



L-2013-259
10 CFR 52.3

September 9, 2013

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555-0001

Re: Florida Power & Light Company
Proposed Turkey Point Units 6 and 7
Docket Nos. 52-040 and 52-041
Response to NRC Request for Additional Information Letter No. 76
(eRAI 7104) - Related to SRP Section 11.04 Solid Waste Management

Reference:

1. NRC Letter to FPL dated July 29, 2013, Request for Additional Information Letter No. 076 Related to SRP Section 11.04 Solid Waste Management for the Turkey Point Nuclear Plant Units 6 and 7 Combined License Application

Florida Power & Light Company (FPL) provides, as an attachment to this letter, its response to the Nuclear Regulatory Commission's (NRC) request for additional information (RAI) 11.04.02-1 provided in the referenced letter. The attachment identifies changes that will be made in a future revision of the Turkey Point Units 6 and 7 Combined License Application (if applicable).

If you have any questions, or need additional information, please contact me at 561-691-7490.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on September 9, 2013.

Sincerely,

A handwritten signature in black ink, appearing to read 'William Maher'.

William Maher
Senior Licensing Director – New Nuclear Projects

D097
MIR

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WDM/RFO

Attachment: FPL Response to NRC RAI No.11.04.02-1 (eRAI 7104)

cc:

PTN 6 & 7 Project Manager, AP1000 Projects Branch 1, USNRC DNRL/NRO
Regional Administrator, Region II, USNRC
Senior Resident Inspector, USNRC, Turkey Point Plant 3 & 4

NRC RAI Letter No. PTN-RAI-LTR-076 Dated July 29, 2013

SRP Section: 11.04 – Solid Waste Management System

NRC RAI Number: 11.04.02-1 (eRAI 7104)

FPL, Turkey Point Units 6&7, FSAR Tier 2, Rev. 4, Section 11.4.2.4.3 and PTN SUP 11.4-2 present supplemental information on plans to develop additional storage capacity if warranted by operational needs. In describing the approach, PTN SUP 11.4-2 refers to AP1000 DCD FSAR Tier 2, Subsection 11.4.2.4.2 on generation rates of radioactive wastes by referring to “paragraph ten” in that DCD subsection. However, a review of AP1000 DCD FSAR, Tier 2, Rev. 19, Subsection 11.4.2.4.2 indicates that it only describes an option involving the potential use of a licensed central radwaste processing facility for waste processing and disposal, and does not present any data on waste generation rates. Moreover, this subsection consists of only one brief paragraph, without any subparagraphs. The applicant is requested to review the supplemental information provided in PTN SUP 11.4-2 and change the DCD citation to the correct one.

On a separate matter, the staff noted that in Turkey Point Units 6&7, FSAR Tier 2, Rev. 4, Section 11.4.7, the citation of references 202, 203, and 204 are incorrectly located in this FSAR section. A review of Turkey Point Units 6&7, FSAR Tier 2, Rev. 4, Section 11.3 and Table 11.3-203 indicates that these three references support the dose assessment analysis used in demonstrating regulatory compliance with releases of gaseous effluents in unrestricted areas. The applicant is requested to delete references 202, 203, and 204 in FSAR Tier 2, Section 11.4.7 (or explain why the references are included in that FSAR section) and relocate them to the reference section of FSAR Tier 2, Section 11.3.

FPL RESPONSE:

The citation in FSAR Subsection 11.4.2.3 (PTN SUP 11.4-2) should be to DCD Subsection 11.4.2.1. This change is shown in the Associated COLA Revisions below.

References 202, 203, and 204 in FSAR Subsection 11.4.7 will be relocated to FSAR Section 11.3. As such, a new Subsection 11.3.6, References, will be created in FSAR Section 11.3 and the noted references will be moved from FSAR Subsection 11.4.7. These changes will be made in a future COLA revision per FPL’s response to RAI 11.03-1 (eRAI 7112).

This response is PLANT SPECIFIC.

References:

None

ASSOCIATED COLA REVISIONS:

The following change to the first paragraph of FSAR Subsection 11.4.2.4.3 will be made in a future COLA revision:

In the event that offsite shipping of radwaste is not available when Units 6 & 7 become operational, temporary storage capability is available on site for greater than two years at the expected rate of radwaste generation and greater than one year at the maximum rate of radwaste generation, as described in DCD Subsection ~~11.4.2.4.2~~**11.4.2.1** paragraph ten. Implementation of waste minimization strategies could extend the duration of temporary radwaste storage capability.

ASSOCIATED ENCLOSURES:

None