TurkeyPointRAIsPEm Resource

From: Comar, Manny
Sent: Thursday, October 07, 2010 10:52 AM
To: TurkeyPointRAIsPEm Resource
Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 008 RELATED TO SRP SECTION 09.03.03 EQUIPMENT AND FLOOR DRAINAGE SYSTEM FOR THE TURKEY POINT NUCLEAR PLANT UNITS 6 AND 7 COMBINED LICENSE APPLICATION
Attachments: PTN-RAI-LTR-008.doc

Hearing Identifier: TurkeyPoint_COL_eRAIs
Email Number: 10

Mail Envelope Properties (377CB97DD54F0F4FAAC7E9FD88BCA6D029D23320C5)

Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 008 RELATED TO SRP SECTION 09.03.03 EQUIPMENT AND FLOOR DRAINAGE SYSTEM FOR THE TURKEY POINT NUCLEAR PLANT UNITS 6 AND 7 COMBINED LICENSE APPLICATION
Sent Date: 10/7/2010 10:52:16 AM
Received Date: 10/7/2010 10:52:17 AM
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	10/7/2010 10:52:17 AM
PTN-RAI-LTR-008.doc	50170	

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

October 7, 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. 008 RELATED TO SRP SECTION 9.03.03 EQUIPMENT AND FLOOR DRAINAGE 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 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 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. 5080

Enclosure:
Request for Additional Information

Distribution:

Public	PMoulding	BHughes
RidsNroDnrlNwe1	JCruz	MComar
RidsNroLAKGoldstein	TSimms	BThomas
RidsOgcMailCenter	BAnderson	RJoshi
RidsAcrsAcnwMailCenter	SGoetz	DMcGovern
RidsRgn2MailCenter	JSebrosky	DHabib
GCurran	SHaggerty	TSpiecher
TGalletta	JSegala	

NRO-002

OFFICE	SBPA/BC	NWE1/PM	OGC	NWE1/L-PM
NAME	JSegala*	MComar*	PMoulding*	MComar*
DATE	09/27/10	09/27/10	09/27/10	10/7/10

*Approval captured electronically in the electronic RAI system.

OFFICIAL RECORD COPY

Request for Additional Information No. 5080

10/7/2010

Turkey Point Units 6 and 7
Florida P and L
Docket No. 52-040 and 52-041
SRP Section: 09.03.03 - Equipment and Floor Drainage System
Application Section: Part 2 FSAR Section 9.2.9

QUESTIONS from Balance of Plant Branch 1 (AP1000/EPR Projects) (SBPA)

09.03.03-1

In FSAR Section 9.2.9.2.2, the applicant describes the basin transfer pumps and states:

> "Controls are provided for automatic or manual operation of the pumps based on the level of the retention basin."

In accordance with GDC 60, an applicant is required to demonstrate suitable control of the release of radioactive materials in liquid effluent.

a. Provide a discussion on whether all site-specific potentially radioactive effluents will be monitored prior to disposition.
b. Provide a description of the water level instrumentation and radiation monitoring instrumentation utilized in the wastewater retention basins or justify why this instrumentation is not necessary.

In the AP1000 DCD Section 9.2.11.2, Westinghouse states, for COL Information Item 9.2-2:

> "The Combined License applicant will address the final design and configuration of the plant waste water retention basins and associated discharge piping, including piping design pressure, basin transfer pump size, basin size, and location of the retention basins."

In FSAR Section 9.2.9.2.2, the applicant only provided the location of the retention basins. Provide additional details on the method proposed for transfer of inventory from wastewater basin to the deep injection wells or final discharge and provide a description of the associated components (i.e. transfer pumps, size of basin, basin lining, etc…) as requested in the COL information item and update the FSAR accordingly.