 1, July 24, August 20, two letters on September 4, two letters on September 10, October 2, and November 25, 2009 (Agencywide Documents Access and Management System (ADAMS) Accession Nos. ML083450683, ML090160571, ML090280348, ML090540860, ML091100182, ML091100215, ML091380113, ML091560413, ML091950072, ML092330180, ML092510118, ML092520547, ML092540144, ML092540146, ML092750348, and ML093290322, respectively), FPL Energy Point Beach, LLC, submitted a request to revise the current licensing basis to implement the alternate source term through reanalysis of the radiological consequences of the Final Safety Analysis Report Chapter 14 accidents.

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 18, 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 "Justin C. Poole".

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

Based on a previous phone call with the licensee regarding Point Beach Nuclear Plant's (PBNP) alternate source term (AST) submittal, it is Nuclear Regulatory Commission's (NRC) understanding that, for both the control room ventilation system and the primary auxiliary building ventilation system, a 7-day allowed outage time is needed for maintenance. During this time, both trains of each system will be out of service, depending on which component is being worked on. NRC staff assessment of quantifiable design-basis accident (DBA) consequences during this outage time appears to yield unacceptable doses. However, the probability of a DBA during this same time is unquantified; therefore, the risk of the newly proposed technical specification (TS) outage time is unknown. Given the unquantified and unknown risk, the NRC staff has determined that additional information is needed for the completion its safety evaluation.

1. Please provide additional information describing PBNP's proposed AST analyses results with and without credit for the control room ventilation system and the primary auxiliary building ventilation system. Include a discussion of the margin, available compensatory measures, etc.
2. Given that during control room ventilation system allowed outage time of 7 days meeting the control room dose criterion is questionable, please provide additional information describing the basis for the proposed removal the PBNP licensing basis compensatory action to use potassium iodide in the event of a DBA.
3. Please provide additional information describing the expected frequency of the maintenance activities that would be undertaken during the allowed outage times for both of these systems. Please include a discussion of the controls that would ensure that both of these systems would not be in their respective allowed outage times concurrently.
4. The proposed 7-day PAB ventilation system (VNPAB) allowed outage time (AOT) is 7 times the AOT identified in the improved Standard Technical Specifications for the comparable two train, independent and redundant, (PREACS) system. Please provide technical information (i.e., PBNP robustness/uniqueness of design, conservatism, assumptions, etc.) to justify the proposed VNPAB 7-day AOT.

ENCLOSURE

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 REGARDING ALTERNATE SOURCE TERM
(TAC NOS. ME0219 AND ME0220)

Dear Mr. Meyer:

By letter to the U.S. Nuclear Regulatory Commission (NRC) dated December 8, 2008, as supplemented by letters dated January 16 and 27, February 20, two letters on April 17, May 15, June 1, July 24, August 20, two letters on September 4, two letters on September 10, October 2, and November 25, 2009 (Agencywide Documents Access and Management System (ADAMS) Accession Nos. ML083450683, ML090160571, ML090280348, ML090540860, ML091100182, ML091100215, ML091380113, ML091560413, ML091950072, ML092330180, ML092510118, ML092520547, ML092540144, ML092540146, ML092750348, and ML093290322, respectively), FPL Energy Point Beach, LLC, submitted a request to revise the current licensing basis to implement the alternate source term through reanalysis of the radiological consequences of the Final Safety Analysis Report Chapter 14 accidents.

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 18, 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,
/RA/
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

DISTRIBUTION

PUBLIC

RidsNrrPMPPointBeach Resource
RidsRgn3MailCenter Resource
RidsAcrsAcnw_MailCTR Resource
RidsNrrDorlDpr Resource

RidsNrrLATHarris Resource
RidsNrrDorlLpl3-1Resource
RidsOgcRp Resource
RidsNrrDirsltsb Resource
GWaig, NRR

LPL3-1 r/f
DDuvigneaud, NRR
ABoatright, NRR
HWalker, NRR
NKaripineni, NRR

ADAMS Accession Number: ML093630246

OFFICE	LPL3-1/PM	LPL3-1/LA	NRR/ITSB/BC	NRR/AADB/BC	LPL3-1/BC
NAME	JPoole	THarris	RElliott	TTate	RPascarelli
DATE	01/04/10	12/30/09	01/04/10	01/04/10	01/05/10

OFFICIAL RECORD COPY