

Opening Remarks / Project Team

NextEra Energy Duane Arnold

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Agenda

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Meeting Purpose and Goal

Purpose:

- Provide overview of site
- Discuss path forward for NRC National Environmental Policy Act (NEPA) review
- Discuss the timeline for restart

Goal:

Gain understanding and NRC feedback on process for NRC's NEPA review

Licensing History

- Duane Arnold commenced commercial operation in 1974
 - One BWR with thermal output of 1,912 MWt, output of 610 MWe
 - Site is approximately 500 acres
- License renewal granted in December 2010, with the current operating license expiring in 2034
- Ceased operations in 2020. Currently, idled and in decommissioning status
- On January 23, NextEra Energy Duane Arnold, LLC submitted the following documents
 - Duane Arnold restart overview and regulatory path to reauthorization of power operations
 - Request for exemption from 10 CFR 50.82(a)(2), officially notifying NRC of NextEra Energy Duane Arnold, LLC's intention to submit a series of licensing applications to support open communications and agency resource planning

Current Plant Status

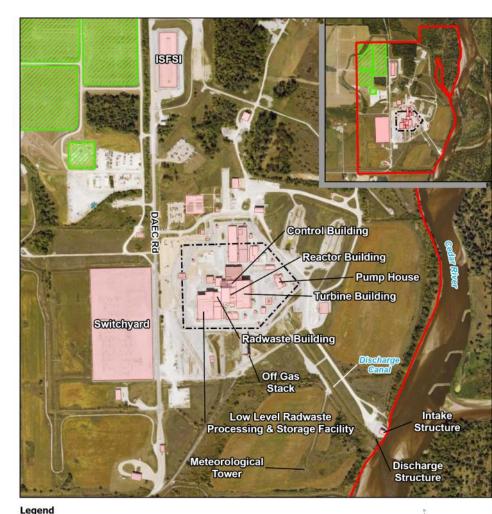
- All spent fuel transferred to Independent Spent Fuel Storage Installation (ISFSI)
- Spent fuel pool is filled without fuel
- Major systems status:
 - Most major plant systems drained and deenergized
 - Training and administrative buildings removed
 - Mechanical draft cooling towers removed
 - Generator output transformer and in-scope transmission lines removed
- The main power block buildings remain intact

Planned Restart Activities

- Plant to be restored to previous operating license condition at 2020 shutdown
- Planned plant modifications:
 - New cooling towers
 - Restoration of in-scope transmission lines
 - New office and warehouse buildings
 - Sewage treatment system upgrade
- Dredging of intake
- Permit applications to support restart activities and resumption of power operations

Station Aerial

- Duane Arnold is owned and operated by NextEra Energy Duane Arnold, LLC
- Duane Arnold Energy Center is located in Linn County, Iowa, and encompasses approximately 500 acres along the west bank of the Cedar River
- Pleasant Creek Solar now occupies approximately 40 acres of the Duane Arnold site



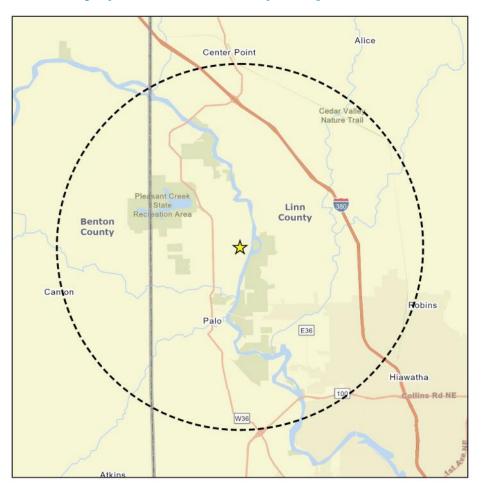


*Only onsite portion of solar farm is depicted.

Feet

0 400 800

Vicinity (6-Mile Radius) Map



Legend





6-Mile Radius



County

Current Status of the Site Major Environmental Permits and Operations

- National Pollutant Discharge Elimination System (NPDES) Wastewater Permit
- Water Use Permit
- **Linn County Minor Air Operating Permits**
- Hazardous Waste Generator
- Radioactive Material License

Current Operations

- Environmentally related equipment in operation:
 - Storm drain system discharges to a retention pond
 - Well water for cooling and as a domestic water source
 - Radwaste and control buildings HVAC systems remain energized
 - Fire protection systems

Path Forward

- Under NEPA, it is anticipated that NRC will prepare an Environmental Assessment (EA) for this restart
- NextEra Energy Duane Arnold, LLC will:
- Coordinate with the NRC Environmental Project Manager regarding the need for an environmental review document and the subject areas that would be useful to address
- Submit an environmental review document (tentatively in October 2025) that focuses on restart activities useful for the NRC's NEPA review
- Support both virtual and on-site audits for the EA preparation
- Work with NRC to determine final steps
 - Anticipated that a final EA and Finding of No Significant Impact (FONSI) will be issued within 12 months of acceptance of an environmental submittal

Discussion/Questions

