

U.S. Nuclear Regulatory Commission Public Meeting Summary

Title: Environmental Scoping Meeting Related to the St. Lucie Plant, Units 1 and 2, Subsequent License Renewal Application

Meeting Identifier: 20211354

Date of Meetings: Wednesday, November 3, 2021

Location: Webinar

Type of Meeting: Comment-Gathering Meeting

Purpose of the Meeting(s):

To gather information necessary to prepare an environmental impact statement to evaluate the environmental impacts for the subsequent license renewal of the operating licenses for St. Lucie Plant, Units 1 and 2. The U.S. Nuclear Regulatory Commission (NRC) is seeking public input on this action.

General Details:

The NRC held a public scoping meeting as part of the St. Lucie Plant Subsequent License Renewal environmental review. The afternoon meeting started at 1:00 p.m. Eastern Time (ET) and ended at approximately 1:30 p.m. ET. The evening meeting started at 6:00 p.m. ET and ended at approximately 6:25 p.m. ET. Each meeting began 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 safety review process and the license renewal environmental review process. The presentations emphasized that comments were welcome to help focus the environmental review. 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 comments on the scope of the environmental review to be conducted.

Approximately 42 people attended the afternoon meeting. The participants included members of the NRC staff and the public, as well as representatives of Florida Power & Light Company, the Center for Biological Diversity, Environmental Protection Agency, and the National Oceanic and Atmospheric Administration.

Approximately 29 people attended the evening meeting. The participants included members of the NRC staff and the public, as well as representatives of Florida Power & Light Company, and Enercon Services, Inc.

Summary of Presentation:

The NRC staff reviewed the Principles of License Renewal Safety Reviews, which have not changed with the transition from initial license renewal (40 to 60 years) to subsequent license renewal (60 to 80 years).

- The regulatory process adequately ensures the plant's current licensing basis provides and maintains an acceptable level of safety.

- Each plant's current licensing basis is required to be maintained during the renewal term in the same manner and to the same extent as during the original license term.

Therefore, the focus of the safety review is to identify aging effects that could impair the ability of systems, structures, and components within the scope of license renewal to perform their intended functions, and to demonstrate that these aging effects will be adequately managed during the period of extended operation. The NRC staff stressed that this focus has not changed with the transition from initial license renewal to subsequent license renewal. A single, complete Safety Evaluation Report will be issued prior to the NRC staff meeting with the Advisory Committee on Reactor Safeguards' Subcommittee on Plant License Renewal.

Regarding the environmental review, the NRC staff explained that it conducts the environmental review in accordance with the National Environmental Policy Act of 1969 (NEPA). NEPA requires federal agencies to follow a systematic approach in evaluating the potential impacts from the proposed action and alternatives to the proposed action. The environmental review begins with the scoping process. Scoping is the process by which the NRC staff identifies the specific impacts and significant issues to be considered within the draft Environmental Impact Statement (EIS) and public participation is an important aspect of scoping. The NRC staff considers all scoping comments provided during the public meeting, 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 describes comments received during the scoping period and includes significant issues identified as a result of the scoping process.

The NRC staff further explained that it also conducts an independent assessment, including an environmental site audit and documents its findings within the draft EIS. The draft EIS will be issued for public comment and the staff will consider these comments in preparing the final EIS. In conducting our environmental review, the NRC staff will be coordinating with other Federal, State, and local agencies, as well as, tribal leaders to ensure that local technical resource specialists are involved in the review. Within the EIS, the NRC 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 environmental review is to determine whether or not the environmental impacts of license renewal could be so great that preserving the option of license renewal for decision makers would become unreasonable.

The staff 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 St. Lucie Plant operating license.

The staff ended the meeting by stressing that the closing date for submitting scoping comments is November 22, 2021. In addition to providing comments at the meeting, comments can be: (1) mailed to Office of Administration Mailstop TWFN7A60M, 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-2021-0197); or (3) submitted electronically by email to SaintLucieEnvironmental@nrc.gov.

Public Participation Themes:

Afternoon Meeting

One speaker provided positive remarks about the continued operation of the plant and the positives that the plant provides.

Evening Meeting

There were no speakers in the evening meeting.

A complete accounting of the comments provided can be found in the meeting transcripts which are available in the NRC's Agencywide Documents Access and Management System 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 any comments received during the scoping period as part of the license renewal review for St. Lucie Plant. The NRC staff will develop and publish a draft Supplemental Environmental Impact Statement (SEIS) to NUREG-1437, "Generic Environmental Impact Statement for License Renewal of Nuclear Plants," which will be distributed for public comment. The NRC staff's responses to the comments received during the scoping period and received on the draft SEIS will be included in Appendix A of the SEIS. Concurrently, the NRC staff will also be preparing a safety evaluation report which documents the staff's independent safety evaluation.

Attachments:

- List of Attendees
- Meeting description and agenda – ML21292A195
- NRC staff presentation – ML21302A079
- Afternoon meeting transcript – ML21337A214
- Evening meeting transcript – ML21337A211

List of Attendees
November 3, 2021 U.S. Nuclear Regulatory Commission Environmental Scoping Meeting
Related to the St. Lucie Plant, Units 1 and 2, Subsequent License Renewal Application
Afternoon Session

NAME	AFFILIATION
Briana Arlene	Nuclear Regulatory Commission (NRC)
Beth Alferink	NRC
Scott Burnell	NRC
Phyllis Clark	NRC
Tamsen Dozier	NRC
Robert Elliott	NRC
Kevin Folk	NRC
Lauren Gibson	NRC
Lifeng Guo	NRC
Robert Hoffman	NRC
Caroline Hsu	NRC
Edwin Lea	NRC
Nancy Martinez	NRC
Matthew McMullen	NRC
Donald Palmrose	NRC
John Pelchat	NRC
Lance Rakovan	NRC
William Rautzen	NRC
Steven Roberts	NRC
Hector Rodriguez	NRC
Angela Wu	NRC
Paul Atkinson	Florida Power & Light (FPL)
Matt Brunton	FPL
Jodie Eldridge	FPL
Richard Estabrook	FPL
Stephan Franzone	FPL
Michael Friedman	FPL
William Maher	FPL
Pat Mahera	FPL
Richard Orthen	FPL
Ken Proctor	FPL
Peter Robbins	FPL
Steven Hamrick	FPL
Elise Bennett	Center for Biological Diversity

Todd Evans	Luminate
Lloyd Generette	Environmental Protection Agency
Audra Livergood	National Oceanic and Atmospheric Administration
Matthew McMullen	Court Reporter
Thomas Slavonic	Enercon
Rachel Turney-Work	Enercon

List of Attendees
November 3, 2021 U.S. Nuclear Regulatory Commission Environmental Scoping Meeting
Related to the St. Lucie Plant, Units 1 and 2, Subsequent License Renewal Application
Evening Session

NAME	AFFILIATION
Briana Arlene	NRC
Beth Alferink	NRC
Scott Burnell	NRC
Phyllis Clark	NRC
Robert Elliott	NRC
Kevin Folk	NRC
Lauren Gibson	NRC
Lifeng Guo	NRC
Robert Hoffman	NRC
Caroline Hsu	NRC
Edwin Lea	NRC
Nancy Martinez	NRC
Matthew McMullen	NRC
Angel Moreno	NRC
Dan Orr	NRC
Donald Palmrose	NRC
John Pelchat	NRC
Lance Rakovan	NRC
William Rautzen	NRC
Hector Rodriguez	NRC
Richard Estabrook	FPL
Stephan Franzone	FPL
William Maher	FPL
Richard Orthen	FPL
Ken Proctor	FPL
Pat Ma	
Matthew McMullen	Court Reporter
Thomas Slavonic	Enercon
Rachel Turney-Work	Enercon