

U.S. Nuclear Regulatory Commission Summary of Public Meetings

Title: Environmental Scoping Meetings Related to the Dresden Nuclear Plant Subsequent License Renewal Application

Meeting Identifiers: 20240971 and 20240970

Date of Meetings: August 20, 2024

Locations: Webinars

Type of Meeting: Comment-Gathering Meetings

Purpose of the Meetings:

To gather information necessary to prepare an environmental impact statement (EIS) to evaluate the environmental impacts for the potential subsequent license renewal (SLR) of the operating license for Dresden Power Unit 2 and 3 (Dresden).

General Details:

The U.S. Nuclear Regulatory Commission (NRC) held two virtual environmental scoping public meetings as part of the Dresden, SLR environmental review. The meetings were held via Microsoft Teams on August 20, 2024, at 12 p.m. Central time, and at the second at 5 p.m. Central time (CT). Both meetings followed the same agenda, beginning with a review of meeting ground rules and an introduction of the NRC staff, followed by a presentation by the NRC staff on the license renewal process with a focus on the environmental review and scoping process. The presentation emphasized that scoping comments were welcome to help NRC define the scope of its environmental review for the Dresden Nuclear, SLR application. There was an opportunity for attendees to ask questions about the NRC staff's presentation followed by an opportunity for members of the public to provide oral scoping comments.

Afternoon meeting: Attended by twenty-nine external attendees, eight members of public, one member of U.S. Environmental Protection Agency (EPA), one member of Grundy Chamber of Commerce, two members of Grundy County Illinois, one member of the City of Morris, Illinois, one member of Coal City Fire Protection district, two members of Joliet Community College, one members of the University of Tennessee, eight Constellation employees, two members of Enercon, one member of Duke Energy, and one member of Pacific Northwest National Laboratory (PNNL).

Evening meeting: Attended by eight external attendees, which included one member of the public, one member of Environmental Law and Policy Center, three members of Constellations, two members of Enercon, and one member of PNNL.

These numbers do not include the NRC staff in attendance.

Summary of Presentation:

The NRC staff presented an overview of its review process for the Dresden, SLR application, beginning with the safety review and then going into greater detail on the environmental review. Constellation submitted its SLR application for Dresden, on April 17, 2024 (Agencywide Documents Access and Management System (ADAMS) [ML24108A010](#)). Dresden was first issued facility operating licenses on for Unit 2, February 20, 1991, and on January 12, 1971, for Unit 3, respectively. The two units were granted initial renewed licenses on October 28, 2004. The current renewed licenses will expire on Unit 2, December 22, 2029, and for Unit 3 January 12, 2031. If a license renewal is granted, it will be for an additional 20 years.

Mark Yoo, the Safety Project Manager (PM), noted that the focus of the NRC safety review is to provide aging management review (Title 10 of the *Code of Federal Regulations* (10 CFR) Part 54), to address aging effects that could impair the ability of systems, structures, and components within the scope of license renewal to perform their intended functions such that these "subsequent": "aging effects will be adequately managed during the period of extended operation;" just an emphasis on the "subsequent period." A Safety Evaluation Report will be issued prior to the NRC staff meeting with the Advisory Committee on Reactor Safeguards (ACRS). ACRS is an independent committee of experts providing advice to the Commission.

Tam Tran and Angela Sabet, the Environmental PMs, explained that the NRC conducts its environmental review in accordance with the National Environmental Policy Act of 1969 (NEPA). NEPA requires federal agencies to consider potential impacts of federal actions and in planning. The EIS review begins with the scoping process 10 CFR 51. Scoping is a process by which the NRC staff identifies the specific impacts and significant issues to be considered within the draft EIS. The Environmental PMs noted that public participation is an important aspect of scoping and that gathering comments was the purpose of this public meetings. The NRC staff considers all scoping comments provided during the public meetings, as well as written comments received during the scoping period in preparing the draft EIS. At the conclusion of the scoping process, NRC will prepare and issue an Environmental Scoping Summary Report that contains comments received during the scoping period, and includes significant issues identified because of the scoping process for further review in the EIS and consistent with the requirement to review new and significant issues that may invalidate the Generic Environmental Impact Statement conclusion summary 10 CFR 51.

The Environmental PMs explained that the NRC staff will conduct an independent assessment to document its findings in the draft EIS. The draft EIS for Dresden SLR will be issued for public comment in approximately July 2025. The NRC staff will consider any comments on the draft EIS in preparing the final EIS. In conducting its environmental review, the NRC staff will be consulting or including as cooperating agency other Federal, State, and local agencies, as well as tribal leaders in the review, as appropriate. Within the EIS, the NRC staff evaluates impacts from the proposed license renewal for a wide range of environmental resources, such as air quality, human health, wetlands, and threatened and endangered species. Ultimately, the purpose of the EIS review is to determine whether the environmental

impacts of license renewal could be so great that preserving the option of license renewal for decision makers other than NRC would become unreasonable.

Tam and Angela informed the attendees that the EIS will be considered in conjunction with the NRC staff's safety review in recommending to the Commission whether to renew the Dresden operating licenses for an additional 20-year period.

The NRC staff ended the meetings by reiterating that the closing date for submitting scoping comments is September 4, 2024. In addition to providing comments at the two public meetings, comments can be: (1) mailed to Office of Administration Mailstop TWFN-7A60M, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001; (2) submitted online using the Federal Rulemaking website at [regulations.gov](https://www.regulations.gov) (Docket ID: NRC-2024-0080); or (3) submitted electronically by email to DresdenEnvironmental.Resource@nrc.gov.

Public Participation Themes:

August 20, 2024, 12 p.m CT Meeting

The afternoon scoping meeting had twenty nine external attendees, eight members of public, one members of EPA, one members of Grundy Chamber of Commerce, two members of Grundy County Illinois, one member of the City of Morris, Illinois, one member of Coal City Fire Protection district, two members of Joliet Community College one members of University of Tennessee, eight Constellation employees, two members of Enercon, one member of Duke Energy, and one member of PNNL. The NRC received four comments, all comments were pro-nuclear, comments included several topics: Beneficial Land Use, Reduction of carbon emissions, Education support, Economic positive impacts with tax funds and jobs.

August 20, 2024, 5 p.m. CT Meeting

The evening scoping meeting had 8 external attendees, which included one member of the public, one member of Environmental Law and Policy Center, three members of Constellations, two members of Enercon, and one member of PNNL. There were no comments made at the meeting.

A complete accounting of the comments provided during both meetings can be found in the meeting transcripts which are available in the NRC's ADAMS public electronic reading room under the accession numbers listed below, <http://www.nrc.gov/reading-rm/adams.html>.

Action Items/Next Steps:

The NRC staff will address the comments received during the public commenting period as part of the review of the Dresden SLR application. The NRC staff will include an analysis of comments in the final supplemental site-specific EIS.

Attachments:**August 20, 2024, 12 p.m. Meeting**

- List of Attendees
- Meeting description and agenda – ML24220A255
- NRC staff presentation – ML24172A109
- Meeting transcript – ML24250A065

August 20, 2024, 12 p.m. Meeting

- List of Attendees
- Meeting description and agenda – ML24220A25
- NRC staff presentation – ML24172A109
- Meeting transcript - ML24250A066

List of Attendees

August 20, 2024, 12 PM Central Time Dresden Public Scoping Meeting Subsequent License Renewal Application

Name	Affiliation
Dean Marketti	Coal City Fire Protection
De Graaf, Brandon	Constellation
Dempsey, Paul	Constellation
Ello Fletcher, Iba	Constellation
Johnson, Sharon A	Constellation
Kelm, Michelle R	Constellation
Meek, Kristin C	Constellation
Pell, Hannah E	Constellation
Stalker, Allison C	Constellation
Allegra Chilstrom	Court Reporter
Guill, Paul F	Duke
Rachel Turney-Work	Enercon
Stacy Burgess	Enercon
Keeley, Alauna	EPA
Christina Van Yperen	Grundy Chamber of Commerce
Alec Macdonald	Grundy County
Mary Kucharz	Grundy County
Namuo, Clyne	Joliet Junior College
Rogers, Kelly	Joliet Junior College
Julie Wilkinson	Morris County
Angela Sabet	NRC
Brian Glowacki	NRC
Caroline Hsu	NRC
Charles Moulton	NRC
Christine Pineda	NRC
David Roth OGC	NRC
Donald Palmrose	NRC
Elijah Dickson	NRC
Gerry Stirewalt	NRC
Jean Trefethen	NRC
Jeffrey Larson	NRC
Jeffrey Rikhoff	NRC
Jennifer Davis	NRC
Jill Caverly	NRC
John Moses	NRC
Kim Conway	NRC
Lance Rakovan	NRC
Leah Parks (She/Her)	NRC

Mark Yoo	NRC
Nancy Martinez	NRC
Prema Chandrathil	NRC
Rao Tammara	NRC
Robert Hoffman	NRC
Shannon Healy	NRC
Stacey Imboden	NRC
Steve Koenick	NRC
Tam Tran	NRC
Nally, Dan	PNNL
Chris Brown	Public
Chris Spencer	Public
Eric Gibson	Public
Jim	Public
Madison Schroder	Public
Nancy Norton	Public
Philip Hult	Public
Phone Number	Public
Hayes, Alyssa Lee	University of Tennessee

List of Attendees

**August 20, 2024, at 5 p.m. Central Time Dresden Public Scoping Meeting
Subsequent License Renewal Application**

Name	Affiliation
De Graaf, Brandon M	Constellation
Nauman, Brett	Constellation
Stalker, Allison C	Constellation
Allegra Chilstrom	Court Reporter
Rachel Turney-Work	Enercon
Stacy Burgess	Enercon
Rebecca Lowy	Environmental Law and Policy Center
Angela Sabet	NRC
Caroline Hsu	NRC
Carolyn Wolf	NRC
David Roth	NRC
Lance Rakovan	NRC
Leah Parks	NRC
Mark Yoo	NRC
Nancy Martinez	NRC
Scott Burnell	NRC
Steve Koenick	NRC
tam Tran	NRC
Nally, Dan	PNNL
Phone number	Public