



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

July 29, 2015

Mr. Eric McCartney
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 – STAFF REVIEW OF
INTERIM EVALUATION ASSOCIATED WITH REEVALUATED SEISMIC
HAZARD IMPLEMENTING NEAR-TERM TASK FORCE RECOMMENDATION
2.1 (TAC NOS. MF5263 AND MF5264)

Dear Mr. McCartney:

By letter dated March 12, 2012 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML12053A340), the U.S. Nuclear Regulatory Commission (NRC) issued a request for information pursuant to Title 10 of the *Code of Federal Regulations* Part 50, Section 50.54(f) (hereafter referred to as the 50.54(f) letter). The request was issued as part of implementing lessons-learned from the accident at the Fukushima Dai-ichi nuclear power plant. Enclosure 1 to the 50.54(f) letter requested that licensees reevaluate seismic hazards at their sites using present-day methodologies and guidance. Enclosure 1, Item 6, of the 50.54(f) letter requested that licensees identify "interim evaluation and actions taken or planned to address the higher seismic hazard relative to the design basis as appropriate, prior to completion of the [seismic] risk evaluation." In addition to the interim evaluation provided in the March 2014 Seismic Screening and Hazard report, the licensees for the Central and Eastern United States committed to providing the Expedited Seismic Evaluation Process (ESEP) report, an interim evaluation, by December 31, 2014.

By letter dated December 22, 2014¹, NextEraEnergy Point Beach, LLC (the licensee), provided its ESEP report in a response to Enclosure 1, Item (6) of the 50.54(f) letter, for the Point Beach Nuclear Plant, Units 1 and 2 (Point Beach). The NRC staff assessed the licensee's implementation of the ESEP guidance through the completion of a reviewer checklist². Based on the NRC staff review of the ESEP report, the NRC staff concludes that the licensee's implementation of the interim evaluation meets the intent of the guidance.

The staff concludes that, through the implementation of the ESEP guidance, the licensee identified and evaluated the seismic capacity of certain key installed mitigating strategies equipment that is used for core cooling and containment functions to cope with scenarios that

¹ The December 22, 2014, letter can be found under ADAMS Accession No. ML14356A426.

² The Point Beach ESEP NRC review checklist can be found under ADAMS Accession No. ML15196A020.

E. McCartney

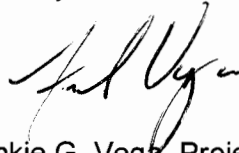
- 2 -

involve a loss of all alternating current power and loss of access to the ultimate heat sink to withstand a seismic event up to 1.91 times the safe shutdown earthquake for Point Beach. The licensee's ESEP assessment provides additional assurance which supports continued plant safety while the longer-term seismic evaluation is completed to support regulatory decision making. The NRC staff concludes that the licensee responded appropriately to Enclosure 1, Item (6) of the 50.54(f) letter. Application of this review is limited to the interim evaluation as part of the Recommendation 2.1 Seismic review.

The NRC staff notes that Section 8.4 of the December 22 2014, letter contains regulatory commitments to complete ESEP activities and submit a results letter to NRC within 60 days following completion of ESEP activities.

If you have any questions, please contact me at (301) 415-1617 or via e-mail at Frankie.Vega@nrc.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'Frankie Vega', is positioned above the typed name.

Frankie G. Vega, Project Manager
Hazards Management Branch
Japan Lessons-Learned Division
Office of Nuclear Reactor Regulation

Docket Nos. 50-266 and 50-301

cc: Distribution via Listserv

E. McCartney

- 2 -

involve a loss of all alternating current power and loss of access to the ultimate heat sink to withstand a seismic event up to 1.91 times the safe shutdown earthquake for Point Beach. The licensee's ESEP assessment provides additional assurance which supports continued plant safety while the longer-term seismic evaluation is completed to support regulatory decision making. The NRC staff concludes that the licensee responded appropriately to Enclosure 1, Item (6) of the 50.54(f) letter. Application of this review is limited to the interim evaluation as part of the Recommendation 2.1 Seismic review.

The NRC staff notes that Section 8.4 of the December 22 2014, letter contains regulatory commitments to complete ESEP activities and submit a results letter to NRC within 60 days following completion of ESEP activities.

If you have any questions, please contact me at (301) 415-1617 or via e-mail at Frankie.Vega@nrc.gov.

Sincerely,

/RA/

Frankie G. Vega, Project Manager
Hazards Management Branch
Japan Lessons-Learned Division
Office of Nuclear Reactor Regulation

Docket Nos. 50-266 and 50-301

cc: Distribution via Listserv

DISTRIBUTION:

PUBLIC

JLD R/F

RidsOeMailCenter

RidsNrrDorlpl3-1

RidsRgn3MailCenter

DJackson, NRO

NDiFrancesco, NRR

RidsNrrPMPilgrim

RidsNrrLASLent

RidsNrrOd

MShams, NRR

ADAMS Accession Number: **ML15209A657**

* via concurrence e-mail

OFFICE	NRR/JLD/JHMB/PM	NRR/JLD/LA	DSEA/RGS2
NAME	SWyman	SLent	DJackson*
DATE	07/28/15	07/28/15	07/10/15
OFFICE	NRR/JLD/JHMB/BC	NRR/JLD/JHMB/PM	
NAME	MShams	FVega	
DATE	07/29/15	07/29/15	

OFFICIAL RECORD COPY