



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

FPL submitted the Subsequent License Renewal Application on January 30, 2018 (ADAMS Package Accession No. ML18037A812) therefore, it is no longer necessary to withhold as proprietary.

January 5, 2018.

LICENSEE: Florida Power & Light Company
FACILITY: Turkey Point Nuclear Generating Units 3 and 4
SUBJECT: SUMMARY OF CLOSED PRE-APPLICATION TELECONFERENCE HELD ON NOVEMBER 17, 2017, BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION STAFF AND FLORIDA POWER & LIGHT COMPANY REPRESENTATIVES TO DISCUSS THE CONCRETE DEGRADATION ASSOCIATED WITH THE TURKEY POINT NUCLEAR GENERATING UNIT NOS. 3 AND 4, SUBSEQUENT LICENSE RENEWAL APPLICATION

On November 17, 2017, the U.S. Nuclear Regulatory Commission (NRC) staff met with representatives of Florida Power & Light Company in a closed teleconference to discuss the subsequent license renewal application for the Turkey Point Nuclear Generating Units 3 and 4, specifically concrete degradation. The proprietary meeting agenda can be found at the NRC's Agencywide Documents and Access Management System Accession No. ML17297A097, a list of attendees is provided in Enclosure 1, and a summary of the meeting is provided in Enclosure 2.

Sincerely,

/RA/

Lois M. James, Senior Project Manager
Projects Management and Guidance Branch
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket Nos.: 50-250 and 50-251

Enclosures:

1. Attendance List
2. Meeting Summary

cc w/encls: See next page

Enclosure 2

SUBJECT: SUMMARY OF CLOSED PRE-APPLICATION TELECONFERENCE HELD ON NOVEMBER 17, 2017, BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION STAFF AND FLORIDA POWER & LIGHT COMPANY REPRESENTATIVES TO DISCUSS THE CONCRETE DEGRADATION ASSOCIATED WITH THE TURKEY POINT NUCLEAR GENERATING UNITS 3 AND 4, SUBSEQUENT LICENSE RENEWAL APPLICATION

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YEdmonds, NRR/DMLR
LJames, NRR/DMLR
EOesterle, NRR/DMLR
JDonoghue, NRR/DMLR
GWilson, NRR/DMLR
BWittick, NRR/DE

Steve.Franzone@fpl.com
William.Maher@fpl.com

ML18081A263

ADAMS Accession No.: ~~ML17360A243~~

*Concurrence via email

OFFICE	PM:MRPB:DMLR	LA:MRPB:DMLR	BC:ESEB:DE
NAME	LJames*	YEdmonds <i>SLent for</i>	BWittick*
DATE	01/02/2018	01/04/2018	01/04/2018
OFFICE	BC:MRPB:DMLR	PM:MRPB:DMLR	
NAME	EOesterle	LJames	
DATE	01/05/2018	01/05/2018	

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CLOSED TELECON
BETWEEN THE NRC STAFF AND FLORIDA POWER & LIGHT COMPANY
TURKEY POINT NUCLEAR GENERATING UNITS 3 AND 4
SUBSEQUENT LICENSE RENEWAL APPLICATION – CONCRETE DEGRADATION

MEETING ATTENDANCE LIST
NOVEMBER 17, 2017

PARTICIPANTS

AFFILIATIONS

Lois James	U.S. Nuclear Regulatory Commission (NRC)
Madhumita Sircar	NRC
Angela Buford	NRC
Brian Wittick	NRC
Andrew Prinaris	NRC
Carol Moyer	NRC
William Maher	Florida Power & Light Co. (FPL)
J R Hoffman	FPL
Stephen Hale	FPL
James V. Wicks	FPL
Paul Jacobs	FPL
Mitch McFarland	FPL
Steve Franzone	FPL
Ray Burski	FPL

Enclosure 1

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CLOSED TELECON
BETWEEN THE NRC STAFF AND FLORIDA POWER & LIGHT COMPANY
TURKEY POINT NUCLEAR GENERATING UNITS 3 AND 4
SUBSEQUENT LICENSE RENEWAL APPLICATION – CONCRETE DEGRADATION

TELECONFERENCE SUMMARY
NOVEMBER 17, 2017

On May 17, 2017, Florida Power & Light Company (FPL, the licensee) submitted a Notice of Intent (Agencywide Documents Access and Management System (ADAMS) Accession Nos. ML17142A036 (non-public, proprietary) and ML17139D442 (public, non-proprietary)) to submit a subsequent license renewal application (SLRA) for Turkey Point Nuclear Generating Units 3 and 4 (Turkey Point). This Notice of Intent was submitted as proprietary information. On May 25, 2017, the U.S. Nuclear Regulatory Commission (NRC) staff issued its approval of FPL's request for withholding information from public disclosure (ADAMS Accession Nos. ML17096A477 (non-public, proprietary) and ML17139D441 (public, non-proprietary)).

On November 17, 2017, the NRC staff participated in a pre-application, closed teleconference with FPL to discuss the content of the Turkey Point SLRA, specifically with respect to how the applicant intended to address irradiated concrete degradation. The proprietary meeting notice was issued on November 1, 2017 (ADAMS Accession No. ML17297A097).

The NRC staff began the teleconference by stating the meeting objectives:

- Discuss new and different items in the NUREG-2191, Rev. 0, "Generic Aging Lessons Learned for Subsequent License Renewal (GALL-SLR) Report," dated July 2017,
- Discuss current NRC activities and concerns with irradiated concrete,
- Understand how irradiated concrete is being addressed in the SLRA, and
- Outline expectations for applicants in addressing irradiation in the SLRA.

The applicant stated that it has environmental qualification (EQ) information for neutron flux and gamma radiation. Based on this information, the fluence at the RPV cavity at the end of 80 years is project to be 9.7×10^{19} neutrons/cm². The NRC staff asked if this was calculated based on taking current actual values and extrapolating or estimated. The applicant stated that the EQ evaluations were updated when the plant received an extended power uprate and that these updated EQ evaluations were used to calculate the RPV cavity fluence at 80 years.

The applicant discussed several EPRI reports issued in 2012, 2014, and 2016 and explained that it will be using these as references for the SLRA. The NRC staff pointed out that none of the referenced reports have been submitted to the NRC for review and endorsement; and cautioned the applicant about the manner in which they use such industry reports. The NRC also emphasized that the SLRA must contain sufficient relevant plant specific information for the staff to perform its review.