



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

June 29, 2021

Mr. Robert Coffey
Vice President, Nuclear and
& Chief Nuclear Officer
Florida Power & Light Company
700 Universe Boulevard
Mail Stop: EX/JB
Juno Beach, FL 33408

SUBJECT: ST. LUCIE PLANT, UNITS 1 AND 2, SUBSEQUENT LICENSE RENEWAL
APPLICATION –PUBLIC MEETING SUMMARY OF JUNE 3, 2021, PRE-
SUBMITTAL MEETING

Dear Mr. Coffey:

By letter dated March 17, 2021 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML21076A314), Florida Power & Light company (FPL or the applicant), submitted a letter of intent to submit a subsequent license renewal application (SLRA) for St. Lucie Plant (St. Lucie), Units 1 and 2.

On April 21, 2021, the U.S. Nuclear Regulatory Commission (NRC, or the staff) held a public meeting with FPL to discuss the expected content of the upcoming submittal of the SLRA for St. Lucie. The meeting summary is available in ADAMS Accession No. ML21127A218.

On June 3, 2021, the NRC held a second public meeting with FPL to discuss the irradiation of concrete and reactor vessel supports. The slides for the applicant's presentation are available in ADAMS Accession No. ML21153A052.

The NRC staff began with introducing the logistics of the public meeting, including the agenda. FPL then began their presentation by discussing the removal schedule of the surveillance capsule. The capsule removal for Unit 1 as stated in the Final Safety Analysis Report has an approximate removal schedule as 38 effective full power years (EFPY). However, as part of the SLRA, the applicant plans to modify the capsule removal schedule out to 47 EFPY.

FPL provided an overview of the primary shield wall (PSW) design configuration of Unit 1 and 2. The applicant continued the presentation by discussing the irradiation of concrete. Based on the applicant's evaluation the PSW exposures to radiation result in minimal impact to the concrete and the PSW maintains its structural integrity under current licensing basis (CLB) loading when considering the irradiation effects through the subsequent period of extended operation (SPEO).

The applicant concluded the presentation by providing an overview of the design of the reactor pressure vessel (RPV) supports and the effect of irradiation on RPV supports. FPL is performing a qualitative assessment of Unit 1 and 2 RPV supports that will provide the technical justification to support an inspection-based approach. The assessment will support that a plant specific aging management program (AMP) or an enhancement to an existing AMP will not be required. In addition, it will conclude that the RPV supports will continue to perform their

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intended functions consistent with the CLB when considering irradiation effects through the SPEO.

There were no questions from members of the public during the public Q&A portion of the meeting.

If you have any questions, please feel free to contact me at Hector.Rodriguez-Luccioni@nrc.gov.

Sincerely,



Signed by Rodriguez-Luccioni, Hector
on 06/29/21

Hector Rodriguez-Luccioni, Project Manager
License Renewal Projects Branch
Division of New and Renewed Licenses
Office of Nuclear Reactor Regulation

Docket Nos. 50-335 and 50-389

Enclosure: List of Attendees

SUBJECT: ST. LUCIE PLAN, UNITS 1 AND 2, SUBSEQUENT LICENSE RENEWAL APPLICATION – PUBLIC MEETING SUMMARY OF PRE-SUBMITTAL MEETING

DATED: JUNE 29, 2021

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LWilkins, OCA

DMcIntyre, HQ/OPA

RHannah, RII/OPA

JPelchat, RII/FCO

ELea, RII/FCO

JNadel, RII/DRP

JBaptist, RII/DRS

ADAMS Accession No: ML21176A055 *via e-mail NRR-106

OFFICE	NRR/DNRL/NLRP/PM	NRR/DNRL/NRLB/LA
NAME	HRodriguez-Luccioni	SGreen
DATE	06/24/2021	06/28/21
OFFICE	NRR/DNRL/NLRP/BC	NRR/DNRL/NLRP/PM
NAME	LGibson	HRodriguez-Luccioni
DATE	6/28/2021	6/29/2021

OFFICIAL RECORD COPY

List of Attendees

All attendees participated remotely.

NRC Attendees:

Allen Hiser	James Medoff
Andrew Prinaris	Jeanne Johnston
Angela Wu	Joel Jenkins
Ashley Smith	John Tsao
Ata Istar	Jorge Cintron-Rivera
Benjamin Parks	Joseph Messina
Bill Rogers	Juan Lopez
Bob Caldwell	Kevin Heller
Brandon Wise	Lauren Gibson
Brian Allik	Leslie Terry
Brian Wittick	Lois James
Bryce Lehman	Madhumita Sircar
Carolyn Fairbanks	Marieliz Johnson
David Dijamco	Matthew McConnell
David Pratt	Matthew Yoder
David Rudland	Michael Benson
Derek Scully	Mo Sadollah
Duc Nguyen	Nageswara Karipineni
Fred Forsaty	Nan Chien
George Thomas	Natreon Jordan
Gurcharan Matharu	On Yee
Hari Kodali	Raul Hernandez
Hector Rodriguez-Luccioni	Samantha Platt
Issac Anchondo-Lopez	Steven Bloom
James Gavula	

Florida Power and Light Company (and Contractors) Attendees:

Basil Pagnozzi (FPL)	Mark Joseph (FPL)
Benjaming Amiri (Westinghouse)	Matt Brunton (Enercon)
Bruce Beisler (Enercon)	Matt Wilkinson (Enercon)
Clay Corley (Enercon)	Michael Friedman (FPL)
Donna Slivon (FPL)	Megan Murphy (FPL)
Duygu Saydam (Enercon)	Paul Atkinson (FPL)
Greg Fisher (Westinghouse)	Philip Barnes (Enercon)
James Hamlen (Enercon)	Richard Orthen (FPL)
James Wicks (Enercon)	Robert Keating (MPR Associates)
Jay D White (Westinghouse)	Scott Boggs (FPL)
Jeffrey Head (Enercon)	Stephen Hale (Enercon)
John T Aheam (Westinghouse)	Stephen K Longwell (Westinghouse)
John Daily (FPL)	Steve Franzone (FPL)
JR (Jack) Hoffman (Enercon)	Swadesh (Chuck) Ramdeen (FPL)
Katarzyna Paez (FPL)	Timothy Cleary (Enercon)
Kevin Muggleston (FPL)	Tom King (MPR Associates)
Maribel Valdez (FPL)	William Maher (FPL)
	Wyatt Godes (FPL)

Public Attendees:

Charles A Tomes (Services-6)

Yann Le Pape (ORNL)

Other Attendees:

Additional unidentified members of the public and/or industry attended the meeting