

July 14, 2016

MEMORANDUM TO: Andrea Valentin, Executive Director
Advisory Committee on Reactor Safeguards

FROM: Francis M. Akstulewicz, Director */RA Samuel Lee for:/*
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: TURKEY POINT UNITS 6 AND 7, COMBINED LICENSE APPLICATION
— ADVANCED SAFETY EVALUATION WITH NO OPEN ITEMS FOR
CHAPTER 19, “PROBABILISTIC RISK ASSESSMENT,”
APPENDIX 19.A, “LOSS OF LARGE AREAS OF THE PLANT DUE TO
EXPLOSIONS OR FIRES (LOLA),” AND ATTACHMENT A TO
APPENDIX 19.A

By letter dated June 30, 2009, Florida Power and Light (FPL) submitted an application to the U.S. Nuclear Regulatory Commission (NRC) for a combined license (COL) for Turkey Point, Units 6 and 7.

Based on our review of the application, the staff is providing the Advisory Committee on Reactor Safeguards (ACRS) its Advanced Safety Evaluation (ASE), with no open items for Chapter 19, “Probabilistic Risk Assessment” (Agencywide Documents Access and Management System (ADAMS) Accession No. ML12262A277), Appendix 19.A, “Loss of Large Areas of the Plant Due to Explosions or Fires (LOLA)” (ADAMS Accession No. ML12262A286), and the Attachment A to Appendix 19.A (ADAMS Accession No. ML12262A294). Unless otherwise stated in the ASE, the staff’s review was based on Revision 7 of the application. The ASE is being provided to support an upcoming meeting of the subcommittee of the ACRS. The ACRS full committee meeting will be held after the subcommittee meeting.

In accordance with the memorandum to the ACRS dated March 17, 2010 (ADAMS Accession No. ML100700612), the staff has reviewed the submitted information against the categories for which the ACRS requested be used to highlight information for review by the committee. The staff’s assessment of this chapter identified the following subject for discussion with the Committee.

- Turkey Point Units 6 and 7 departures in Section 19.58, “Winds, Floods, and Other External Events” regarding initiating event frequency for high wind to determine core damage frequency.

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The staff concludes that the Chapter 19 and Appendix 19.A, ASEs do not contain any information exempt from public disclosure. However, the NRC will withhold the ASEs from public disclosure for ten business days to allow FPL the opportunity to verify the staff's conclusion that the ASEs contain no such exempt information. The Attachment A to Appendix 19.A, ASE does contain security-related information. The NRC will withhold the Attachment A to Appendix 19.A, ASE from public disclosure. Therefore, the staff requests that the ACRS withhold the Chapter 19 and Appendix 19.A, ASEs from public disclosure until the information has been released publicly in ADAMS.

The staff will inform the ACRS immediately if FPL requests that any of the information in the ASE be withheld from public disclosure.

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The staff concludes that the Chapter 19 and Appendix 19.A, ASEs do not contain any information exempt from public disclosure. However, the NRC will withhold the ASEs from public disclosure for ten business days to allow FPL the opportunity to verify the staff's conclusion that the ASEs contain no such exempt information. The Attachment A to Appendix 19.A, ASE does contain security-related information. The NRC will withhold the Attachment A to Appendix 19.A, ASE from public disclosure. Therefore, the staff requests that the ACRS withhold the Chapter 19 and Appendix 19.A, ASEs from public disclosure until the information has been released publicly in ADAMS.

The staff will inform the ACRS immediately if FPL requests that any of the information in the ASE be withheld from public disclosure.

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ADAMS Accession Numbers:

PKG: ML16189A430

MEMO: ML16190A106

SER: ML12262A277 (Chapter 19, PRA)

SER: ML12262A286 (Appendix 19.A, PUBLIC)

SER: ML12262A294 (NON-PUBLIC)

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