



August 25, 2014

NG-14-0203
10 CFR 2.202

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Duane Arnold Energy Center
Docket No. 50-331
Renewed Op. License No. DPR-49

NextEra Energy Duane Arnold Energy Center, LLC's Six Month Status Report in Response to March 12, 2012 Commission Order to Modify Licenses with Regard to Reliable Spent Fuel Pool Instrumentation (Order Number EA-12-051)

- References: 1) Order EA-12-051, "Order Modifying Licenses with Regard to Reliable Spent Fuel Pool Instrumentation" dated March 12, 2012 (ML12054A682)
- 2) Letter, R. Anderson (NextEra Energy Duane Arnold, LLC) to U.S. NRC, "NextEra Energy Duane Arnold, LLC's Overall Integrated Plan in Response to March 12, 2012 Commission Order to Modify Licenses with Regard to Reliable Spent Fuel Pool Instrumentation (Order Number EA-12-051)," NG-13-0086 dated February 28, 2013 (ML13063A014)

On March 12, 2012, the Nuclear Regulatory Commission (NRC) issued Reference 1, an immediately effective Order to all licensees including NextEra Energy Duane Arnold, LLC (hereafter NextEra Energy Duane Arnold). In Reference 2, NextEra Energy Duane Arnold submitted an Overall Integrated Plan for the implementation of this Order. The Order required licensees to provide periodic status reports for the Overall Integrated Plan.

The purpose of this letter is to provide the next six-month status report pursuant to Section IV, Condition C.2, of Reference 1, that delineates progress made in implementing the requirements of Reference 1. The enclosure to this letter

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provides an update of milestone accomplishments since the last status report, including any changes to the compliance method, schedule, or need for relief and the basis, if any.

If you have any questions or require additional information, contact Ken Putnam at 319-851-7238.

I declare under penalty of perjury that the foregoing is true and correct.
Executed on August 25, 2014

A handwritten signature in black ink, appearing to read "T. A. Vehec (For)".

T. A. Vehec
Vice President, Duane Arnold Energy Center
NextEra Energy Duane Arnold, LLC

Enclosure

cc: Regional Administrator, USNRC, Region III
Resident Inspector, USNRC, Duane Arnold Energy Center
Project Manager, USNRC, Duane Arnold Energy Center

Enclosure to NG-14-0203

NextEra Energy Duane Arnold, LLC's Six Month Status Report for the
Implementation of Order EA-12-051, Order Modifying Licenses with Regard to
Reliable Spent Fuel Pool Instrumentation

**NEXTERA ENERGY DUANE ARNOLD, LLC
DUANE ARNOLD ENERGY CENTER**

**Six Month Status Report for the Implementation of Order EA-12-051, Order
Modifying Licenses with Regard to Reliable Spent Fuel Pool Instrumentation**

1. Introduction

NextEra Energy Duane Arnold, LLC (hereafter, NextEra Energy Duane Arnold) developed an Overall Integrated Plan (Reference 1), documenting the planned modification with regard to Reliable Spent Fuel Pool Instrumentation (SFPI) in response to Reference 2. This enclosure provides an update of milestone accomplishments since submittal of the Overall Integrated Plan and the last status update, including any changes to the compliance method, schedule, or need for relief/relaxation and the basis, if any.

2. Milestone Accomplishments

No milestone(s) have been completed since the submittal of the last status update (Reference 3), and are current as of July 31, 2014.

3. Milestone Schedule Status

There are no changes to Milestone dates or status since the last status update (Reference 3). The dates are planning dates subject to change as design and implementation details are developed.

Milestone	Target Completion Date	Activity Status	Revised Target Completion Date
Commence Engineering and Design	In Progress	Started	N/A
Complete Design	4Q 2015	Started	N/A
Complete Procurement of SFP Instruments	2Q 2016	Started	N/A
Complete Installation of SFP Instruments	4Q 2016	Not Started	N/A
Instruments Operational and Training Complete	4Q 2016	Not Started	N/A

4. Changes to Compliance Method

There are no changes to the compliance method as documented in the Overall Integrated Plan and past status updates.

5. Need for Relief/Relaxation and Basis for the Relief/Relaxation

Duane Arnold is not requesting relief from the requirements of Order EA-12-051 (Reference 2) at this time.

Status updates will delineate progress made, any proposed changes in compliance methods, updates to the schedule, and if needed, requests for relief and their bases.

6. Requests for Additional Information

The following table provides a summary of the status of the currently open Requests for Information.

RAI	Status
RAI – 1	In progress
RAI - 2 a, b, c	In progress
RAI – 3	In progress
RAI – 4	In progress
RAI-5 a, b, c	In progress
RAI-6	In progress
RAI-7 a, b	In progress
RAI-8 a, b	In progress
RAI-9 a, b	In progress
RAI-10 a, b, c, d	In progress
RAI-11 a, b	In progress
RAI-14	In progress

The RAI responses showing “in progress” require design information that is not available at this time. Responses to those RAIs will be provided and uploaded to the e-portal when available.

7. References

- 1) Letter, R. Anderson (NextEra Energy Duane Arnold, LLC) to U.S. NRC, “NextEra Energy Duane Arnold, LLC’s Overall Integrated Plan in Response to March 12, 2012 Commission Order to Modify Licenses with Regard to Reliable Spent Fuel Pool Instrumentation (Order Number EA-12-051),” NG-13-0086 dated February 28, 2013 (ML13063A014)
- 2) Order EA-12-051, “Order Modifying Licenses with Regard to Reliable Spent Fuel Pool Instrumentation” dated March 12, 2012 (ML12054A682)
- 3) Letter, R. Anderson (NextEra Energy Duane Arnold, LLC) to U.S. NRC, “NextEra Energy Duane Arnold Energy Center, LLC’s Six-Month Status Report in Response to March 12, 2012 Commission Order Modifying Licenses with Regard to Reliable Spent Fuel Pool Instrumentation (Order Number EA-12-051),” NG-14-0068 dated February 24, 2014 (ML14063A066)