

TurkeyPointRAIsPEm Resource

From: Habib, Donald
Sent: Friday, January 27, 2012 10:39 AM
To: TurkeyPointRAIsPEm Resource
Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 048 RELATED TO SRP
SECTION 6.2.2 CONTAINMENT HEAT REMOVAL SYSTEMS FOR THE TURKEY POINT
NUCLEAR PLANT UNITS 6 AND 7 COMBINED LICENSE APPLICATION
Attachments: PTN-RAI-LTR-048.doc

Hearing Identifier: TurkeyPoint_COL_eRAIs
Email Number: 55

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Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 048 RELATED TO
SRP SECTION 6.2.2 CONTAINMENT HEAT REMOVAL SYSTEMS FOR THE TURKEY POINT
NUCLEAR PLANT UNITS 6 AND 7 COMBINED LICENSE APPLICATION

Sent Date: 1/27/2012 10:39:04 AM

Received Date: 1/27/2012 10:40:13 AM

From: Habib, Donald

Created By: Donald.Habib@nrc.gov

Recipients:

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

Tracking Status: None

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PTN-RAI-LTR-048.doc	44142	

Options

Priority: Standard

Return Notification: No

Reply Requested: No

Sensitivity: Normal

Expiration Date:

Recipients Received:

January 27, 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. 048 RELATED TO
SRP SECTION 6.2.2 CONTAINMENT HEAT REMOVAL SYSTEMS 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. 6258

Enclosure:
Request for Additional Information

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NRO-002

OFFICE	SCVB/BC	LB4/PM	LB4/L-PM
NAME	JMcKirgan *	MComar *	MComar *
DATE	12/20/11	12/21/11	1/11/12

*Approval captured electronically in the electronic RAI system.

OFFICIAL RECORD COPY

Request for Additional Information No. 6258 Revision 0

1/27/2012

Turkey Point Units 6 and 7

Florida P and L

Docket No. 52-040 and 52-041

SRP Section: 06.02.02 - Containment Heat Removal Systems

Application Section: 6.2.2

QUESTIONS for Containment and Ventilation Branch 1 (AP1000/EPR Projects) (SPCV)

06.02.02-1

In the PTN COL Application, Part 7, Departures and Exemption Requests, PTN DEP 2.0-3 increases the maximum safety wet bulb (noncoincident) air temperature from 86.1 °F to 87.4 °F. Although, Departures and Exemption Requests outlines departure justification for the containment pressure design limit evaluation, FSAR Section 6.2 is silent on PTN DEP 2.0-3.

Provide safety and design evaluations of PTN DEP 2.0-3 on the containment pressure design limit evaluation in FSAR Section 6.2.