



February 2, 2022

SI-22-001
10 CFR 50.90
10 CFR 50.54(p)

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

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

Supplement to License Amendment Request (TSCR-188): Proposed Change to the
Physical Security Plan for the Post-Shutdown and Permanently Defueled Condition

References:

1. D. Curtland (NextEra Energy Duane Arnold, LLC) to USNRC, "License Amendment Request (TSCR-188): Proposed Change to the Physical Security Plan for the Post-Shutdown and Permanently Defueled Condition," SI-20-002, dated October 29, 2020 (ML20311A127)
2. P. Hansen ((NextEra Energy Duane Arnold, LLC) to USNRC, "Supplement to Response to Request for Additional Information Regarding the License Amendment Request to Change the Physical Security Plan for the Post-Shutdown and Permanently Defueled Condition (EPID L-2020-LLA-0236)," SI-21-015, dated November 4, 2021

NextEra Energy Duane Arnold, LLC (NEDA) submitted a License Amendment Request for the Duane Arnold Energy Center (DAEC) pursuant to 10 CFR 50.90 (Reference 1), as supplemented by Reference 2.

The enclosure to this letter provides a markup of the Facility License showing the change proposed in Reference 1, as supplemented by Reference 2.

The changes do not impact the 10 CFR 50.92 evaluation of "No Significant Hazards Consideration" previously provided in Reference 1, as supplemented.

This letter contains no new or revised regulatory commitments.

Should you have any questions regarding this matter, please contact John Schwertfeger, DAEC Security Manager, at (319) 851-7504.

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

Executed on February 2, 2022.



Paul Hansen
Decommissioning Director, Duane Arnold Energy Center
NextEra Energy Duane Arnold, LLC

Enclosure: As stated

cc: Administrator, Region III, USNRC
NRC Project Manager (w/o enclosure)
NRC Inspector (w/o enclosure)

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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~~ November 4, 2021, as supplemented.

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.