

# Renewing Nuclear Power Plant Operating Licenses – Environmental Review

## Cumulative Effects of Regulation

Public Meeting  
November 8, 2023

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# Agenda

- Purpose of Meeting
- Cumulative Effects of Regulation
- Summary of Proposed Rule Amendment
- Changes to the Draft Final Rule
- Effective and Compliance Date of Final Rule
- Public Feedback and Questions
- Closing NRC Remarks and Adjourn

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# Meeting Purpose

- Discuss proposed effective and compliance date of final rule
- Obtain public feedback on the effective date as it pertains to cumulative effects of regulation (CER)
- Discuss changes to draft final rule
- NRC will not provide written responses to any comments made at this meeting

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# Schedule

March 3, 2023	Proposed rule published ( <a href="#">88 FR 13329</a> ) for 60-day public comment period
May 2, 2023	Public comment period closed (1,885 comment submissions)
March 2024	Submit draft final rule package to the Commission

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# Cumulative Effects of Regulation

- CER is a term used by the NRC to refer to the challenges that licensees and other entities face while implementing multiple regulatory actions within a limited implementation period and with limited available resources
- This CER public meeting is intended to obtain feedback during the draft final rule development to inform the implementation schedule

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# CER Considerations

- Changes to the draft final rule
- NRC staff's expectations for final rule effective and compliance date
- Public feedback

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# Summary of Amendments

- Codifies the revised Category 1 (generic) conclusions of the draft revised LR GEIS in Table B-1 in Appendix B to Subpart A of 10 CFR 51
  - Conclusions have been expanded to specifically account for SLR (one term), initial LR and other new information since the 2013 LR GEIS
- Revises Table B-1 to account for lessons learned, knowledge gained, and experience from environmental reviews performed since development of the LR GEIS, Revision 1 (2013)
- Updates 10 CFR 51.53 and Table B-1 to reflect new scientific data, and changes in environmental regulations and impact methodology regarding the assessment of potential environmental impacts of nuclear power plants
- Makes conforming changes to 10 CFR 51.53(c)(3) and 51.95(c)

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# Changes to Draft Final Rule

## ***Revise 10 CFR 51.53(c)(3)(ii)(G), Table B-1, and LR GEIS to clarify water sources***

- Revise wording to reflect that members of the public could be exposed to microbiological organisms in thermal effluents at nuclear plants that use cooling ponds, lakes, canals, or that discharge to publicly accessible surface waters.

## ***Revise 10 CFR 51.53(c)(3)(ii)(Q) to eliminate duplicative requirement.***

- Revise draft final rule to eliminate this duplicative requirement specific to mitigation measures for climate change impacts.



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# Question in Proposed Rule

Whether to extend the applicability of the LR GEIS beyond two license renewal terms.

- Staff found no reason to deviate from the Commission's direction, due in part to the lack of public support, no immediate industry need, and scheduling impacts.
- The final rule and LR GEIS remain applicable to one term of license renewal and one term of subsequent license renewal.

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# Effective and Compliance Date

- ***Effective Date***: 30 days after publication
- ***Compliance Date***: Up to one year after publication

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# Feedback and Questions



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# Where to Find Information

- **Regulations.gov**

<https://www.regulations.gov>

Search for docket ID: **NRC-2018-0296**

- **NRC Public Website**

<https://www.nrc.gov/reactors/operating/licensing/renewal/sled.html>



QR code

# How did we do?

Use this QR code



**OR**

Use “Meeting Feedback Form” link available in the NRC meeting notice



The screenshot shows the U.S. Nuclear Regulatory Commission (NRC) website's public meeting schedule search results. The header includes the NRC logo and navigation links. The main content area displays search criteria (Start Date: 02/13/21, End Date: 03/30/21) and a table of matching records. The first record is for a meeting on 02/16/21 from 10:00AM to 11:30AM, titled 'Meeting info'. The purpose is to hear Southern Nuclear Operating Company's (SNC's) plan for a BEACON TSM LAR for Farley and Vogtle. The location is listed as Teleconference, NA, NA MD. The participation is categorized as Category 1. A 'Meeting Feedback Form' link is provided at the bottom of the record.

Date/Time	Purpose	Location
02/16/21 10:00AM - 11:30AM	<b>Meeting info</b> The purpose of the meeting is to hear Southern Nuclear Operating Company's (SNC's) plan for a BEACON TSM LAR for Farley and Vogtle. [more...] <b>Participation:</b> Category 1 Teleconference Meeting Feedback Form	Teleconference NA NA MD

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