

## **PMTurkeyCOLPEm Resource**

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**From:** Habib, Donald  
**Sent:** Friday, January 27, 2012 3:45 PM  
**To:** orthen, Richard; Raymond Burski; Steve Franzone; STEVEN.HAMRICK; William Maher  
**Cc:** TurkeyCOL Resource  
**Subject:** RAI Letter 48 Related to Containment Heat Removal Systems for Turkey Point Units 6 and 7 COL Application  
**Attachments:** TP RAI 6258 - Ltr 48 ML12027A058.pdf

To All:

Attached is RAI Letter 48 related to SRP Section 6.2.2, Containment Heat Removal Systems, for Turkey Point Units 6 and 7. The ADAMS ML accession number for the RAI is ML12027A058.

Please contact me if you have any questions related to this matter.

Donald C. Habib  
Project Manager  
U.S. Nuclear Regulatory Commission  
Office of New Reactors, DNRL/LB4  
Room T-6D14  
Washington, DC 20555  
301-415-1035  
[Donald.Habib@nrc.gov](mailto:Donald.Habib@nrc.gov)

**Hearing Identifier:** TurkeyPoint\_COL\_Public  
**Email Number:** 549

**Mail Envelope Properties** (E3D0DF334F617344BE38EB00C881B1B36DCF05A4A6)

**Subject:** RAI Letter 48 Related to Containment Heat Removal Systems for Turkey Point  
Units 6 and 7 COL Application  
**Sent Date:** 1/27/2012 3:44:53 PM  
**Received Date:** 1/27/2012 3:44:55 PM  
**From:** Habib, Donald

**Created By:** Donald.Habib@nrc.gov

**Recipients:**  
"TurkeyCOL Resource" <TurkeyCOL.Resource@nrc.gov>  
Tracking Status: None  
"orthen, Richard" <richard.orthen@fpl.com>  
Tracking Status: None  
"Raymond Burski" <raymond.burski@fpl.com>  
Tracking Status: None  
"Steve Franzone" <steve.Franzone@fpl.com>  
Tracking Status: None  
"STEVEN.HAMRICK" <steven.hamrick@fpl.com>  
Tracking Status: None  
"William Maher" <William.maher@fpl.com>  
Tracking Status: None

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

Files	Size	Date & Time
MESSAGE	514	1/27/2012 3:44:55 PM
TP RAI 6258 - Ltr 48 ML12027A058.pdf		93837

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

## TurkeyPointRAIsPEm Resource

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**From:** Habib, Donald  
**Sent:** Friday, January 27, 2012 11:06 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:** 56

**Mail Envelope Properties** (E3D0DF334F617344BE38EB00C881B1B36DCF05A3C5)

**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 11:06:10 AM

**Received Date:** 1/27/2012 11:06:31 AM

**From:** Habib, Donald

**Created By:** Donald.Habib@nrc.gov

**Recipients:**

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

Tracking Status: None

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

Files	Size	Date & Time
MESSAGE	3	1/27/2012 11:06:31 AM
PTN-RAI-LTR-048.doc	45166	

**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](mailto:donald.habib@nrc.gov)) or you may contact the lead project manager, Manny Comar, at 301-415-3863 ([manny.comar@nrc.gov](mailto: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](mailto:donald.habib@nrc.gov)) or you may contact the lead project manager, Manny Comar, at 301-415-3863 ([manny.comar@nrc.gov](mailto: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

Distribution:

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AMinarik		

NRO-002

OFFICE	SCVB/BC	LB4/PM	LB4/L-PM
NAME	JMcKirgan *	MComar *	DHabib *
DATE	12/20/11	12/21/11	1/27/12

\*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.