



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

May 11, 2022

LICENSEE: Florida Power & Light Company

FACILITY: Turkey Point Nuclear Generating, Unit Nos. 3 and 4

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

On April 13, 2022, partially closed observation public meetings were held between the U.S. Nuclear Regulatory Commission (NRC) and representatives of Florida Power & Light Company (the licensee; FPL) 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 Unit Nos. 3 and 4 (Turkey Point). The meeting notice and agenda, dated April 1, 2022, are available in the Agencywide Documents Access and Management System (ADAMS) at Accession No. ML22102A198. The presentation materials used during the meeting are available in ADAMS at ML22098A090, ML22098A093, and ML22101A226. A list of attendees is provided as an enclosure.

During the meeting FPL described changes to its planned LAR, provided an update on its vendor oversight activities, described content of the planned LAR with an emphasis on human factors engineering (HFE) information, described deviations it plans to take from the alternate review process described in digital I&C instream staff guidance 06, *Licensing Process*, and provided an updated project review schedule. The licensee informed the NRC staff that it would submit a diversity and defense-in-depth evaluation for review prior to submitting the digital I&C LAR. The licensee informed the NRC staff that the HFE information will be increased, and technical specification surveillance reduction information will be included in the initial LAR submittal.

The licensee and NRC staff discussed the licensee's human system interface design implementation plan and other HFE activities. The licensee described which of the HFE activities would be described in the LAR and the timing of HFE activities that would not be included in initial LAR submittal, but the licensee planned to complete in sufficient time to support the review of the LAR by the NRC staff. FPL representatives and NRC staff confirmed a shared understanding of and alignment on the content of the LAR (including, human factors content).

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 w/enclosure: Listserv

LIST OF ATTENDEES

APRIL 13, 2022, MEETING WITH FLORIDA POWER & LIGHT COMPANY

TURKEY POINT NUCLEAR GENERATING UNIT NOS. 3 AND 4

PROPOSED LICENSE AMENDMENT REQUEST

INVOLVING PROPOSED DIGITAL INSTRUMENTATION AND CONTROL UPGRADE

Name	Organization
Eric Benner	U.S. Nuclear Regulatory Commission (NRC)
Theresa Buchanan	NRC
Samir Darbali	NRC
David Desaulniers	NRC
Greg Galletti	NRC
Brian Green	NRC
Bhagwat Jain	NRC
Jeanne Johnston	NRC
Kerri Kavanagh	NRC
Andrea Kock	NRC
Michael Mahoney	NRC
Michael Marshall	NRC
Kamishan Martin	NRC
David Rahn	NRC
Steve Ruffin	NRC
Richard Stattel	NRC
Summer Sun	NRC
Tarico Sweat	NRC
Justin Vazquez	NRC
David Wrona	NRC
Steve Wyman	NRC
Deanna Zhang	NRC
Jack Zhao	NRC
Phil Barnes	Florida Power & Light (FPL)
Warren Busch	FPL
Steve Catron	FPL
Brian Dunn	FPL
Wesley Frewin	FPL
Jim Goodrich	FPL
Jarrett Mack	FPL
Brian Haynes	Framatome
Tom Geary	Framatome
Ron Jarrett	Framatome
Jerry Mauck	Framatome
Jacek Nowakowski	Framatome

Name	Organization
Ted Quinn	Framatome
Abdelnaeem Taha	Framatome
Lee Williams	Framatome
Pareez Golub	Sargent & Lundy
John McCague	Sargent & Lundy
Marcus Adside	-----
Alan Campbell	-----
Rob Chapman	-----
Michael Davis	-----
Jim Gill	-----
Steve Kane	-----
Jeff Kos	-----
Warren Odese-Gillett	-----
Kevin Ward	-----

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TBuchanan, NRR	SWyman, NRR
SDarbali, NRR	DZhang, NRR
DDesaulniers, NRR	JZhao, NRR
GGalletti, NRR	

**ADAMS Accession Nos.:**

**Meeting Notice: ML22102A198**

**Meeting Summary: ML22129A181**

**Handouts: ML22098A090, ML22098A093, ML22101A226**

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	05/10/2022	05/10/2022	05/10/2022	05/11/2022

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