IOWA

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Public Notice: Antidegradation Alternatives Analysis for NextEra Energy Duane Arnold, LLC

1 message

Nguyen, Diane <Diane.Nguyen@fpl.com> Fri, Jan 30, 2026 at 11:33 PM

NextEra Energy Duane Arnold, LLC

3277 DAEC Road

Palo, IA 52324

Notice Date: January 31, 2026

Notice is hereby given that NextEra Energy Duane Arnold, LLC (NEDA) has completed an antidegradation alternatives analysis for the discharge of cooling tower blowdown to the Cedar River. The action being considered is to reincorporate cooling tower blowdown and process wastewater back into NPDES Permit Number 5700104 to be able to resume operations at the Duane Arnold Energy Center. Cooling tower blowdown is proposed to be discharged via an existing gravity flow pipeline to the Cedar River, as was previously authorized by the facility's NPDES Permit prior to the plant ceasing operations in August 2020. Process wastewater (low volume wastewater) is proposed to be treated with a sedimentation basin system to meet effluent guidelines in accordance with 40 CFR 423.12(b). The treated process wastewater is proposed to be reused in the Circulating Water System to improve water conservation measures and avoid a direct discharge to the Cedar River. The Cedar River is protected for Class A1 primary contact recreational and B(WW1) warm water beneficial uses.

Anyone wishing to comment on the proposed action must do so in writing within 30 days of the date shown at the top of this notice. Comments may be submitted to NEDA via email: DuaneArnoldEnergyCenter@NextEraEnergy.com

Copies of this notice and the antidegradation alternatives analysis may be requested by contacting NEDA via email: DuaneArnoldEnergyCenter@NextEraEnergy.com

NEDA will submit a summary of comments received and NEDA's responses to the Iowa Department of Natural Resources (IDNR) with the final alternatives analysis subject to IDNR review and approval.