

## **PMTurkeyCOLPEm Resource**

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**From:** Kugler, Andrew  
**Sent:** Thursday, May 05, 2011 10:35 AM  
**To:** Terry, Tomeka; Moulding, Patrick; Bryce, Robert W; Comar, Manny; Cruz, Jeffrey; Whited, Ryan; RidsNroDser Resource; RidsNroDserRap2 Resource; RidsOgcMailCenter Resource; Franzone, Steve; Orthen, Richard; Maher, William; Price, Sarah; Mussatti, Daniel; Clouser, Megan L SAJ; steven.hamrick@fpl.com  
**Cc:** TurkeyCOL Resource  
**Subject:** ENVIRONMENTAL REQUEST FOR ADDITIONAL INFORMATION LETTER 1105051 RELATED TO ESRP SECTION 8.4, ASSESSMENT OF NEED FOR POWER, FOR THE COMBINED LICENSE APPLICATION REVIEW FOR TURKEY POINT, UNITS 6 AND 7  
**Attachments:** 110505-TP RAI 5565 Ltr - NFP-ML111240406.pdf

All:

Attached is RAI letter No. 1105051 (RAI 5565) related to ESRP section 8.4, Assessment of Need for Power, for the Turkey Point Units 6 and 7 Combined License Application. The Accession number is ML111240406.

FPL is asked to respond within 45 days, by June 20, 2011. If you have any further questions, please feel free to contact me.

Andrew Kugler  
Sr. Environmental Project Manager  
NRC/NRO/RAP2  
301-415-2828

**Hearing Identifier:** TurkeyPoint\_COL\_Public  
**Email Number:** 297

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**Subject:** ENVIRONMENTAL REQUEST FOR ADDITIONAL INFORMATION LETTER  
1105051 RELATED TO ESRP SECTION 8.4, ASSESSMENT OF NEED FOR POWER, FOR THE  
COMBINED LICENSE APPLICATION REVIEW FOR TURKEY POINT, UNITS 6 AND 7

**Sent Date:** 5/5/2011 10:34:51 AM  
**Received Date:** 5/5/2011 10:34:54 AM  
**From:** Kugler, Andrew

**Created By:** Andrew.Kugler@nrc.gov

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Tracking Status: None

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

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110505-TP RAI 5565 Ltr - NFP-ML111240406.pdf

82300

**Options**

<b>Priority:</b>	Standard
<b>Return Notification:</b>	No
<b>Reply Requested:</b>	No
<b>Sensitivity:</b>	Normal
<b>Expiration Date:</b>	
<b>Recipients Received:</b>	

May 5, 2011

Mr. 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: ENVIRONMENTAL REQUEST FOR ADDITIONAL INFORMATION LETTER  
1105051 RELATED TO ESRP SECTION 8.4, ASSESSMENT OF NEED FOR  
POWER, FOR THE COMBINED LICENSE APPLICATION REVIEW FOR  
TURKEY POINT, UNITS 6 AND 7

Dear Mr. Nazar:

By letter dated June 30, 2009, as supplemented by letters dated August 7, 2009, September 3, 2010, and December 21, 2010, Florida Power and Light Company (FPL) submitted its application to the U.S. Nuclear Regulatory Commission (NRC) for combined licenses (COLs) for two AP1000 advanced passive pressurized water reactors in accordance with the requirements contained in 10 CFR Part 52, "Licenses, Certifications and Approvals for Nuclear Power Plants." The NRC staff is performing a detailed review of this application to enable the staff to reach a conclusion regarding the environmental impacts of the proposed action.

The NRC staff has identified that additional information is needed to continue portions of the environmental 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.

M. Nazar

- 2 -

If you have any questions or comments concerning this matter, you may contact me at 301-415-2828 or via e-mail at [Andrew.kugler@nrc.gov](mailto:Andrew.kugler@nrc.gov).

Sincerely,

**/ RA /**

Andrew Kugler, Sr. Project Manager  
Environmental Projects Branch 2  
Division of Site and Environmental Reviews  
Office of New Reactors

Docket Nos. 52-040, 52-041

Enclosure:  
As stated

cc: w/enclosure see next page

M. Nazar

- 2 -

If you have any questions or comments concerning this matter, you may contact me at 301-415-2828 or via e-mail at Andrew.kugler@nrc.gov.

Sincerely,

**/ RA /**

Andrew Kugler, Sr. Project Manager  
Environmental Projects Branch 2  
Division of Site and Environmental Reviews  
Office of New Reactors

Docket Nos. 52-040, 52-041  
eRAI Tracking No. 5565

Enclosure:  
As stated

cc: w/enclosure see next page

**DISTRIBUTION:**

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RAP2 R/F                      MComar, NRO                      JCruz, NRO                      RWhited,  
RidsNroDser                      DMussatti, NRO                      NRORidsNroDserRap2                      RidsOgcMailCenterResource  
BClayton, NRO                      MClouser, USACE ([megan.l.clouser@usace.army.mil](mailto:megan.l.clouser@usace.army.mil))

**ADAMS Accession Number: ML111240406**

**NRO-002**

<b>OFFICE</b>	NRO/DSER/RENV /BC	NRO/DSER/RAP2/ PM	OGC	NRO/DSER/RAP2/ PM
<b>NAME</b>	BClayton*	AKugler*	PMoulding*	AKugler*
<b>DATE</b>	02/23/2011	02/24/2011	04/21/2011	05/05/2011

\* Approval captured electronically in the electronic RAI system.

**OFFICAL RECORDS COPY**

Request for Additional Information No. 5565

5/5/2011

Turkey Point Units 6 and 7  
Florida P and L  
Docket No. 52-040 and 52-041  
SRP Section: EIS 8.4 - Assessment of Need for Power  
Application Section: ER 8.4

QUESTIONS for Environmental Technical Support Branch (RENV)

EIS 8.4-1

How, if at all, do recent changes in forecast projections and Turkey Point Units 6 and 7 commercial operation dates impact the Florida Public Service Commission's (FPSC) approval of the Determination of Need? Is the FPSC required to re-examine the Determination of Need if there are changes in the anticipated commercial operation dates? How, if at all, do forecasts in the 2010 10-year plan affect the status of the Determination of Need? Would these changes require additional approval from the FPSC with regard to the Determination of Need? Describe the circumstances, if any, under which the FPSC is required to re-evaluate the Determination of Need.

EIS 8.4-2

Consistent with NUREG 1555, the staff considers "historical and projected electrical energy use by major categories in the relevant service area. . . through the 3rd year of commercial operation of all proposed units." (ESRP 8.2.1-3 and 8.3-3) On page 8.2-7 of the ER, it states 'FPL currently projects that it will have a need for new resources beginning in 2022 and increasing every year thereafter'. However, there are no projections past 2020 in the ER. Provide updated future supply and demand projections through 2026 with respect to the need for Units 6 and 7, disaggregated according to the categories listed in NUREG-1555.

Enclosure