



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

March 9, 2016

Mr. Eric McCartney
Site Vice President
NextEra Energy Point Beach, LLC
6610 Nuclear Road
Two Rivers, WI 54241

SUBJECT: POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2 - CORRECTION OF
TYPOGRAPHICAL ERROR IN SAFETY EVALUATION ASSOCIATED WITH
LICENSE AMENDMENT NOS. 238 AND 242

Dear Mr. McCartney:

By letter dated March 25, 2011 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML110230016), the U.S. Nuclear Regulatory Commission (NRC) issued Amendment Nos. 238 and 242 to Renewed Facility Operating License Nos. DPR-24 and DPR-27 for Point Beach Nuclear Plant (PBNP), Units 1 and 2, respectively. The amendments modified the licenses and technical specifications (TSs) to support a modification of the motor driven auxiliary feedwater (MDAFW) pumps in the auxiliary feedwater (AFW) system.

On October 15, 2015, the NRC was notified by NextEra Energy Point Beach, LLC (the licensee), that an error had been identified in the safety evaluation (SE) enclosed in the March 25, 2011 letter. Specifically, an error was noted in the discussion of the Completion Time for TS limiting condition for operation (LCO) 3.7.5, Condition C, on page 44 of the SE.

LCO 3.7.5, Condition C, is a condition with the turbine driven auxiliary feedwater (TDAFW) pump system inoperable due to one inoperable steam supply, and the MDAFW pump system inoperable. The Required Action for Condition C is to restore either the steam supply to the TDAFW pump system, or the MDAFW pump system, to operable status. The Completion Time is either 24 hours or 48 hours, depending on the availability of the opposite unit's MDAFW pump system. The existing paragraph in the SE regarding the Completion Time for Condition C reads as follows (emphasis added):

The 48 hour Completion Time is reasonable based a MDAFW pump system being available from the other unit, the capability of this system to provide 100 percent of the AFW flow requirements, and the low probability of an event occurring that would challenge the AFW system. Alternatively, the 24 hour Completion Time applies and is reasonable when a donated MDAFW system is not available from the other unit based on the remaining operable steam supply to the TDAFW pump, **the availability of the remaining operable MDAFW pump system**, and the low probability of an event occurring that would require the inoperable steam supply to be available for the TDAFW pump.

The emphasized phrase is incorrect because it refers to a "remaining operable MDAFW pump system" that would not be available. The PBNP Final Safety Analysis Report (FSAR), Section

10.2, "Auxiliary Feedwater," states that the PBNP AFW System consists of one full-capacity MDAFW pump system and one full-capacity TDAFW pump system for each unit, to ensure that adequate feedwater is supplied to the steam generators for heat removal under all circumstances, including loss of offsite power and normal heat sink. Therefore, the above paragraph was in error since it references the remaining operable MDAFW pump. If in LCO 3.7.5, Condition C, the Point Beach Nuclear Plant would not have a remaining operable MDAFW pump system.

The paragraph on page 44 of the SE regarding Completion Time is corrected to read:

The 48 hour Completion Time is reasonable based on a MDAFW pump system being available from the other unit, the capability of this system to provide 100 percent of the AFW flow requirements, and the low probability of an event occurring that would challenge the AFW system. Alternatively, the 24 hour Completion Time applies and is reasonable when a donated MDAFW system is not available from the other unit based on the remaining operable steam supply to the TDAFW pump, and the low probability of an event occurring that would require the inoperable steam supply to be available for the TDAFW pump.

The NRC staff has determined that this was an inadvertent typographical error and is entirely editorial in nature. The proposed correction does not change any of the conclusions in the SE associated with the issuance of Amendment Nos. 238 and 242 for PBNP Units 1 and 2, and does not affect the associated notice to the public. Please find enclosed the replacement page 44 for the SE associated with these amendments. If you have any questions regarding this matter, please contact me at (301) 415-8371.

Sincerely,



Mahesh Chawla, 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:
Corrected Page to Safety Evaluation
Associated with License Amendment
Nos. 238 and 242

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ENCLOSURE

POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2

DOCKET NOS. 50-266 AND 50-301

CORRECTED PAGE TO SAFETY EVALUATION ASSOCIATED WITH
LICENSE AMENDMENT NOS. 238 AND 242

pump due to the faulted SG. In this condition, the AFW system may no longer be able to meet the required flow to the SGs assumed in the safety analysis.

The 48 hour Completion Time is reasonable based on a MDAFW pump system being available from the other unit, the capability of this system to provide 100 percent of the AFW flow requirements, and the low probability of an event occurring that would challenge the AFW system. Alternatively, the 24 hour Completion Time applies and is reasonable when a donated MDAFW system is not available from the other unit based on the remaining operable steam supply to the TDAFW pump, and the low probability of an event occurring that would require the inoperable steam supply to be available for the TDAFW pump.

These changes take advantage of the evolution in policy and guidance as to the required content and preferred format of TS. Therefore, the NRC staff concludes that the proposed changes comply with 10 CFR 50.36 and are acceptable.

CONDITION D

- Replace Condition D, "Required Action and associated Completion Time of Condition A, B, or C not met

OR

Two AFW pump systems inoperable in MODE 1, 2, or 3" with:

"Required Action and associated Completion Time of Condition A, B, or C not met."

- Replace Required Action D.1 Note, "Each unit may be sequentially placed in MODE 3 within 12 hours when both units are in Condition C concurrently" with:

"Be in MODE 3."

- Replace Required Action D.2 Note, "Entry into MODE 4 is not required unless one motor driven AFW pump system is OPERABLE" with:

"Be in MODE 4."

Condition D is revised to delete the Condition of two AFW pump systems, since the modified AFW system consists of only two pump systems (MDAFW and TDAFW pump systems) per unit. Loss of both AFW pump systems is covered by Condition E. The Conditions and associated Required Actions are no longer applicable to the unitized AFW system. These changes are administrative technical changes intended to incorporate the use and application principles into the form and structure of TS so that plant operations personnel can use them more easily.

Therefore, the NRC staff concludes that the proposed changes comply with 10 CFR 50.36 and are acceptable.

10.2, "Auxiliary Feedwater," states that the PBNP AFW System consists of one full-capacity MDAFW pump system and one full-capacity TDAFW pump system for each unit, to ensure that adequate feedwater is supplied to the steam generators for heat removal under all circumstances, including loss of offsite power and normal heat sink. Therefore, the above paragraph was in error since it references the remaining operable MDAFW pump. If the LCO 3.7.5, Condition C, the Point Beach Nuclear Plant would not have a remaining operable MDAFW pump system.

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Sincerely,

/RA/

Mahesh Chawla, Project Manager
Plant Licensing Branch III-1
Division of Operating Reactor Licensing
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