

TurkeyPointRAIsPEm Resource

From: Comar, Manny
Sent: Thursday, May 19, 2011 4:19 PM
To: TurkeyPointRAIsPEm Resource
Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 024 RELATED TO SRP
10.04.05 CIRCULATING WATER SYSTEM FOR THE TURKEY POINT PLANT UNITS 6
AND 7
Attachments: PTN-RAI-LTR-024.doc

Hearing Identifier: TurkeyPoint_COL_eRAIs
Email Number: 28

Mail Envelope Properties (377CB97DD54F0F4FAAC7E9FD88BCA6D063FAF024D0)

Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 024 RELATED TO
SRP 10.04.05 CIRCULATING WATER SYSTEM FOR THE TURKEY POINT PLANT UNITS 6 AND 7
Sent Date: 5/19/2011 4:19:02 PM
Received Date: 5/19/2011 4:19:02 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

Files	Size	Date & Time
MESSAGE	8	5/19/2011 4:19:02 PM
PTN-RAI-LTR-024.doc	55290	

Options
Priority: Standard
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received:

May 19, 2011

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. 024 RELATED
TO SRP SECTION 10.04.05 CIRCULATING WATER SYSTEM 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 and December 21, 2010, 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 30 days of the date of this letter. If you are unable to provide a response within 30 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.

Sincerely,

/RA/

Manny Comar, Lead Project Manager
AP1000 Projects Branch 1
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 Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-040
52-041
eRAI Tracking No. 5405

Enclosure:
Request for Additional Information

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NRO-002

OFFICE	SBPA/BC	NWE1/PM	OGC	NWE1/L-PM
NAME	JSegala*	MComar*	PMoulding*	MComar*
DATE	3/1/11	3/29/11	4/5/11	5/12/11

*Approval captured electronically in the electronic RAI system.

OFFICIAL RECORD COPY

Request for Additional Information No. 5405

5/19/2011

Turkey Point Units 6 and 7

Florida P and L

Docket No. 52-040 and 52-041

SRP Section: 10.04.05 - Circulating Water System

Application Section: 10.4.5.2.2 - Circulating Water System

QUESTIONS from Balance of Plant Branch 1 (SBPA)

10.04.05-1

In PTN, FSAR Section 10.4.5.2.3, the applicant stated, in its conceptual design information, that each of the mechanical draft cooling towers is positioned so that its collapse would have no potential to damage SSCs required for safe shutdown of the plant. Provide more detailed information related to the effects of each cooling tower failure on safety-related SSCs.

SRP Section 10.4.5, "Circulating Water System," SRP Acceptance Criteria, indicates that the requirements of GDC 4 are met when the CWS design includes provisions to accommodate the effects of discharging water that may result from a failure of a component or piping in the CWS. Accordingly, provide site-specific justification demonstrating that the failure of any of the CWS cooling towers, as well as the CWS piping located outside the turbine building, will not affect the SSCs required for safe shutdown..