



April 22, 2021

NG-21-0021
10 CFR 50.90

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

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

Supplement to License Amendment Request (TSCR-185): Application to Revise
Operating License to Remove Cyber Security Plan Requirements

References:

1. D. Curtland (NextEra Energy Duane Arnold, LLC) to USNRC, "License Amendment Request (TSCR-185): Application to Revise Operating License to Remove Cyber Security Plan Requirements," NG-20-0022, dated May 15, 2020 (ML20136A374)
2. P. Hansen (NextEra Energy Duane Arnold, LLC) to USNRC, "Request for Rescission of Security Orders," SI-21-002, dated March 1, 2021 (ML21067A234)
3. USNRC to D. Moul (NextEra Energy Duane Arnold, LLC), "Withdrawal of Interim Compensatory Measure B.1.a in EA-02-026, Order for Interim Safeguards and Security Compensatory Measures, and Withdrawal of EA-06-137, Order Requiring Compliance with Key Radiological Mitigation Strategies," dated April 20, 2021 (ML21067A270)

Pursuant to 10 CFR 50.90, NextEra Energy Duane Arnold, LLC (NEDA) submitted a license amendment request to remove the existing Cyber Security Plan requirements contained in Duane Arnold Energy Center (DAEC) Renewed Facility License (Reference 1).

By letter dated March 1, 2021 (Reference 2), NEDA requested that the U.S. Nuclear Regulatory Commission (NRC) rescind Security Orders EA-02-026 and EA-06-137. By letter dated April 20, 2021 (Reference 3), the NRC approved this request.

The purpose of this supplement is to request that the Renewed Facility License change reflecting the recently rescinded Security Orders (Reference 3) be included with the Security-related license amendment (Reference 1) that is currently under review.

Attachment 1 to this letter provides a markup of the Renewed Facility License page showing all proposed changes, and Attachment 2 provides the resulting clean-typed

Renewed Facility License page. These attachments replace Attachments 1 and 2 of Reference 1, respectively.

In accordance with 10 CFR 50.91, a copy of this application with enclosure is being provided to the designated State of Iowa official.

This supplement does not impact the 10 CFR 50.92 evaluation of "No Significant Hazards Consideration" previously provided in Reference 1.

This letter contains no new or revised regulatory commitments.

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



Paul Hansen
Decommissioning Director
NextEra Energy Duane Arnold, LLC

Attachments: As stated

cc: Regional Administrator, USNRC, Region III,
Project Manager, USNRC, Duane Arnold Energy Center
Inspector, USNRC, Duane Arnold Energy Center
State of Iowa

Duane Arnold Energy Center
Docket No. 50-331
NG-21-0021

ATTACHMENT 1

PROPOSED RENEWED FACILITY OPERATING LICENSE CHANGES (MARK-UP)

1 page follows

and safeguards contingency plans including amendments made pursuant to provisions of the Miscellaneous Amendments and Search Requirements revisions to 10 CFR 73.55 (51 FR 27817 and 27822) and to the authority of 10 CFR 50.90 and 10 CFR 50.54(p). The combined set of plans, which contains Safeguards Information protected under 10 CFR 73.21, is entitled: "Duane Arnold Energy Center Physical Security Plan," submitted by letter dated May 16, 2006.

~~NextEra Energy Duane Arnold, LLC shall fully implement and maintain in effect all provisions of the Commission-approved Duane Arnold Energy Center/NextEra Energy Duane Arnold, LLC Cyber Security Plan (CSP), including changes made pursuant to the authority of 10 CFR 50.90 and 10 CFR 50.54(p). The Duane Arnold Energy Center/NextEra Energy Duane Arnold, LLC CSP was approved by License Amendment No. 278, as supplemented by changes approved by license Amendment No. 284 and Amendment 291.~~

(6) Deleted

(7) Additional Conditions

The Additional Conditions contained in Appendix B, as revised through Amendment No. 279, are hereby incorporated into this license. NextEra Energy Duane Arnold, LLC shall operate the facility in accordance with the Additional Conditions.

(8) The licensee is authorized to revise the Updated Final Safety Analysis Report by deleting the footnote for Section 9.1.4.4.5 which states: "**The NRC has not endorsed the reactor building crane as single-failure proof (Reference 9)," and by deleting Reference 9 of the references for Section 9.1.

(9) Mitigation Strategy License Condition

Develop and maintain strategies for addressing large fires and explosions and that include the following key areas:

(a) Fire fighting response strategy with the following elements:

1. Pre-defined coordinated fire response strategy and guidance
2. Assessment of mutual aid fire fighting assets
3. Designated staging areas for equipment and materials
4. Command and control
5. Training of response personnel

(b) Operations to mitigate fuel damage considering the following:

1. Protection and use of personnel assets
2. Communications
3. Minimizing fire spread
4. Procedures for implementing integrated fire response strategy
5. Identification of readily-available pre-staged equipment
6. Training on integrated fire response strategy
7. Spent fuel pool mitigation measures

(c) Actions to minimize release to include consideration of:

1. Water spray scrubbing
2. Dose to onsite responders

(10) ~~The licensee shall implement and maintain all Actions required by Attachment 2 to NRC Order EA-06-137, issued June 20, 2006, except the last action that requires incorporation of the strategies into the site security plan, contingency plan, emergency plan and/or guard training and qualification plan, as appropriate.~~

ATTACHMENT 2

REVISED RENEWED FACILITY OPERATING LICENSE PAGE
(CLEAN, WITH PROPOSED CHANGES)

1 page follows

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