



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

October 6, 2008

LICENSEE: FPL Energy Point Beach, LLC

FACILITY: Point Beach Nuclear Plant, Units 1 and 2

SUBJECT: POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2, SUMMARY OF THE SEPTEMBER 8, 2008, CATEGORY 1 MEETING WITH FPL ENERGY POINT BEACH, LLC, ON THEIR PROPOSED EXTENDED POWER UPRATE APPLICATION (TAC NO. MD9526 AND MD9527)

On September 8, 2008, a Category 1 public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) and representatives of FPL Energy Point Beach, LLC (FPL, the licensee) at NRC Headquarters, Two White Flint North, 11545 Rockville Pike, Rockville, Maryland. A list of attendees is provided as Enclosure 1.

The purpose of the meeting was to discuss the licensee's proposed extended power uprate (EPU). The licensee requested the meeting to communicate their plans for the EPU with the NRC staff and to seek feedback from the NRC staff.

The licensee's presentation (Agencywide Documents Access and Management System (ADAMS) Accession No. ML082540140) focused on the following matrices from Review Standard (RS)-001, "Review Standard for Extended Power Uprates".

EPU Overview

- Matrix 1 – Materials and Chemical Engineering
- Matrix 2 – Mechanical and Civil Engineering
- Matrix 3 – Electrical Engineering
- Matrix 4 – Instrumentation and Controls
- Matrix 5 – Plant Systems
- Matrix 6 – Containment Review Considerations
- Matrix 7 – Habitability, Filtration, and Ventilation
- Matrix 8 – Reactor Systems
- Matrix 9 – Source Terms and Radiological Consequences Analyses
- Matrix 10 – Health Physics
- Matrix 11 – Human Performance
- Matrix 12 – Power Ascension and Testing Plan
- Matrix 13 – Risk Evaluation

The licensee plans to submit an application for a 17% increase in core power level on November 1, 2008, with a requested approval date of January 1, 2010. The implementation for Unit 1 is scheduled during the Spring 2010 and for Unit 2 during the Spring of 2011. The licensee plans to submit an alternate source term (AST) amendment that will be referenced in the EPU, by the end of September 2008. NRC management previously expressed concern about the licensee's plans to submit the AST amendment so close to the EPU amendment given the fact that the AST amendment had been submitted and withdrawn, twice. The NRC staff recommended the

licensee wait to submit the EPU until after the NRC staff issues its requests for additional information (RAIs) on the AST amendment.

The NRC staff asked about the licensee's plans to upgrade its auxiliary feedwater (AFW) systems. The licensee responded that they were still evaluating the proposed modifications to the AFW system. The NRC staff informed the licensee that the design for the modifications needs to be complete before submittal of the amendment. The point the NRC staff focused on was, the completeness of activities relating to identified mechanical modifications that are needed for the EPU. The NRC staff has seen some applications from pressurized water reactor (PWR) licensees seeking EPU where the licensees do not seem to think the NRC staff need to know of the "extent and nature" of plant hardware modifications that will be performed (e.g., description of configuration changes). Quite often, licensees submit the applications before completing the necessary design work that must be in place before commencing with the EPU. Licensees need to include baseline data from current licensed thermal power in the application, for the feed and steam line piping vibration because the American Society of Mechanical Engineers Operation and Maintenance Code 3 (O&M-3) limits may be exceeded if the extent and nature of the specific plant modifications are not described and evaluated in the application. The NRC staff recommended the licensee review safety evaluations and the RAIs that were asked for Millstone 3 and Comanche Peak stretch power uprates. The NRC staff stated, and the licensee agreed, that for modifications performed under Title 10 of the *Code of Federal Regulations* (10 CFR) 50.59, the evaluation required by the regulation would be complete before submitting the application.

The NRC staff asked about the licensee's plans to address the non-conservative technical specifications (TS) that the licensee's calculation reconstitution project identified. The licensee stated they planned to address any TS that need to be changed in the EPU. The NRC staff informed the licensee that, the NRC staff expectations on how licensees are supposed to address non-conservative TS are contained in NRC Administrative Letter 98-10: "Dispositioning of Technical Specifications That Are Insufficient to Assure Plant Safety".

The NRC staff asked if the licensee still planned to send the input files for the small break loss-of-coolant accident and the required submittal under 10 CFR 50.46. The licensee responded they would submit the required documentation.

In the electrical area, the licensee stated, they will evaluate the environmental qualifications of plant equipment in the EPU and not in the AST. The licensee also stated that the grid stability evaluation has already been evaluated by the grid operator.

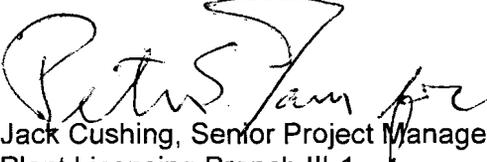
The licensee stated, they planned to make modifications that will reduce the core damage frequency by an order of magnitude, and address fire protection issues associated with the AFW system.

In the environmental area the licensee stated that there were no significant environmental impacts, and they had been working with the State of Wisconsin. The NRC staff recommended that the licensee review RS-001 to make sure all the environmental impacts are analyzed. In particular, Tables S-3 and S-4 of 10 CFR 51 contain requirements on analyzing the environmental impacts of the fuel cycle.

The meeting concluded with the licensee thanking the NRC staff for the feedback on the upcoming EPU submittal.

Members of the public were not in attendance therefore, Public Meeting Feedback forms were not received.

Please direct any inquiries to Jack Cushing at 301-415-1424, or Jack.Cushing@nrc.gov.



Jack Cushing, 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

Enclosure:
List of Attendees

cc w/encls: Distribution via ListServ

LIST OF ATTENDEES
FOR MEETING WITH FPL ENERGY POINT BEACH, LLC
POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2
REGARDING A PROPOSED EXTENDED POWER UPRATE

Name	Title	Organization
Liz Abbott	Director Nuclear Projects Eng	FPL
Ivy Netzel	PBNP Licensing	FPL
Norman Hanley	Project Manager	Shaw Stone & Webson
Robert Taylor	Chief, Accidental Dose Branch	NRC
DyLanne Dungneaud	Reactor Eng/Accident Dose Branch	NRC
Robert Krsek	SRI/Point Beach	NRC
Jay Collins	NRR/DCI/CPNB	NRC
Emma Wong	NRR/DCI/CSGB	NRC
Naeem Iqbal	NRR/DRA/AFPB	NRC
Uriel Bachrach	Engineer	Westinghouse
Andrew Bowman	Engineer	Westinghouse
David Dominicis	Project Manager	Westinghouse
Patricia Vaugh	Project Manager	Westinghouse
Mark Hartzman	Sr. Mech Eng.	US NRC
Kamal Manoly	Branch Chief, EMCB, DE	NRR
Tom Alexion	SR Project Manager	NRC
Hukam Garg	Sr. Electrical Engineer	NRR/DE/EICB
Benjamin Parks	Rx Systems Engineer	NRC
Shawn O. Marshall	Rx Systems Engineer	NRC/Res
Lois M. James	Branch Chief	NRR/DORL/Lpl3-1
Jack Cushing	Project Manager/Point Beach	NRR/DORL/Lpl3-1
Steve Hale	FPL Engineering Dir. Power Uprate	
Jim Peschel	Licensing Director	FPL
Pat Vaugh		Westinghouse
Andrew Bowman		Westinghouse

ENCLOSURE

October 6, 2008

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/RA/ P. Tam for

Jack Cushing, Senior Project Manager
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cc w/encls: See next page

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NAME	JCushing <i>xc</i>	GLappe <i>g</i>	KManoly <i>km</i>	RTaylor	BHarrison	LJames <i>lj</i>
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