

## TurkeyPointRAIsPEm Resource

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**From:** Comar, Manny  
**Sent:** Monday, July 29, 2013 4:15 PM  
**To:** TurkeyPointRAIsPEm Resource  
**Subject:** REQUEST FOR ADDITIONAL INFORMATION LTR. No: 76 RELATED TO SRP: 11.04  
SOLID WASTE MANAGEMENT FOR THE TURKEY POINT UNITS 6 AND 7 COMBINED  
LICENSE APPLICATION  
**Attachments:** PTN-RAI-LTR-076.doc

**Hearing Identifier:** TurkeyPoint\_COL\_eRAIs  
**Email Number:** 90

**Mail Envelope Properties** (377CB97DD54F0F4FAAC7E9FD88BCA6D0DB23757E26)

**Subject:** REQUEST FOR ADDITIONAL INFORMATION LTR. No: 76 RELATED TO SRP:  
11.04 SOLID WASTE MANAGEMENT FOR THE TURKEY POINT UNITS 6 AND 7 COMBINED  
LICENSE APPLICATION

**Sent Date:** 7/29/2013 4:14:36 PM

**Received Date:** 7/29/2013 4:14:38 PM

**From:** Comar, Manny

**Created By:** Manny.Comar@nrc.gov

**Recipients:**

"TurkeyPointRAIsPEm Resource" <TurkeyPointRAIsPEm.Resource@nrc.gov>

Tracking Status: None

**Post Office:** HQCLSTR01.nrc.gov

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MESSAGE	13	7/29/2013 4:14:38 PM
PTN-RAI-LTR-076.doc	62010	

**Options**

**Priority:** Standard

**Return Notification:** No

**Reply Requested:** No

**Sensitivity:** Normal

**Expiration Date:**

**Recipients Received:**

July 29, 2013

Mano K. Nazar  
Senior Vice President and Chief Nuclear Officer  
Florida Power & Light Company  
Mail Stop NNP/JB  
700 Universe Blvd  
Juno Beach, FL 33408-0420

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION LETTER NO.076 RELATED  
TO SRP SECTION 11.04 SOLID WASTE MANAGEMENT SYSTEMS FOR THE  
TURKEY POINT NUCLEAR PLANT UNITS 6 AND 7 COMBINED LICENSE  
APPLICATION

Dear Mr. Nazar:

By letter dated June 30, 2009, as supplemented by letters dated August 7, 2009, September 3, 2010, December 21, 2010, December 16, 2011 and December 14, 2012, Florida Power and Light submitted its application to the U. S. Nuclear Regulatory Commission (NRC) for a combined license (COL) for two AP1000 advanced passive pressurized water reactors pursuant to 10 CFR Part 52. The NRC staff is performing a detailed review of this application to enable the staff to reach a conclusion on the safety of the proposed application.

The NRC staff has identified that additional information is needed to continue portions of the review. The staff's request for additional information (RAI) is contained in the enclosure to this letter.

To support the review schedule, you are requested to respond within 45 days of the date of this letter. If you are unable to provide a response within 45 days, please state when you will be able to provide the response. In the event the response submitted is incomplete, please indicate in the response when the complete response will be provided. If changes are needed to the final safety analysis report, the staff requests that the RAI response include the proposed wording changes. Your response should also indicate whether any of the information provided is to be withheld as exempt from public disclosure pursuant to 10 CFR 2.390.

If you have any questions or comments concerning this matter, you may contact me at 301-415-3863 or [manny.comar@nrc.gov](mailto:manny.comar@nrc.gov).

Sincerely,

**/RA/**

Manny Comar, Lead Project Manager  
AP1000 Licensing Branch 4  
Division of New Reactor Licensing  
Office of New Reactors

Docket Nos. 52-040  
52-041

Enclosure:  
Request for Additional Information

CC: see next page

If you have any questions or comments concerning this matter, you may contact me at 301-415-3863 or manny.comar@nrc.gov.

Sincerely,

**/RA/**

Manny Comar, Lead Project Manager  
AP1000 Licensing Branch 4  
Division of New Reactor Licensing  
Office of New Reactors

Docket Nos. 52-040  
52-041  
eRAI Tracking No. 7104

Enclosure:  
Request for Additional Information

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NRO-002

OFFICE	RPAC/BC	LB4/PM	OGC	LB4/L-PM
NAME	MMcCoppin*	MComar*	RWeisman*	MComar*
DATE	4/30/13	5/14/13	7/02/13	7/29/13

\*Approval captured electronically in the electronic RAI system.

**OFFICIAL RECORD COPY**

## **Request for Additional Information 076**

Issue Date: 07/22/2013

Application Title: Turkey Point Units 6 and 7

Operating Company: Florida P and L

Docket No. 52-040 and 52-041

Review Section: 11.04 - Solid Waste Management System

Application Section: 11.4.2.4.3

### QUESTIONS

#### 11.04.02-1

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.