

TurkeyPointRAIsPEm Resource

From: Habib, Donald
Sent: Friday, February 17, 2012 10:19 AM
To: TurkeyPointRAIsPEm Resource
Subject: RAI LETTER NO. 052 RELATED TO SRP SECTION 19 PRA AND SEVERE ACCIDENT
EVALUATION FOR THE TURKEY POINT NUCLEAR PLANT UNITS 6 AND 7 COLA
Attachments: PTN-RAI-LTR-052.doc

Hearing Identifier: TurkeyPoint_COL_eRAIs
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Subject: RAI LETTER NO. 052 RELATED TO SRP SECTION 19 PRA AND SEVERE
ACCIDENT EVALUATION FOR THE TURKEY POINT NUCLEAR PLANT UNITS 6 AND 7 COLA
Sent Date: 2/17/2012 10:19:02 AM
Received Date: 2/17/2012 10:20:02 AM
From: Habib, Donald

Created By: Donald.Habib@nrc.gov

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

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

February 17, 2012

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. 052 RELATED TO
SRP SECTION 19 PROBABILISTIC RISK ASSESSMENT AND SEVERE
ACCIDENT EVALUATION 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 301-415-1035 (donald.habib@nrc.gov) or you may contact the lead project manager, Manny Comar, at 301-415-3863 (manny.comar@nrc.gov).

Sincerely,

/RA/

Donald Habib, Project Manager
Licensing Branch 4
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-040
52-041

Enclosure:
Request for Additional Information

If you have any questions or comments concerning this matter, you may contact me at 301-415-1035 (donald.habib@nrc.gov) or you may contact the lead project manager, Manny Comar, at 301-415-3863 (manny.comar@nrc.gov).

Sincerely,

/RA/

Donald Habib, Project Manager
Licensing Branch 4
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-040
52-041
eRAI Tracking No. 6296

Enclosure:
Request for Additional Information

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NAME	LMrowca *	MComar *	DHabib *
DATE	1/25/12	1/26/12	2/17/12

*Approval captured electronically in the electronic RAI system.

OFFICIAL RECORD COPY

Request for Additional Information No. 6296 Revision 3

2/17/2012

Turkey Point Units 6 and 7

Florida P and L

Docket No. 52-040 and 52-041

SRP Section: 19 - Probabilistic Risk Assessment and Severe Accident Evaluation

Application Section: 19.58

QUESTIONS for PRA and Severe Accidents Branch (SPRA)

19-4

In Turkey Point Units 6 & 7 COL FSAR, Table 19.58-201, the estimated frequencies for tornadoes ranging from EF0 to EF3 on the enhanced Fujita scale were updated and justified. However, the event frequencies provided for EF4 and EF5 tornadoes, "No Recorded Events," should be revised to reflect a bounding frequency. The text and Tables 19.58-201 and 19.58-202 of Section 19.58 should be updated accordingly.