

(5) Natural and anthropogenic disaster prevention or mitigation.

(6) Advanced communications technology and immersive technology.

(7) Biotechnology, medical technology, genomics, and synthetic biology.

(8) Data storage, data management, distributed ledger technologies, and cybersecurity, including biometrics.

(9) Advanced energy and industrial efficiency technologies, such as batteries and advanced nuclear technologies, including but not limited to for the purposes of electric generation

(10) Advanced materials science, including composites 2D materials, other next-generation materials, and related manufacturing technologies.

The legislation tasked the TIP directorate to annually review and, as appropriate, update the list of key technology focus areas.

Information Requested. Respondents may provide responses to one or as many questions below as they choose, keeping the response to each question (*i.e.* 1.a., 1.c.) to four sentences or fewer. Through this RFI, NSF seeks information to inform an assessment and potential update of the list of 10 key technology focus areas for the TIP directorate.

1. Considering how each of the key technology focus areas listed above contributes to America's global technological leadership and drive economic growth and national security:

a. Which, if any, technology areas currently included in the list should be revised or refined to better reflect the scope of a technology area critical to U.S. competitiveness? Please include the rationale and suggested revision.

b. Which, if any, technology areas currently included in the list are no longer critical for U.S. technological competitiveness and why?

c. What, if any, technology areas not currently included in the list are critical for U.S. technological competitiveness and should be added to the list? Why?

2. Among the 10 key technology focus areas listed above and any proposed additional areas pursuant to 1.c., what are the three most important based on each of the following considerations? Please list three technology areas for each category and include a short rationale.

a. Geopolitical technology competition.

b. Potential to power significant economic growth.

c. Ability to advance national security capabilities.

d. Likelihood to experience significant talent gaps or workforce availability risks.

e. The need for use-inspired and translational research to mature the technology.

(Authority: 42 U.S.C. 1861, *et seq.*)

Dated: June 17, 2025.

Suzanne H. Plimpton,
Reports Clearance Officer, National Science Foundation.

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BILLING CODE 7555–01–P

NUCLEAR REGULATORY COMMISSION

[Docket Nos. 50–321 and 50–366; NRC–2025–0091]

Southern Nuclear Operating Company, Inc.; Edwin I. Hatch Nuclear Plant, Unit Nos. 1 and 2; Subsequent License Renewal Application

AGENCY: Nuclear Regulatory Commission.

ACTION: Acceptance for docketing; opportunity to request a hearing and to petition for leave to intervene.

SUMMARY: The U.S. Nuclear Regulatory Commission (NRC, the 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. (Southern) to operate Edwin I. Hatch Nuclear Plant (Hatch), Unit Nos. 1 and 2. The subsequent renewed licenses would authorize Southern to operate Hatch, Unit Nos. 1 and 2, for an additional 20 years beyond the period specified in each of the current renewed licenses. The current renewed licenses for Hatch expire as follows: Unit No. 1 on August 6, 2034, and Unit No. 2 on June 13, 2038.

DATES: Requests for a hearing or petitions for leave to intervene must be filed by August 19, 2025.

ADDRESSES: Please refer to Docket ID NRC–2025–0091 when contacting the NRC about the availability of information for this action. You may obtain publicly available information related to this action using any of the following methods:

- **Federal Rulemaking website:** Go to <https://www.regulations.gov> and search for Docket ID NRC–2025–0091. Address questions about Docket IDs in *Regulations.gov* to Bridget Curran; telephone: 301–415–1003; email: Bridget.Curran@nrc.gov. For technical questions, contact the individual listed in the “For Further Information Contact” section of this document.

- **NRC's Agencywide Documents Access and Management System**

(ADAMS): You may obtain publicly available documents online in the ADAMS Public Documents collection at <https://www.nrc.gov/reading-rm/adams.html>. To begin the search, select “Begin Web-based ADAMS Search.” For problems with ADAMS, please contact the NRC's Public Document Room (PDR) reference staff at 1–800–397–4209, at 301–415–4737, or by email to PDR.Resource@nrc.gov. The subsequent license renewal application is available in ADAMS under Package Accession No. ML25135A390.

- **Public Library:** A copy of the subsequent license renewal application is available for public review at the following public library: Appling County Public Library, 242 E Parker St., Baxley, GA 31513.

- **NRC's PDR:** The PDR, where you may examine and order copies of publicly available documents, is open by appointment. To make an appointment to visit the PDR, please send an email to PDR.Resource@nrc.gov or call 1–800–397–4209 or 301–415–4737, between 8 a.m. and 4 p.m. eastern time (ET), Monday through Friday, except Federal holidays.

FOR FURTHER INFORMATION CONTACT: Brian Harris, Office of Nuclear Reactor Regulation, U.S. Nuclear Regulatory Commission, Washington, DC 20555–0001; telephone: 301–415–2277; email: Brian.Harris2@nrc.gov.

SUPPLEMENTARY INFORMATION:

I. Introduction

The NRC received a subsequent license renewal application (SLRA) from Southern dated May 15, 2025, requesting subsequent renewal of Renewed Facility Operating License Nos. DPR–57 and NPF–5, which authorizes Southern to operate Hatch, Unit Nos. 1 and 2, up to 2,804 megawatts thermal. Hatch, Unit Nos. 1 and 2, are located in Appling County, near Baxley, Georgia. Southern submitted the SLRA pursuant to part 54 of title 10 of the *Code of Federal Regulations* (10 CFR), “Requirements for Renewal of Operating Licenses for Nuclear Power Plants.” A notice of receipt of the SLRA was published in the **Federal Register** on June 2, 2025 (90 FR 23383).

The NRC staff has determined that Southern has submitted sufficient information in accordance with 10 CFR 54.19, 54.21, 54.22, 54.23, 51.45, and 51.53(c) to enable the staff to undertake a review of the SLRA and that, therefore, the SLRA is acceptable for docketing. The current docket numbers, 50–321 and 50–366, for Renewed Facility Operating License Nos. DPR–57

and NPF-5, respectively, will be retained. The determination to accept the SLRA for docketing does not constitute a determination that subsequent renewed licenses should be issued and does not preclude the NRC staff from requesting additional information as the review proceeds.

Before issuance of the requested subsequent renewed licenses, the NRC will have made the findings required by the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. In accordance with 10 CFR 54.29, the NRC may issue a subsequent renewed license on the basis of its review if it finds that actions have been identified and have been or will be taken with respect to: (1) managing the effects of aging during the period of extended operation on the functionality of structures and components that have been identified as requiring aging management review; and (2) time-limited aging analyses that have been identified as requiring review, such that there is reasonable assurance that the activities authorized by the subsequent renewed license will continue to be conducted in accordance with the current licensing basis and that any changes made to the plant's current licensing basis will comply with the Act and the Commission's regulations.

The NRC staff will also complete an environmental review of the application and will document its findings in accordance with the National Environmental Policy Act of 1969 (NEPA), as amended, and the Commission's regulations in 10 CFR part 51, "Environmental Protection Regulations for Domestic Licensing and Related Regulatory Functions." The staff will prepare an environmental assessment that will be used to determine whether an environmental impact statement is necessary, or a finding of no significant impact is warranted to satisfy the NRC's NEPA obligations. In considering the SLRA, 10 CFR 54.29 requires that the Commission must find that the applicable requirements of subpart A of 10 CFR part 51 have been satisfied and that any matters raised under 10 CFR 2.335 have been addressed.

II. Opportunity To Request a Hearing and Petition for Leave To Intervene

Within 60 days after the date of publication of this notice, any person (petitioner) whose interest may be affected by this action may file a request for a hearing and petition for leave to intervene (petition) with respect to the action. Petitions shall be filed in accordance with the Commission's "Agency Rules of Practice and

Procedure" in 10 CFR part 2. Interested persons should consult 10 CFR 2.309. If a petition is filed, the presiding officer will rule on the petition and, if appropriate, a notice of a hearing will be issued.

Petitions must be filed no later than 60 days from the date of publication of this notice in accordance with the filing instructions in the "Electronic Submissions (E-Filing)" section of this document. Petitions and motions for leave to file new or amended contentions that are filed after the deadline will not be entertained absent a determination by the presiding officer that the filing demonstrates good cause by satisfying the three factors in 10 CFR 2.309(c)(1)(i) through (iii).

A State, local governmental body, Federally recognized Indian Tribe, or designated agency thereof, may submit a petition to the Commission to participate as a party under 10 CFR 2.309(h) no later than 60 days from the date of publication of this notice. Alternatively, a State, local governmental body, Federally recognized Indian Tribe, or agency thereof may participate as a non-party under 10 CFR 2.315(c).

For information about filing a petition and about participation by a person not a party under 10 CFR 2.315, see ADAMS Accession No. ML20340A053 (<https://adamswebsearch2.nrc.gov/webSearch2/main.jsp?AccessionNumber=ML20340A053>) and on the NRC's public website at <https://www.nrc.gov/about-nrc/regulatory/adjudicatory/hearing.html#participate>.

III. Electronic Submissions (E-Filing)

All documents filed in NRC adjudicatory proceedings, including documents filed by an interested State, local governmental body, Federally recognized Indian Tribe, or designated agency thereof that requests to participate under 10 CFR 2.315(c), must be filed in accordance with 10 CFR 2.302. The E-Filing process requires participants to submit and serve all adjudicatory documents over the internet, or in some cases, to mail copies on electronic storage media, unless an exemption permitting an alternative filing method, as further discussed, is granted. Detailed guidance on electronic submissions is located in the "Guidance for Electronic Submissions to the NRC" (ADAMS Accession No. ML13031A056), and on the NRC's public website (<https://www.nrc.gov/site-help/e-submittals.html>).

To comply with the procedural requirements of E-Filing, at least 10 days prior to the filing deadline, the participant should contact the Office of

the Secretary by email at Hearing.Docket@nrc.gov, or by telephone at 301-415-1677, to: (1) request a digital identification (ID) certificate which allows the participant (or its counsel or representative) to digitally sign submissions and access the E-Filing system for any proceeding in which it is participating; and (2) advise the Secretary that the participant will be submitting a petition or other adjudicatory document (even in instances in which the participant, or its counsel or representative, already holds an NRC-issued digital ID certificate). Based upon this information, the Secretary will establish an electronic docket for the proceeding if the Secretary has not already established an electronic docket.

Information about applying for a digital ID certificate is available on the NRC's public website at <https://www.nrc.gov/site-help/e-submittals/getting-started.html>. After a digital ID certificate is obtained and a docket is created, the participant must submit adjudicatory documents in the Portable Document Format. Guidance on submissions is available on the NRC's public website at <https://www.nrc.gov/site-help/electronic-sub-ref-mat.html>. A filing is considered complete at the time the document is submitted through the NRC's E-Filing system. To be timely, an electronic filing must be submitted to the E-Filing system no later than 11:59 p.m. ET on the due date. Upon receipt of a transmission, the E-Filing system time-stamps the document and sends the submitter an email confirming receipt of the document. The E-Filing system also distributes an email that provides access to the document to the NRC's Office of the General Counsel and any others who have advised the Office of the Secretary that they wish to participate in the proceeding, so that the filer need not serve the document on those participants separately. Therefore, applicants and other participants (or their counsel or representative) must apply for and receive a digital ID certificate before adjudicatory documents are filed in order to obtain access to the documents via the E-Filing system.

A person filing electronically using the NRC's adjudicatory E-Filing system may seek assistance by contacting the NRC's Electronic Filing Help Desk through the "Contact Us" link located on the NRC's public website at <https://www.nrc.gov/site-help/e-submittals.html>, by email to MSHD.Resource@nrc.gov, or by a toll-free call at 1-866-672-7640. The NRC Electronic Filing Help Desk is available

between 9 a.m. and 6 p.m., ET, Monday through Friday, except Federal holidays.

Participants who believe that they have good cause for not submitting documents electronically must file an exemption request, in accordance with 10 CFR 2.302(g), with their initial paper filing stating why there is good cause for not filing electronically and requesting authorization to continue to submit documents in paper format. Such filings must be submitted in accordance with 10 CFR 2.302(b)–(d). Participants filing adjudicatory documents in this manner are responsible for serving their documents on all other participants. Participants granted an exemption under 10 CFR 2.302(g)(2) must still meet the electronic formatting requirement in 10 CFR 2.302(g)(1), unless the participant also seeks and is granted an exemption from 10 CFR 2.302(g)(1).

Documents submitted in adjudicatory proceedings will appear in the NRC's electronic hearing docket, which is publicly available at <https://adams.nrc.gov/ehd>, unless otherwise excluded pursuant to an order of the presiding officer. If you do not have an NRC-issued digital ID certificate as previously described, click "cancel" when the link requests certificates and you will be automatically directed to the NRC's electronic hearing docket where you will be able to access any publicly available documents in a particular hearing docket. Participants are requested not to include personal privacy information such as social security numbers, home addresses, or personal phone numbers in their filings unless an NRC regulation or other law requires submission of such information. With respect to copyrighted works, except for limited excerpts that serve the purpose of the adjudicatory filings and would constitute a Fair Use application, participants should not include copyrighted materials in their submission.

Detailed information about the license renewal process can be found under the Reactor License Renewal section icon at <https://www.nrc.gov/reactors/operating/licensing/renewal.html> on the NRC's public website. The SLRA for Hatch, Unit Nos. 1 and 2, is also available on the NRC's public website at <https://www.nrc.gov/reactors/operating/licensing/renewal/subsequent-license-renewal.html>, while the SLRA is under review.

For the Nuclear Regulatory Commission.

Dated: June 17, 2025.

Alissa Neuhausen,

*Acting Chief, License Renewal Project Branch,
Division of New and Renewed Licenses, Office
of Nuclear Reactor Regulation.*

[FR Doc. 2025–11382 Filed 6–18–25; 8:45 am]

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NUCLEAR REGULATORY COMMISSION

[Docket No. 50–613; NRC–2024–0078]

US SFR Owner, LLC; Kemmerer Power Station, Unit 1; Draft Environmental Impact Statement

AGENCY: Nuclear Regulatory
Commission.

ACTION: Notice; request for comment.

SUMMARY: The U.S. Nuclear Regulatory Commission (NRC), in cooperation with the U.S. Department of Energy (DOE), is issuing for public comment a draft Environmental Impact Statement (EIS). The draft EIS is in response to an application submitted by TerraPower, LLC (TerraPower) on behalf of US SFR Owner, LLC (USO), a wholly owned subsidiary of TerraPower, for a construction permit (CP) for a Sodium advanced reactor at a site in Lincoln County, Wyoming, designated as Kemmerer Power Station, Unit 1 (Kemmerer Unit 1). USO plans to build and operate Kemmerer Unit 1 to demonstrate the Sodium advanced reactor while ultimately replacing electricity generation capacity in the PacifiCorp service area following planned retirement of existing coal-fired facilities. The draft EIS evaluates the environmental impacts of the proposed action of issuing a CP that would allow the construction of Kemmerer Unit 1, as well as the environmental impacts of the following alternatives to the proposed action: (1) the no-action alternative (*i.e.*, denying the CP application) and (2) building the proposed Sodium advanced reactor at a different location.

DATES: Submit comments on the draft EIS by August 4, 2025. Comments received after this date will be considered if it is practical to do so, but the NRC is able to ensure consideration only for comments received on or before this date.

ADDRESSES: You may submit comments by any of the following methods; however, the NRC encourages electronic comment submission through the Federal rulemaking website:

- Federal rulemaking website: Go to <https://www.regulations.gov> and search for Docket ID NRC–2024–0078. Address

questions about Docket IDs in *Regulations.gov* to Bridget Curran; telephone: 301–415–1003; email: Bridget.Curran@nrc.gov. For technical questions, contact the individual listed in the **FOR FURTHER INFORMATION CONTACT** section of this document.

- **Email:** Comments may be submitted to the NRC electronically using the email address TerraPowerEnvironmental.Resource@nrc.gov.

- **Mail comments to:** Office of Administration, Mail Stop: TWFN–7–A60M, U.S. Nuclear Regulatory Commission, Washington, DC 20555–0001, ATTN: Program Management, Announcements and Editing Staff.

For additional direction on obtaining information and submitting comments, see "Obtaining Information and Submitting Comments" in the **SUPPLEMENTARY INFORMATION** section of this document.

FOR FURTHER INFORMATION CONTACT: Patricia Vokoun, Office of Nuclear Material Safety and Safeguards, U.S. Nuclear Regulatory Commission, Washington, DC 20555–0001; telephone: 301–415–3470; email: Patricia.Vokoun@nrc.gov.

SUPPLEMENTARY INFORMATION:

I. Obtaining Information and Submitting Comments

A. Obtaining Information

Please refer to Docket ID NRC–2024–0078 when contacting the NRC about the availability of information for this action. You may obtain publicly available information related to this action by any of the following methods:

- **Federal Rulemaking Website:** Go to <https://www.regulations.gov> and search for Docket ID NRC–2024–0078.

- **NRC's Agencywide Documents Access and Management System (ADAMS):** You may obtain publicly available documents online in the ADAMS Public Documents collection at <https://www.nrc.gov/reading-rm/adams.html>. To begin the search, select "Begin Web-based ADAMS Search." For problems with ADAMS, please contact the NRC's Public Document Room (PDR) reference staff at 1–800–397–4209, at 301–415–4737, or by email to PDR.Resource@nrc.gov. The draft EIS is available in ADAMS under Accession No. ML25154A651.

- **NRC's PDR:** The PDR, where you may examine and order copies of publicly available documents, is open by appointment. To make an appointment to visit the PDR, please send an email to PDR.Resource@nrc.gov or call 1–800–397–4209 or 301–415–4737, between 8 a.m. and 4 p.m. eastern