

**From:** [Somerville, Eric](#)  
**To:** [Lloyd Desotell](#)  
**Subject:** [External\_Sender] CWA 401(a)(2): "Southern Nuclear Operating Co, Inc; Hatch Nuclear Plant Unit Nos. 1 and 2; Subsequent License Renewal"  
**Date:** Thursday, December 4, 2025 10:56:11 AM

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Good morning-

Thank you for your notification of a Water Quality Certification for the proposed Southern Nuclear Operating Company, Inc.; Hatch Nuclear Plant, Unit Nos. 1 and 2; Subsequent License Renewal (Operating License Nos. DPR-57 and NPF-5). EPA considered the potential for water quality impacts to a neighboring jurisdiction from the project as certified.

The proposed license renewal will include the discharge of cooling tower blowdown, low volume wastewater, sanitary wastewater, intake screen/strainer backwash, and industrial stormwater into the Altamaha River in Appling County, Georgia. The project site lies in the Bay Creek- Altamaha River HUC12 (030701060106), which is part of the Altamaha HUC8 (03070106). Discharges from the project site will flow in the Altamaha River for over 100 river-miles before reaching the Atlantic Ocean near Darien, Georgia.

EPA will not issue a "may affect" determination for this project pursuant to CWA Section 401(a)(2).

Eric Somerville  
U.S.EPA Region 4 | Ocean, Wetlands & Streams Protection Branch  
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**From:** [DARTER Sys Admin](#)  
**To:** [Lloyd Desotell](#)  
**Subject:** [External\_Sender] EPA has received your Clean Water Act Section 401(a)(2) Project: "Southern Nuclear Operating Company, Inc.; Edwin I. Hatch Nuclear Plant, Unit Nos. 1 and 2; Subsequent License Renewal. Operating License Nos. DPR?57 and NPF?5"  
**Date:** Thursday, November 20, 2025 3:11:36 PM

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This e-mail confirms you successfully submitted the Clean Water Act Section 401(a)(2) notice for the following project to EPA. Please review the following information and maintain a copy for your records.

**Questions:**

- If there are any issues and/or questions regarding this submission, the appropriate EPA Regional contact will reach out to the federal agency POC e-mail address provided in the form.
- If you have any questions about this submission, or if this form was submitted in error, please contact the [EPA Regional point of contact](#) for the [EPA Region where the project is located](#).
- If you have any general questions about CWA Section 401(a)(2) and/or this form, please contact [cwa401@epa.gov](mailto:cwa401@epa.gov). For more information about CWA Section 401, please visit <https://www.epa.gov/cwa-401>.

**Submitted Information:**

**Submission ID:**  
51088

**Project Name:**  
Southern Nuclear Operating Company, Inc.; Edwin I. Hatch Nuclear Plant, Unit Nos. 1 and 2; Subsequent License Renewal. Operating License Nos. DPR-57 and NPF-5

**Name of Federal Agency POC:**  
Lloyd Desotell

**Contact Information for Federal Agency POC:**  
[lloyd.desotell@nrc.gov](mailto:lloyd.desotell@nrc.gov)

**Name of Federal Licensing or Permitting Agency:**  
NRC

**Federal License or Permit Type:**  
Renewed Facility Operating Licenses for Nuclear Power Plants

**Project Location:**  
-82.34417, 31.93454

**EPA Region:**  
Region 4

**Additional Information about the Project Location:**

Edwin I. Hatch Nuclear Plant Units 1 and 2 are located in Appling County, Georgia, approximately 11 miles north of Baxley, Georgia.

**Certifying Authority:**

State

**Name of Certifying State or Territory:**

Georgia

**Water Quality Certification Decision:**

Grant of certification with conditions

**Project Description:**

The U.S. Nuclear Regulatory Commission is considering an application for the subsequent renewal of Renewed Facility Operating License Nos. DPR-57 and NPF-5, which authorize Southern Nuclear Operating Company, Inc. (SNC) to operate Edwin I. Hatch Nuclear Plant (HPN), Unit Nos. 1 and 2, respectively. The operating licenses (OLs) were initially renewed in 2002. The current Unit 1 OL will expire at midnight on August 6, 2034, and the current Unit 2 OL will expire at midnight on June 13, 2038. The subsequent renewed licenses would authorize SNC to operate HPN for an additional 20 years beyond the period specified in each of the current licenses. The HNP units are boiling-water reactors designed by General Electric and are located near Baxley, Georgia. HPN is categorized as a Steam Electric Power Generating Point Source under 40 CFR Part 423. The HNP uses a closed-loop system for main condenser cooling and discharges an approximate average of 41 MGD of cooling tower blowdown, low volume wastewater, sanitary wastewater, intake screen/strainer backwash, liquid radwaste and stormwater. The Altamaha River serves as the receiving waters for HPN's discharges. The nature of HPN's discharges is further described in Section 3.6.1.2 of SNC's Environmental Report (ER) and HPN's current National Pollutant Discharge Elimination System permit (No. GA0004120) and Fact Sheet, included as Attachment A to HPN's ER.

**Other Information about the Project:**

Not applicable

**Document (Water Quality Certification/Waiver):**

Hatch 401 Certification letter Sept 2025.pdf

**Document (Federal License/Permit Application):**

<https://adamsxt.nrc.gov/navigator/AdamsXT/content/downloadContent.faces?objectStoreName=MainLibrary&vsId=%7bA022B7D2-B64E-C6F6-97D3-96D55EB00001%7d&ForceBrowserDownloadMgrPrompt=false>