

## **PMTurkeyCOLPEm Resource**

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**From:** Comar, Manny  
**Sent:** Monday, March 30, 2015 8:44 AM  
**To:** TurkeyCOL Resource  
**Subject:** FW: L-2015-070 Signed 03-20-2015 Response & Response Schedule for NRC RAI Letter No. 082 (eRAI 7811)  
**Attachments:** L-2015-070 Signed 03-20-2015 Response & Response Schedule for NRC RAI Letter No. 082 (eRAI 7811).pdf

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**From:** Burski, Raymond [mailto:RAYMOND.BURSKI@fpl.com]  
**Sent:** Friday, March 20, 2015 10:21 AM  
**To:** Williamson, Alicia; Lieto, Amanda; Segala, John; Maher, William; Comar, Manny; Hoeg, Tim; Terry, Tomeka; McCree, Victor  
**Subject:** L-2015-070 Signed 03-20-2015 Response & Response Schedule for NRC RAI Letter No. 082 (eRAI 7811)

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. 082 (eRAI 7811)  
SRP Section 02.05.04 – Stability of Subsurface Materials and Foundations

Reference:

NRC Letter to FPL dated February 18, 2015, Request for Additional Information Letter No. 082 Related to SRP Section 02.05.04 – Stability of Subsurface Materials and Foundations 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 responses to the Nuclear Regulatory Commission's (NRC) request for additional information (RAI) 02.05.04-34 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).

Additionally, the NRC requested FPL to respond to the Request for Additional Information (RAI) within 30 days of the date of the referenced letter. If FPL was unable to provide a response within 30 days, NRC requested FPL to provide a schedule for the responses. The responses to 02.05.04-26, 02.05.04-27, 02.05.04-28, 02.05.04-29, 02.05.04-30, 02.05.04-31, 02.05.04-32, 02.05.04-33, 02.05.04-35, 02.05.04-36, and 02.05.04-37 are scheduled to be provided by May 15, 2015. The individual dates for the responses to these RAIs were discussed with the NRC staff during a public meeting on March 12, 2015.

FPL will make every effort to improve on the current dates and will keep the NRC project manager informed.

Ray Burski  
NNP Licensing Engineer  
Turkey Point Units 6&7 COLA Project

New Nuclear Projects  
Florida Power & Light Company  
700 Universe Blvd  
Juno Beach, FL 33408

(O) 561-694-4496

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**Subject:** FW: L-2015-070 Signed 03-20-2015 Response & Response Schedule for NRC  
RAI Letter No. 082 (eRAI 7811)  
**Sent Date:** 3/30/2015 8:43:56 AM  
**Received Date:** 3/30/2015 8:43:59 AM  
**From:** Comar, Manny

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

**Recipients:**  
"TurkeyCOL Resource" <TurkeyCOL.Resource@nrc.gov>  
Tracking Status: None

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

Files	Size	Date & Time
MESSAGE	2919	3/30/2015 8:43:59 AM
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L-2015-070  
10 CFR 52.3

March 20, 2015

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. 082 (eRAI 7811)  
SRP Section 02.05.04 – Stability of Subsurface Materials and Foundations

Reference:

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Additionally, the NRC requested FPL to respond to the Request for Additional Information (RAI) within 30 days of the date of the referenced letter. If FPL was unable to provide a response within 30 days, NRC requested FPL to provide a schedule for the responses. The responses to 02.05.04-26, 02.05.04-27, 02.05.04-28, 02.05.04-29, 02.05.04-30, 02.05.04-31, 02.05.04-32, 02.05.04-33, 02.05.04-35, 02.05.04-36, and 02.05.04-37 are scheduled to be provided by May 15, 2015. The individual dates for the responses to these RAIs were discussed with the NRC staff during a public meeting on March 12, 2015.

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

Proposed Turkey Point Units 6 and 7  
Docket Nos. 52-040 and 52-041  
L-2015-070 Page 2

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

Executed on March 20, 2015.

Sincerely,



William Maher  
Senior Licensing Director – New Nuclear Projects

WDM/RFB

Attachment: FPL Response to NRC RAI No. 02.05.04-34 (eRAI 7811)

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-082**

**SRP Section: 02.05.04 - Stability of Subsurface Materials and Foundations**

Question from Geosciences and Geotechnical Engineering Branch 1 (RGS1)

**NRC RAI Number: 02.05.04-34 (eRAI 7811)**

In response to RAI 02.05.04-13 the applicant provided a brief description of the mechanically stabilized earth (MSE) retaining wall around the Turkey Point Units 6 & 7 plant and indicated that the MSE wall is not required to maintain the function of any Seismic Category 1 structures and that the distance from the retaining wall to SSCs of interest is greater than 500 ft and thus a failure of the wall could not affect the SSCs of interest. However these statements were not included as part of the proposed FSAR revisions. In accordance with 10 CFR 100.23 (d) (4) please document these statements in the FSAR.

**FPL RESPONSE:**

Statements that indicate that the mechanically stabilized earth (MSE) wall is not required to maintain the function of any Seismic Category I structures and that the distance from the retaining wall to Seismic Category I structures is greater than 500 feet and thus a failure of the wall could not affect the SSCs of interest, as stated in the Response to RAI 02.05.04-13, will be included in FSAR Subsection 2.5.4.

This response is PLANT SPECIFIC.

**References:**

None

**ASSOCIATED COLA REVISIONS:**

A new paragraph will be inserted after the first paragraph of FSAR Subsection 2.5.4.5.1 in a future COLA revision as follows:

**The MSE wall is not required to maintain the function of any Seismic Category 1 structures. As described in Subsection 2.5.5.5, the distance from the retaining wall to any Seismic Category 1 structures of Units 6 & 7 is greater than 500 feet (Figure 2.5.4-201) which is very large compared to the height of the wall, and thus a failure of the wall could not affect the Seismic Category I structures.**

**ASSOCIATED ENCLOSURES:**

None