



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

August 11, 2010

LICENSEE: NextEra Energy Point Beach, LLC

FACILITY: Point Beach Nuclear Plant, Units 1 and 2

SUBJECT: SUMMARY OF JULY 22, 2010, MEETING WITH NEXTERA ENERGY POINT BEACH, LLC, TO DISCUSS OUTSTANDING ISSUES AND SCHEDULE RELATED TO NRC STAFF REVIEW OF LICENSE AMENDMENT REQUESTS ASSOCIATED WITH ALTERNATE SOURCE TERM, AUXILIARY FEEDWATER, EXTENDED POWER UPRATE, AND NON-CONSERVATIVE SETPOINT CHANGES (TAC NOS. ME0219, ME0220, ME1081, ME1082, ME1044, ME1045, ME1083 AND ME1084)

On July 22, 2010, a Category 1 public meeting was held between staff from the U.S. Nuclear Regulatory Commission (NRC) and representatives of NextEra Energy Point Beach, LLC, at NRC Headquarters, One White Flint North, 11555 Rockville Pike, Rockville, Maryland. The purpose of the meeting was to discuss outstanding issues related to the Alternative Source Term (AST), Auxiliary Feedwater (AFW), Extended Power Uprate (EPU), and non-conservative setpoint change amendments currently under review by the NRC staff.

A list of attendees is attached as Enclosure 1. The licensee's presentation is provided as Enclosure 2.

Discussion

The licensee commenced its presentation by stating that the primary focus of the meeting was to solicit NRC staff feedback on issues associated with the subject amendment requests. The licensee emphasized that NRC approval of the AST, AFW, EPU, and non-conservative setpoint amendments was essential to support EPU implementation for Unit 2 coming out of the spring 2011 refueling outage.

The schedule was discussed near the close of the meeting. The NRC staff noted that the Point Beach EPU presentation before the Advisory Committee on Reactor Safeguards (ACRS) subcommittee is currently scheduled for mid-November and the ACRS full committee in early December. The Safety Evaluation Report for the EPU will need to be submitted to the ACRS at least 30 days prior to the subcommittee meeting. Additionally, it is likely that the ACRS will not address the EPU if the AST and AFW amendments have not already been approved, as these two amendments are integral to the power uprate. The NRC staff noted that the parallel review of these amendment requests has placed a considerable burden on personnel resources. There have been numerous rounds of requests for additional information (RAIs). The timeliness and quality of the responses must be satisfactory, as there cannot be any significant delays if the schedule is to be met.

The licensee next discussed the status of the Reactor Protection System/Engineered Safety Features Actuation System (RPS/ESFAS) reviews. The revised calculations to remove the single-sided uncertainty factor were completed and sample calculations were provided for NRC staff review. The licensee stated that all three planned submittals were to be issued by the end of July, including the revised RPS/ESFAS technical specifications and bases and non-EPU RPS/ESFAS.

The next portion of the meeting focused on the AST amendment. The Control Room Emergency Filtration System (CREFS) was discussed, including a comment from the NRC staff that it was continuing its review and may have additional questions for the licensee. The NRC staff noted that it may also have future questions related to the proposed Primary Auxiliary Building Ventilation System (VNPAB) technical specification. There was also a question from the NRC staff regarding the definition and pedigree related to the "augmented quality" safety classification of the VNPAB. The licensee stated that augmented quality is defined in the Quality Assurance Program, and then further clarified the basis for this classification as well as its comparison to a "safety-related" system or component. The NRC staff stated that further RAIs may be requested related to CREFS, specifically pertaining to more information associated with emergency diesel generator loading values and how electrical isolation and separation will be maintained.

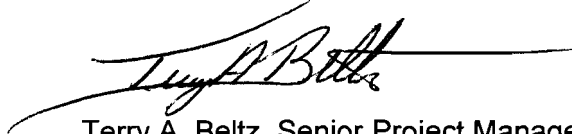
During discussion of the AFW amendment review, the licensee discussed the timetable for responding to the remaining RAIs. The licensee stated that the NRC staff could anticipate responses to the remaining clarification requests by the end of July and first week of August.

The next topic of discussion was the status of the EPU amendment review. The licensee noted that it has issued all first-round RAI responses with the exception of the Electrical Engineering Branch. These RAI responses were tied to completion of calculations. The Balance of Plant Branch may have additional RAIs following its review of the licensee's RAI responses expected by the first week in August. The NRC staff may also have additional questions from the Health Physics & Human Performance and Balance of Plant Branches. Finally, the Mechanical and Civil Engineering Branch will be providing additional RAIs in early to mid-August.

The final discussion was the current status of the high-energy line break review. The licensee stated that they provided a response to the RAIs associated with the 21-question Giambusso letter. The licensee will provide RAI responses to the Containment & Ventilation and Mechanical & Civil Engineering Branches in the first week of August. The licensee is awaiting potential follow-up RAIs from the NRC staff.

There were no members of the public in attendance. Public Meeting Feedback forms were not received.

Please direct any inquiries to me at 301-415-3049, or Terry.Beltz@nrc.gov.

A handwritten signature in black ink, appearing to read "Terry A. Beltz", with a long horizontal line extending to the right.

Terry A. Beltz, Senior Project Manager
Plant Licensing Branch III-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-266 and 50-301

Enclosures:

1. List of Attendees
2. Slide Presentation Handout Provided by the Licensee

cc w/encls: Distribution via Listserv

LIST OF ATTENDEES

JULY 22, 2010, MEETING WITH NEXTERA ENERGY POINT BEACH, LLC

TO DISCUSS STATUS OF NRC STAFF REVIEWS RELATED TO

AST, AFW, EPU AND NON-CONSERVATIVE SETPOINT AMENDMENTS

FOR THE POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2

NRC

Greg Casto
Robert Pascarelli
Tom Alexion
John Parillo
Rich Bulavinetz
Terry Beltz
Edward Smith
Alexander Tsirigotis
Roger Pedersen
Janak Raval
Harold Walker
DyLanne Duvigneaud
Matthew McConnell
John Jandovitz
Bruce Heida
Stanley Gardocki
Steve Jones
Carl Schulten
William Jessup
Aleem Boatright
Carolyn Fairbanks

NextEra Energy Point Beach

Liz Abbott
Steve Hale
Harv Hanneman
Jeff Bartelme

XeNuclear (Prairie Island)

Paul Kumar

Progress Energy (Crystal River)

Ken Wilson

Stevenson and Associates

Walter Djordjevic

Enclosure 2

Meeting Handout



Point Beach Alternate Source Term (AST) Extended Power Uprate (EPU) NRC Meeting

July 22, 2010

Point Beach - Agenda

- **Opening**
- **Purpose**
- **Non-EPU RPS/ESFAS**
- **Alternate Source Term (AST)**
- **Auxiliary Feedwater (AFW)**
- **Extended Power Uprate (EPU)**
- **Closing/Action Items**

Point Beach - Opening

- **Appreciate the Staff's support and participation today**
- **Safety improvements remain the priority for 2010**
 - Non-EPU RPS/ESFAS-Implement on both units within 180 days of NRC approval
 - AST-Implement by Spring 2011 with most work completed in 2010
 - AFW-Implement by Spring 2011 with most work completed in 2010
- **EPU implementation planned for Spring 2011 (Unit 2) and Fall 2011 (Unit 1)**
- **Encourage open and active dialogue to address open items from the review**

Point Beach - Purpose

- **RPS/ESFAS**
 - Remaining actions
- **AST**
 - Responses to RAIs on the seismic report
- **AFW**
 - Responses to RAIs from Mechanical/Civil, BOP, Electrical Branches
- **EPU**
 - Review status of RAIs
 - Discuss follow-up clarifications
 - Review schedule milestones
- **HELB**
 - Review status of RAIs

Point Beach – RPS/ESFAS

- **Completed revised calculations to remove single-sided uncertainty factor, as required**
- **Per staff request provided revised calculations via e-mail on 7/14/10**
- **Three planned submittals – By the end of July**
 - Sample calculations
 - Revised RPS/ESFAS Technical Specifications package including marked up Technical Specifications, no significant hazards consideration, revised LAR Sections 2.4.1 and Appendix E, and revised bases
 - Non-EPU RPS/ESFAS approval request
- **Confirm if there are any other issues to address**

Point Beach – AST

- **Submitted clarification responses on CREFS Technical Specifications on 7/8/10 (submitted drafts on 6/29/10)**
- **RAIs on seismic report**
 - Submitted draft responses for staff review on 6/29/10
 - Completed additional duct work inspection
 - Plan to submit final responses by end of July
- **Confirm if there are any other issues to address**

Point Beach – AFW

- **Submitted responses to AFW Technical Specification Branch RAls on 7/8/10**
- **Respond to remaining Clarification Requests**
 - 3 from Electrical Branch – First week of August
 - Clarification requests regarding EDG transient analysis and EDG testing
 - Environmental Qualification requirements for AFW
 - DC Bus loading
 - 4 from BOP Branch – First week of August
 - AFW auto switchover setpoint
 - HELB for current licensing basis conditions
 - Confirm setpoint is conservative for MDAPFW pumps
 - Response to Service Water interruption to AFW
 - 4 from Mechanical Civil Branch – End of July
- **Confirm if there are any other issues to address**

Point Beach – EPU

- **First Round of RAIs**

- Issued responses to all first round RAIs except Electrical Branch
 - Tied to completion of calculations – 8/13/10
- Awaiting feedback from remaining 2 branches
 - Mechanical and Civil
 - BOP AFW EPU

- **Follow-up Questions**

- NDE and Piping Integrity Branch, LBB – Issued last week
- BOP Branch, dynamic testing – First week of August
- Potential questions from Health Physics Branch
- Additional questions?

Point Beach – HELB

- **Issued response to BOP Branch RAI (Giambusso 21 questions)**
 - Discussion
- **3 RAIs from Containment and Ventilation Branch**
 - Discussion of RAI 1
 - Responses scheduled for first week of August
- **4 RAIs from Mechanical Civil Branch – Responses scheduled for first week of August**
- **2 RAIs from BOP Branch**
- **Awaiting follow-up RAIs**

Point Beach – Summary

- **NON-EPU RPS/ESFAS**
 - Required information submitted by the end of July
- **AST**
 - Required information submitted by the end of July
- **AFW**
 - Required information submitted by the first week in August
- **EPU**
 - Receive remaining RAIs and clarification requests
 - Respond to RAIs and clarification requests
 - Schedule and prepare for ACRS
- **HELB**
 - Receive remaining RAIs and clarification requests
 - Respond to RAIs and clarification requests

Please direct any inquiries to me at 301-415-3049, or Terry.Beltz@nrc.gov.

Terry A. Beltz, Senior Project Manager **/RA/**
Plant Licensing Branch III-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-266 and 50-301

Enclosures:

1. List of Attendees
2. Slide Presentation Handout Provided by the Licensee

cc w/encls: Distribution via Listserv

DISTRIBUTION:

PUBLIC	HWalker, NRR	GWaig, NRR
LPL3-1 R/F	TAlexion, NRR	RPedersen, NRR
RidsAcrsAcnw_MailCTR Resource	JParillo, NRR	CFairbanks, NRR
RidsNrrDorlLpl3-1 Resource	ESmith, NRR	JRaval, NRR
RidsNrrPMPPointBeach Resource	ATsirigotis, NRR	SJones, NRR
RidsNrrLABTully Resource	MMcConnell, NRR	DDuvigneaud, NRR
RidsNrrLATHarris Resource	SGardocki, NRR	WJessup, NRR
RidsOgcRp Resource	CSchulten, NRR	MKhanna, NRR
RidsRgn3MailCenter Resource	GMatharu, NRR	GCasto, NRR
SBagley, EDO Region 3		

ADAMS Accession Numbers: ML102180030

OFFICE	DORL/LPL3-1/PM	DORL/LPL3-1/LA	DORL/LPL3-1/BC	DORL/LPL3-1/PM
NAME	TBeltz	THarris	RPascarelli	TBeltz
DATE	08/06/10	08/09/10	08/11/10	08/11/10

OFFICIAL RECORD COPY