

July 12, 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 9, “AUXILIARY SYSTEMS”

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 9, “Auxiliary Systems” (Agencywide Documents Access and Management System (ADAMS) ML15096A428). 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. Because the majority of information in Chapter 9 of the Turkey Point Units 6 and 7 COL application is standard material incorporated by reference, the staff’s assessment is that only Section 9.2, “Water Systems” of the Chapter 9 ASE should be discussed with the ACRS Subcommittee. Further, the staff notes the following regarding the Chapter 9 ASE that may be of particular interest to ACRS:

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- ASE Section 9.2.12, "Deep Well Injection System," includes discussion of the deep well injection system (DIS), a non-safety related system, which the applicant proposes to use to dispose of plant wastewater, including both nonradioactive liquid waste and radioactive liquid waste from the liquid radwaste processing system. Additional discussion related to the DIS is discussed in ASE Section 11.2, "Liquid Waste Management Systems" (ADAMS Accession No. ML15096A457)

The staff concludes that the ASE does not contain any information exempt from public disclosure. However, the NRC will withhold the ASE from public disclosure for ten business days to allow FPL the opportunity to verify the staff's conclusion that the ASE contains no such exempt information. Therefore, the staff requests that the ACRS withhold the ASE 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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52-041

- ASE Section 9.2.12, "Deep Well Injection System," includes discussion of the deep well injection system (DIS), a non-safety related system, which the applicant proposes to use to dispose of plant wastewater, including both nonradioactive liquid waste and radioactive liquid waste from the liquid radwaste processing system. Additional discussion related to the DIS is discussed in ASE Section 11.2, "Liquid Waste Management Systems" (ADAMS Accession No. ML15096A457)

The staff concludes that the ASE does not contain any information exempt from public disclosure. However, the NRC will withhold the ASE from public disclosure for ten business days to allow FPL the opportunity to verify the staff's conclusion that the ASE contains no such exempt information. Therefore, the staff requests that the ACRS withhold the ASE from public disclosure until the information has been released publicly in ADAMS.

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52-041

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ADAMS Accession Numbers:

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SER: ML15096A428

MEMO - ML16180A282

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***via email**

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