

## **PMTurkeyCOLPEm Resource**

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**From:** Orthen, Richard [Richard.Orthen@fpl.com]  
**Sent:** Friday, June 03, 2011 11:15 AM  
**To:** Brown, Alison; Bortone, Pilar; Matthews, David; Franzone, Steve; Hamrick, Steven; Madden, George; Maher, William; Comar, Manny; Orthen, Richard; Ross, Mitch; Stewart, Scott; McCree, Victor; Kugler, Andrew  
**Subject:** L-2011-214 Signed 06-03-2011 RAI Ltr 1104271 RAI 5699 Response  
**Attachments:** L-2011-214 Signed 06-03-2011 RAI Ltr 1104271 RAI 5699 Response.pdf

Re: Florida Power & Light Company  
Proposed Turkey Point Units 6 and 7  
Docket Nos. 52-040 and 52-041  
Response to NRC Environmental Request for Additional Information Letter 1104271 (RAI 5699)  
Environmental Standard Review Plan  
Section EIS 1.5 – Compliance and Consultations

### Reference:

1. NRC Letter to FPL dated April 27, 2011, Environmental Request for Additional Information Letter 1104271 Related to ESRP Section 1.5, Compliance and Consultations, for the Combined License Application Review for Turkey Point Units 6 and 7

Florida Power & Light Company (FPL) provides, as an attachment to this letter, its response to the Nuclear Regulatory Commission's (NRC) Environmental Request for Additional Information (RAI) 1.5-1 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).

*Richard F. Orthen  
Principal Licensing Engineer  
New Nuclear Projects NNP/JB B3314  
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**Hearing Identifier:** TurkeyPoint\_COL\_Public  
**Email Number:** 355

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**Subject:** L-2011-214 Signed 06-03-2011 RAI Ltr 1104271 RAI 5699 Response  
**Sent Date:** 6/3/2011 11:14:44 AM  
**Received Date:** 6/3/2011 11:14:54 AM  
**From:** Orthen, Richard

**Created By:** Richard.Orthen@fpl.com

**Recipients:**

"Brown, Alison" <Alison.Brown@fpl.com>  
Tracking Status: None  
"Bortone, Pilar" <Pilar.Bortone@fpl.com>  
Tracking Status: None  
"Matthews, David" <David.Matthews@nrc.gov>  
Tracking Status: None  
"Franzone, Steve" <Steve.Franzone@fpl.com>  
Tracking Status: None  
"Hamrick, Steven" <Steven.Hamrick@fpl.com>  
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"Comar, Manny" <Manny.Comar@nrc.gov>  
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"Orthen, Richard" <Richard.Orthen@fpl.com>  
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"Ross, Mitch" <Mitch.Ross@fpl.com>  
Tracking Status: None  
"Stewart, Scott" <Scott.Stewart@nrc.gov>  
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Tracking Status: None  
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Tracking Status: None

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**Expiration Date:**  
**Recipients Received:**



L-2011-214  
10 CFR 52.3

June 3, 2011

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 Environmental Request for Additional Information Letter  
1104271 (RAI 5699) Environmental Standard Review Plan  
Section EIS 1.5 – Compliance and Consultations

Reference:

1. NRC Letter to FPL dated April 27, 2011, Environmental Request for Additional Information Letter 1104271 Related to ESRP Section 1.5, Compliance and Consultations, for the Combined License Application Review for Turkey Point Units 6 and 7

Florida Power & Light Company (FPL) provides, as an attachment to this letter, its response to the Nuclear Regulatory Commission's (NRC) Environmental Request for Additional Information (RAI) 1.5-1 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 June 3, 2011.

Sincerely,

A handwritten signature in blue ink, appearing to read 'William Maher', is written over a horizontal line.

William Maher  
Senior Licensing Director – New Nuclear Projects

WDM/RFO

Proposed Turkey Point Units 6 and 7  
Docket Nos. 52-040 and 52-041  
L-2011-214 Page 2

Attachment: FPL Response to NRC RAI No. 1.5-1 (RAI 5699)

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

Proposed Turkey Point Units 6 and 7  
Docket Nos. 52-040 and 52-041  
FPL Response to NRC RAI No. 1.5-1 (RAI 5699)  
L-2011-214 Attachment Page 1 of 4

**NRC RAI Letter No. 1104271 Dated April 27, 2011**

**SRP Section: EIS 01.05 – Compliance and Consultations**

Questions for Environmental Projects Branch 2 (RAP2)

**NRC RAI Number: EIS 01.05-1 (e-RAI 5699)**

FPL provided considerable technical information to the State of Florida in the site certification application (SCA). The staff requests that FPL provide the Uniform Resource Locators (URLs) for the filings that FPL has submitted to the State; for the SCA as originally submitted, for any revisions to the SCA, and for FPL's subsequent responses to completeness questions regarding the SCA. This request covers both portions of the SCA - the plant and the offsite linear facilities.

**FPL RESPONSE:**

The filings for the Site Certification Application (SCA) and Amendment are located at the following URL:

[http://publicfiles.dep.state.fl.us/Siting/Outgoing/FPL\\_Turkey\\_Point/Units\\_6\\_7/Application/](http://publicfiles.dep.state.fl.us/Siting/Outgoing/FPL_Turkey_Point/Units_6_7/Application/) (accessed June 1, 2011)

The responses to all completeness questions, including the SCA Plant and Associated Facilities and Transmission, are located at the following URL:

[http://publicfiles.dep.state.fl.us/Siting/Outgoing/FPL\\_Turkey\\_Point/Units\\_6\\_7/Completeness/](http://publicfiles.dep.state.fl.us/Siting/Outgoing/FPL_Turkey_Point/Units_6_7/Completeness/) (accessed June 1, 2011)

The URL for each round (four total) of the SCA Plant and Associated Facilities completeness questions, responses, and additional information (as applicable) is listed below:

**Plant and Associated Facilities: Round 1**

[http://publicfiles.dep.state.fl.us/Siting/Outgoing/FPL\\_Turkey\\_Point/Units\\_6\\_7/Completeness/Plant\\_Associated\\_Facilities/1st\\_round\\_Completeness/](http://publicfiles.dep.state.fl.us/Siting/Outgoing/FPL_Turkey_Point/Units_6_7/Completeness/Plant_Associated_Facilities/1st_round_Completeness/)  
(accessed June 1, 2011)

**Plant and Associated Facilities: Round 2**

[http://publicfiles.dep.state.fl.us/Siting/Outgoing/FPL\\_Turkey\\_Point/Units\\_6\\_7/Completeness/Plant\\_Associated\\_Facilities/2nd\\_round\\_Completeness/](http://publicfiles.dep.state.fl.us/Siting/Outgoing/FPL_Turkey_Point/Units_6_7/Completeness/Plant_Associated_Facilities/2nd_round_Completeness/)  
(accessed June 1, 2011)

**Plant and Associated Facilities: Round 3**

[http://publicfiles.dep.state.fl.us/Siting/Outgoing/FPL\\_Turkey\\_Point/Units\\_6\\_7/Completeness/Plant\\_Associated\\_Facilities/3rd\\_Round\\_Completeness/](http://publicfiles.dep.state.fl.us/Siting/Outgoing/FPL_Turkey_Point/Units_6_7/Completeness/Plant_Associated_Facilities/3rd_Round_Completeness/)  
(accessed June 1, 2011)

**Plant and Associated Facilities: Round 4**

[http://publicfiles.dep.state.fl.us/Siting/Outgoing/FPL\\_Turkey\\_Point/Units\\_6\\_7/Completeness/Plant\\_Associated\\_Facilities/4th\\_Round\\_Completeness/](http://publicfiles.dep.state.fl.us/Siting/Outgoing/FPL_Turkey_Point/Units_6_7/Completeness/Plant_Associated_Facilities/4th_Round_Completeness/)  
(accessed June 1, 2011)

The URL for each round (seven total) of the SCA Transmission completeness determination, response, and response additional information (as applicable) is listed below:

**Transmission: Round 1**

*Determination*

[http://publicfiles.dep.state.fl.us/Siting/Outgoing/FPL\\_Turkey\\_Point/Units\\_6\\_7/Completeness/TransmissionLine/1st\\_round\\_Completeness/](http://publicfiles.dep.state.fl.us/Siting/Outgoing/FPL_Turkey_Point/Units_6_7/Completeness/TransmissionLine/1st_round_Completeness/) (accessed June 1, 2011)

*FPL Response*

[http://publicfiles.dep.state.fl.us/Siting/Outgoing/FPL\\_Turkey\\_Point/Units\\_6\\_7/Completeness/TransmissionLine/FPL\\_TL\\_Completeness\\_Response/FPL\\_TP\\_1st\\_Completeness\\_Response\\_TL.pdf?bcsi\\_scan\\_72822C1E3A290063=0&bcsi\\_scan\\_filename=FPL\\_TP\\_1st\\_Completeness\\_Response\\_TL.pdf](http://publicfiles.dep.state.fl.us/Siting/Outgoing/FPL_Turkey_Point/Units_6_7/Completeness/TransmissionLine/FPL_TL_Completeness_Response/FPL_TP_1st_Completeness_Response_TL.pdf?bcsi_scan_72822C1E3A290063=0&bcsi_scan_filename=FPL_TP_1st_Completeness_Response_TL.pdf)  
(accessed June 1, 2011)

**Transmission: Round 2**

*Determination*

[http://publicfiles.dep.state.fl.us/Siting/Outgoing/FPL\\_Turkey\\_Point/Units\\_6\\_7/Completeness/TransmissionLine/2nd\\_round\\_Completeness/](http://publicfiles.dep.state.fl.us/Siting/Outgoing/FPL_Turkey_Point/Units_6_7/Completeness/TransmissionLine/2nd_round_Completeness/) (accessed June 1, 2011)

*FPL Response*

[http://publicfiles.dep.state.fl.us/Siting/Outgoing/FPL\\_Turkey\\_Point/Units\\_6\\_7/Completeness/TransmissionLine/FPL\\_TL\\_Completeness\\_Response/FPL\\_TP\\_2nd\\_Completeness\\_Response\\_TL/](http://publicfiles.dep.state.fl.us/Siting/Outgoing/FPL_Turkey_Point/Units_6_7/Completeness/TransmissionLine/FPL_TL_Completeness_Response/FPL_TP_2nd_Completeness_Response_TL/) (accessed June 1, 2011)

**Transmission: Round 3**

*Determination*

[http://publicfiles.dep.state.fl.us/Siting/Outgoing/FPL\\_Turkey\\_Point/Units\\_6\\_7/Completeness/TransmissionLine/3rd%20round%20of%20Completeness/](http://publicfiles.dep.state.fl.us/Siting/Outgoing/FPL_Turkey_Point/Units_6_7/Completeness/TransmissionLine/3rd%20round%20of%20Completeness/)  
(accessed June 1, 2011)

*FPL Response*

[http://publicfiles.dep.state.fl.us/Siting/Outgoing/FPL\\_Turkey\\_Point/Units\\_6\\_7/Completeness/TransmissionLine/FPL\\_TL\\_Completeness\\_Response/FPL\\_TP\\_3rd\\_Completeness\\_Response\\_TL/](http://publicfiles.dep.state.fl.us/Siting/Outgoing/FPL_Turkey_Point/Units_6_7/Completeness/TransmissionLine/FPL_TL_Completeness_Response/FPL_TP_3rd_Completeness_Response_TL/) (accessed June 1, 2011)

**Transmission: Round 4**

*Determination*

[http://publicfiles.dep.state.fl.us/Siting/Outgoing/FPL\\_Turkey\\_Point/Units\\_6\\_7/Completeness/TransmissionLine/4th\\_round\\_Completeness/](http://publicfiles.dep.state.fl.us/Siting/Outgoing/FPL_Turkey_Point/Units_6_7/Completeness/TransmissionLine/4th_round_Completeness/) (accessed June 1, 2011)

*FPL Response*

[http://publicfiles.dep.state.fl.us/Siting/Outgoing/FPL\\_Turkey\\_Point/Units\\_6\\_7/Completeness/TransmissionLine/FPL\\_TL\\_Completeness\\_Response/FPL\\_TP\\_4th%20Completeness\\_Response\\_TL.pdf?bcsi\\_scan\\_72822C1E3A290063=0&bcsi\\_scan\\_filename=FPL\\_TP\\_4th%20Completeness\\_Response\\_TL.pdf](http://publicfiles.dep.state.fl.us/Siting/Outgoing/FPL_Turkey_Point/Units_6_7/Completeness/TransmissionLine/FPL_TL_Completeness_Response/FPL_TP_4th%20Completeness_Response_TL.pdf?bcsi_scan_72822C1E3A290063=0&bcsi_scan_filename=FPL_TP_4th%20Completeness_Response_TL.pdf)  
(accessed June 1, 2011)

**Transmission: Round 5**

*Determination*

[http://publicfiles.dep.state.fl.us/Siting/Outgoing/FPL\\_Turkey\\_Point/Units\\_6\\_7/Completeness/TransmissionLine/5th\\_round\\_Completeness/](http://publicfiles.dep.state.fl.us/Siting/Outgoing/FPL_Turkey_Point/Units_6_7/Completeness/TransmissionLine/5th_round_Completeness/) (accessed June 1, 2011)

*FPL Response*

[http://publicfiles.dep.state.fl.us/Siting/Outgoing/FPL\\_Turkey\\_Point/Units\\_6\\_7/Completeness/TransmissionLine/FPL\\_TL\\_Completeness\\_Response/FPL\\_TP\\_5th\\_Completeness\\_Response\\_TL.pdf?bcsi\\_scan\\_72822C1E3A290063=0&bcsi\\_scan\\_filename=FPL\\_TP\\_5th\\_Completeness\\_Response\\_TL.pdf](http://publicfiles.dep.state.fl.us/Siting/Outgoing/FPL_Turkey_Point/Units_6_7/Completeness/TransmissionLine/FPL_TL_Completeness_Response/FPL_TP_5th_Completeness_Response_TL.pdf?bcsi_scan_72822C1E3A290063=0&bcsi_scan_filename=FPL_TP_5th_Completeness_Response_TL.pdf)  
(accessed June 1, 2011)

**Transmission: Round 6**

*Determination*

[http://publicfiles.dep.state.fl.us/Siting/Outgoing/FPL\\_Turkey\\_Point/Units\\_6\\_7/Completeness/TransmissionLine/6th\\_round\\_Completeness/](http://publicfiles.dep.state.fl.us/Siting/Outgoing/FPL_Turkey_Point/Units_6_7/Completeness/TransmissionLine/6th_round_Completeness/) (accessed June 1, 2011)

*FPL Response*

[http://publicfiles.dep.state.fl.us/Siting/Outgoing/FPL\\_Turkey\\_Point/Units\\_6\\_7/Completeness/TransmissionLine/FPL\\_TL\\_Completeness\\_Response/FPL\\_TP\\_6th\\_Completeness\\_Response\\_TL.pdf?bcsi\\_scan\\_72822C1E3A290063=0&bcsi\\_scan\\_filename=FPL\\_TP\\_6th\\_Completeness\\_Response\\_TL.pdf](http://publicfiles.dep.state.fl.us/Siting/Outgoing/FPL_Turkey_Point/Units_6_7/Completeness/TransmissionLine/FPL_TL_Completeness_Response/FPL_TP_6th_Completeness_Response_TL.pdf?bcsi_scan_72822C1E3A290063=0&bcsi_scan_filename=FPL_TP_6th_Completeness_Response_TL.pdf) (accessed June 1, 2011)

*FPL Response – Additional Information*

[http://publicfiles.dep.state.fl.us/Siting/Outgoing/FPL\\_Turkey\\_Point/Units\\_6\\_7/Completeness/TransmissionLine/FPL\\_TL\\_Completeness\\_Response/FPL\\_TP\\_6th\\_Completeness\\_AddInfo\\_TL/](http://publicfiles.dep.state.fl.us/Siting/Outgoing/FPL_Turkey_Point/Units_6_7/Completeness/TransmissionLine/FPL_TL_Completeness_Response/FPL_TP_6th_Completeness_AddInfo_TL/) (accessed June 1, 2011)

**Transmission: Final Completeness Determination**

<http://www.doah.state.fl.us/docdoc/2009/003575/09003575M-120310-14202820.PDF> (accessed June 1, 2011)

This response is PLANT SPECIFIC.

**References:**

None

**ASSOCIATED COLA REVISIONS:**

No COLA changes have been identified as a result of this response.

**ASSOCIATED ENCLOSURES:**

None