



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

October 14, 2021

LICENSEE: Florida Power & Light Company

FACILITY: Turkey Point Nuclear Generating, Units 3 and 4

SUBJECT: SUMMARY OF PRE-APPLICATION MEETINGS WITH FLORIDA POWER AND LIGHT CONCERNING A PROPOSED DIGITAL INSTRUMENTATION AND CONTROL UPGRADE FOR TURKEY POINT, UNITS 3 AND 4 (EPID L-2021-LRM-0007)

On August 23 and 25, 2021, partially closed observation public meetings were held between the U.S. Nuclear Regulatory Commission (NRC) and representatives of Florida Power & Light Company (the licensee; FP&L) via video conference. The purpose of the partially closed meetings was to discuss the planned digital instrumentation and control (I&C) license amendment request (LAR) for Turkey Point Nuclear Generating Units 3 and 4 (Turkey Point). The meeting notice and agenda, dated August 9, 2021, are available in the Agencywide Documents Access and Management System (ADAMS) at Accession No. ML21221A183. The presentation materials used during the meeting are available in ADAMS at Accession Nos. ML21235A093 and ML21232A017. A list of attendees is enclosed.

During the meeting FP&L discussed the vendor oversight plan (VOP) and summary of the VOP that would be included in the planned LAR, documents that would be submitted as part of the planned LAR, overview of content of the planned LAR, equipment qualification and dedication, human factors engineering program, application of leak before break analysis to the defense-in-depth and diversity evaluation, command prioritization, surveillance reduction activities, and the schedule for the planned LAR. In addition to the planned topics for the meeting, the licensee, in response to NRC staff questions, clarified which approved topical reports that the planned digital I&C would rely.

During the licensee's description of the VOP and VOP summary, the NRC staff informed the representatives of FP&L that it has the option of submitting the VOP in lieu of the VOP summary with the planned LAR. The licensee stated that it plans to submit a summary of the VOP, because submitting the VOP as part of the LAR may impede or limit its ability to make needed changes to the VOP. In response to questions from the NRC staff about the system failure analysis, which would be included in the planned LAR, and failure mode and effects analysis, which would not be included in the planned LAR, but available for audit, the licensee stated that the system failure analysis would be of lesser scope and that the failure mode and effect analysis would not be complete at the time the planned LAR would be submitted. In response to questions from the NRC staff, the licensee described the planned content of equipment qualification testing summary reports. The NRC staff informed the licensee that copies of the equipment qualifications testing summary reports would need to be provided as part of the planned LAR. The licensee stated that the equipment qualification testing summary reports would not be submitted at the same time as the planned LAR, but later. The licensee stated that the soonest that the reports would be available is May 2022. The NRC staff informed the

representatives of FP&L that late and delayed submittal of information would negatively impact the ability of the NRC staff to complete the review of the planned LAR by the date being requested by the licensee.

No regulatory decisions were made during the meeting. Members of the public were in attendance. No comments or questions from the public were received during the meeting. No public meeting feedback forms were received.

Please direct any inquiries to me at 301-415-2871 or Michael.Marshall@nrc.gov.

/RA/

Michael L. Marshall, Jr., Senior Project Manager
Plant Licensing Branch I
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-250 and 50-251

Enclosure:
List of Attendees

cc: Listserv

LIST OF ATTENDEES

AUGUST 23 AND 25, 2021, MEETING WITH FLORIDA POWER & LIGHT COMPANY

TURKEY POINT NUCLEAR GENERATING UNITS 3 AND 4

PROPOSED LICENSE AMENDMENT REQUEST

INVOLVING DIGITAL MODERNIZATION

Name	Organization
Aaron Armstrong	U.S. Nuclear Regulatory Commission (NRC)
Joseph Ashcraft	NRC
Eric Benner	NRC
Eva Brown	NRC
Li Chang	NRC
Samir Darbali	NRC
David Desaulniers	NRC
Michael Dudek	NRC
Greg Galletti	NRC
Brian Green	NRC
Bhagwat Jain	NRC
Jeanne Johnston	NRC
Natreon Jordan	NRC
Yueh-Li Li	NRC
Michael Marshall	NRC
Wendell Morton	NRC
Bo Pham	NRC
William Roggenbrodt	NRC
Jesse Seymour	NRC
Maurin Scheetz	NRC
Richard Stattel	NRC
Summer Sun	NRC
Tarico Sweat	NRC
Ian Tseng	NRC
Dan Warner	NRC
Michael Water	NRC
Khadijah West	NRC
Lynnea Wilkins	NRC
Brian Wittick	NRC
Deanna Zhang	NRC
Jack Zhao	NRC
Phil Barnes	Florida Power & Light (FP&L)
Warren Busch	FP&L
Steve Catron	FP&L
Brian Dunn	FP&L
Wesley Frewin	FP&L
Jim Goodrich	FP&L
Jarrett Mack	FP&L

Enclosure

Name	Organization
David Stoia	FP&L
Philip Tiemann	FP&L
Bill Hannaman	Framatome
Mark Harvey	Framatome
Brian Hayes	Framatome
John Hefler	Framatome
Micheal Howard	Framatome
Tom Geary	Framatome
Ron Jarrett	Framatome
McKeag Johnston	Framatome
Ron LeGrand	Framatome
William Maher	Framatome
Michael Matchins	Framatome
Jerry Mauck	Framatome
John McCague	Framatome
Jacek Nowakowski	Framatome
Ted Quinn	Framatome
Troy Soaper	Framatome
Pareez Golub	Sargent & Lundy
Tim Frost	-----
Jack Hamm	-----
Johnson McKeag	-----
Warren Odese-Gillett	-----

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JAshcraft, NRR	KWest, NRR
EBenner, NRR	LWilkins, NRR
EBrown, NRR	BWittick, NRR
LChang, NRR	DZhang, NRR
SDarbali, NRR	JZhao, NRR

ADAMS Accession Nos.:

Package: **ML21279A096**

Meeting Notice: **ML21221A183**

Meeting Summary: **ML21279A043**

Handouts: **ML21235A093, ML21232A017**

OFFICE	NRR/DORL/LPL1/PM	NRR/DORL/LPL2-2/LA	NRR/DORL/LPL2-2/BC	NRR/DORL/LPL1/PM
NAME	MMarshall	RButler	DWrona	MMarshall
DATE	10/4/2021	10/14/2021	10/14/2021	10/14/2021

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