



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

WASHINGTON, D.C. 20555-0001

June 21, 2016

Mr. Mano Nazar
President and Chief Nuclear Officer
Nuclear Division
NextEra Energy
P.O. Box 14000
Juno Beach, FL 33408-0420

**SUBJECT: SUMMARY OF NRC AUDIT OF TURKEY POINT NUCLEAR GENERATING
UNIT NOS. 3 AND 4 FOR LICENSE AMENDMENT REQUEST NO. 236
(CAC NOS. MF5455 AND MF5456)**

Dear Mr. Nazar:

By letter L-2014-369 dated December 23, 2014 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML15029A297), Florida Power & Light Company submitted License Amendment Request (LAR) No. 236 to revise the Turkey Point Nuclear Generating Unit Nos. 3 and 4 (Turkey Point) Technical Specifications to adopt risk-informed completion times in accordance with the Technical Specifications Task Force (TSTF) Traveler-505, Revision 1, "Provide Risk-Informed Extended Completion Times – RITSTF [Risk Informed TSTF] Initiative 4b" (ADAMS Accession No. ML111650552).

On February 24 and 25, 2016, the U.S. Nuclear Regulatory Commission (NRC) staff and its contractors from the Pacific Northwest National Laboratory participated in a regulatory audit of Turkey Point at the NextEra Energy Offices in Juno Beach, Florida. The purpose of the audit was to understand what information the NRC staff needed to support its review of the LAR and to develop requests for additional information, as needed. The NRC staff will request any additional information needed to support its review in accordance with NRC Office of Nuclear Reactor Regulation, Office Instruction LIC-101, "License Amendment Review Procedures" (ADAMS Accession No. ML113200053).

Enclosure 1 provides the schedule of activities during the audit. Enclosure 2 provides the list of audit participants. Enclosure 3 contains a list of documents reviewed by the team.

M. Nazar

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If you have any questions regarding this issue, please contact me at (301) 415-0489 or by e-mail at Audrey.Klett@nrc.gov.

Sincerely,



Audrey L. Klett, Project Manager
Plant Licensing Branch II-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-250 and 50-251

Enclosures:

1. Audit Schedule
2. Audit Participants
3. Audit Documents

cc w/enclosures: Distribution via Listserv

Schedule of Activities

Wednesday, February 24, 2016

- 8:30 AM** Introductions
- Presentation on Risk-Informed Completion Time (RICT) Program Overview
- Discussion of license amendment request and RICT Program
 - Discussion on how external events are considered for the RICT
 - Discussion on how risk management actions are determined and implemented
- 11:30 AM** Lunch
- 12:30 PM** Presentation on Probabilistic Risk Assessment (PRA) functional definition, development, and use (PRA Request for Additional Information (RAI) 10)
- Discussion of other RAIs – PRA, Instrumentation and Control, and Technical Specifications
- 4:00 PM** End of the Day Briefings

Thursday, February 25, 2016

- 8:30 AM** Presentation on Configuration Risk Management Program (CRMP) demonstration (including presentation of user interface for evaluations)
- Discussion of reviews and acceptance testing of the CRMP model
 - Discussion on how the CRMP is maintained consistent with baseline PRA model
- Discussion of other RAIs – PRA, Instrumentation and Control, and Technical Specifications
- 11:30 AM** Lunch
- 12:30 PM** Presentation on Walkthrough sample RICT calculations
- Discussion of reviews and acceptance testing of the CRMP model
 - Discussion on how cumulative risk will be evaluated and tracked
- 4:00 PM** End of the Day Briefings
- 5:00 PM** End of day debriefs were canceled based on travel from the plant walkdowns

List of Participants

U.S. Nuclear Regulatory Commission Team

- Stacey Rosenberg, Branch Chief
- Leslie Fields, Audit Team Leader
- Perry Buckberg, Licensing Project Manager
- Jonathan Evans, Technical Reviewer
- Stephen Dinsmore, Technical Reviewer
- Norbert Carte, Technical Reviewer*
- Margaret Chernoff, Technical Reviewer*
- Audrey Klett, Licensing Project Manager*

*phone participant

Pacific Northwest National Laboratory Team

- Garill Coles, Risk Analyst
- Steve Short, Risk Analyst

Florida Power & Light Company/NextEra Energy Company

- Mahmoud Heiba
- Anil Julka
- Loren Heistard
- Jake Porterfield
- Mark Averett
- Richard Turcotte
- Larry Nicholson
- William Cross

Florida Power & Light Company/NextEra Energy Company Contractor

- Andrew Howe, JBC Nuclear, Inc., Consultant

List of Documents Reviewed

1. Hurricane Procedure
2. Configuration Management
3. Risk-Informed Completion Time (RICT) Calculations
4. Configuration Risk Management Program Procedure
5. Protected Train Procedure
6. NextEra Energy Audit Kick-Off Presentation (Presentation)
7. Turkey Point Risk-Managed Technical Specifications Overview (Presentation)
8. Overview of NextEra Energy License Amendment Request (Presentation)
9. Electric Power Research Institute Phoenix Risk Monitor Implementation Overview (Presentation)
10. Turkey Point Sample RICT Calculations (Presentation)

M. Nazar

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Sincerely,

/RA/

Audrey L. Klett, Project Manager
Plant Licensing Branch II-2
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ADAMS Accession No.: ML16154A012

***by memorandum**

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