



March 28, 2018

NG-18-0041

10 CFR 50.90

ATTN: Document Control Desk  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

Duane Arnold Energy Center  
Docket No. 50-331

Subject: Correction of Error in Final Technical Specification Page 1.1-3 for License Amendment Request (TSCR-168), Application to Revise Technical Specifications to Adopt TSTF-542, "Reactor Pressure Vessel Water Inventory Control"

References:

1. NextEra Energy Duane Arnold, LLC letter NG-17-0093, "License Amendment Request (TSCR-168), Application to Revise Technical Specifications to Adopt TSTF-542, 'Reactor Pressure Vessel Water Inventory Control', " June 9, 2017 (ML17164A076)
2. NRC E-mail "Final Request for Additional Information - Duane Arnold Energy Center (DAEC) -Application to Revise Technical Specifications to Adopt TSTF-542, Revision 2, 'Reactor Pressure Vessel Water Inventory Control' - CAC No. MF9829," October 4, 2017 (ML17277A365)
3. NextEra Energy Duane Arnold, LLC letter NG-17-0207, "Response to Request for Additional Information Regarding License Amendment Request (TSCR-168), Application to Revise Technical Specifications to Adopt TSTF-542, 'Reactor Pressure Vessel Water Inventory Control'," November 1, 2017 (ML17305A910)
4. NRC E-mail "Second Round of Request for Additional Information - Duane Arnold Energy Center (DAEC) - LAR to Adopt TST-542, Revision 2, 'Reactor Pressure Vessel Water Inventory Control' - CAC No. MF9829 (EPID: L-2017-LLA-0243)," December 12, 2017
5. NextEra Energy Duane Arnold, LLC letter NG-18-0015, "Response to Second Request for Additional Information Regarding License Amendment Request (TSCR-168), Application to Revise Technical Specifications to Adopt TSTF-542, 'Reactor Pressure Vessel Water Inventory Control'," February 8, 2018 (ML18039A385)

In References 1, 3 and 5, NextEra Energy Duane Arnold, LLC (NextEra) submitted a license amendment request and revisions to that request for Duane Arnold Energy Center (DAEC). In total, the proposed changes replace existing Technical Specifications (TS) requirements related to "operations with a potential for draining the reactor vessel" with new requirements on reactor pressure vessel water inventory control.

In Reference 3, NextEra provided a revised mark-up of the Technical Specifications 1.1 Definitions that included revision to the proposed definition for DRAIN TIME. On the revised mark-up Technical Specification page 1.1-3, this revision replaced the phrase “the top of the active fuel (TAF) seated in the RPV” with “the Reactor Vessel Water Level Safety Limit of T. S. 2.1.1.3”.

Included in Reference 3 was a clean, typed page of the revised Technical Specifications page 1.1-3. However, this typed page did not remove the words “the top of” when making the replacement discussed above. Enclosed is a revised copy of page 1.1-3 that removes the now incorrect words.

This revision does not alter the conclusions in Reference 1 that the change does not involve a significant hazards consideration pursuant to 10 CFR 50.92, and there are no significant environmental impacts associated with the change.

No new or revised commitments are included in this letter.

If you have any questions or require additional information, please contact J. Michael Davis, Licensing Manager, at 319-851-7032.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on March 28, 2018



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Dean Curtland  
Site Director  
NextEra Energy Duane Arnold, LLC

Enclosure

cc: Regional Administrator, USNRC, Region III,  
Project Manager, USNRC, Duane Arnold Energy Center  
Resident Inspector, USNRC, Duane Arnold Energy Center  
A. Leek (State of Iowa)

ENCLOSURE

**NextEra's Revision of the Clean, Typed Technical Specification Page 1.1-3**

1 page follows

1.1 Definitions (continued)

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CORE OPERATING LIMITS REPORT (COLR)	The COLR is the unit specific document that provides cycle specific parameter limits for the current reload cycle. These cycle specific limits shall be determined for each reload cycle in accordance with Specification 5.6.5. Plant operation within these limits is addressed in individual Specifications.
DOSE EQUIVALENT I-131	DOSE EQUIVALENT I-131 shall be that concentration of I-131 (microcuries/ml), that alone would produce the same dose as the quantity and isotopic mixture of I-131, I-132, I-133, I-134, and I-135 actually present. The dose conversion factors used for this calculation shall be those listed in Federal Guidance Report (FGR) 11, "Limiting Values of Radionuclide Intake and Air Concentration and Dose Conversion Factors for Inhalation, Submersion, and Ingestion," 1989 and FGR 12, "External Exposure to Radionuclides in Air, Water, and Soil," 1993.
DRAIN TIME	The DRAIN TIME is the time it would take for the water inventory in and above the Reactor Pressure Vessel (RPV) to drain to the Reactor Vessel Water Level Safety Limit of T.S. 2.1.1.3 assuming: a) The water inventory above the T.S. 2.1.1.3 Safety Limit is divided by the limiting drain rate;

(cont'd)

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