

TurkeyPointRAIsPEm Resource

From: Comar, Manny
Sent: Thursday, December 16, 2010 1:43 PM
To: TurkeyPointRAIsPEm Resource
Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 012 RELATED TO SRP SECTION 07.05 INFORMATION SYSTEMS IMPORTANT TO SAFETY FOR THE TURKEY POINT NUCLEAR PLANT UNITS 6 AND 7 COMBINED LICENSE APPLICATION
Attachments: PTN-RAI-LTR-012.doc

Hearing Identifier: TurkeyPoint_COL_eRAIs
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Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 012 RELATED TO
SRP SECTION 07.05 INFORMATION SYSTEMS IMPORTANT TO SAFETY FOR THE TURKEY
POINT NUCLEAR PLANT UNITS 6 AND 7 COMBINED LICENSE APPLICATION

Sent Date: 12/16/2010 1:42:49 PM

Received Date: 12/16/2010 1:42:50 PM

From: Comar, Manny

Created By: Manny.Comar@nrc.gov

Recipients:

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

Tracking Status: None

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MESSAGE	13	12/16/2010 1:42:50 PM
PTN-RAI-LTR-012.doc	50682	

Options

Priority: Standard

Return Notification: No

Reply Requested: No

Sensitivity: Normal

Expiration Date:

Recipients Received:

December 16, 2010

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. 012 RELATED
TO SRP SECTION 07.05 INFORMATION SYSTEMS IMPORTANT TO
SAFETY 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 a letters dated August 7, 2009 and September 3, 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 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.

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. 5191

Enclosure:
Request for Additional Information

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NRO-002

OFFICE	ICE1/BC	NWE1/PM	OGC	NWE1/L-PM
NAME	TJackson*	MComar*	PMoulding*	MComar*
DATE	10/27/10	10/28/10	10/28/10	12/16/10

*Approval captured electronically in the electronic RAI system.

OFFICIAL RECORD COPY

Request for Additional Information No. 5191

12/16/2010

Turkey Point Units 6 and 7

Florida P and L

Docket No. 52-040 and 52-041

SRP Section: 07.05 - Information Systems Important to Safety

Application Section: 7.5 Safety Related Display Information

QUESTIONS from Instrumentation, Controls and Electrical Engineering 1 (AP1000/EPR Projects) (ICE1)

07.05-1

Provide the range and accuracy information for boundary environs radiation instruments.

10 CFR Part 50, Appendix A, GDC 64, requires means to monitor radioactivity that may be released from postulated accidents. The boundary environs radiation instruments are used post-accident to assist in determination of protective action recommendations. Regulatory Guide 1.97, Revision 3, provides an acceptable means to address the boundary radiation instrument's range. To demonstrate conformance to RG 1.97, Revision 3, provide range and accuracy information for boundary environs radiation parameters. Even though the applicant may not have procured the portable monitoring instrumentation, the application should provide a minimum operating range that the equipment is to support.