

PMTurkeyCOLPEm Resource

From: Comar, Manny
Sent: Tuesday, September 28, 2010 9:00 AM
To: Antonio Fernandez; orthen, Richard; TurkeyCOL Resource; William Maher
Cc: Segala, John; Russell Shearer; Pope, Steve; Maria Morell; Comar, Manny
Subject: Draft RAI 5080 regarding SRP Section: 09.03.03 (Equipment and Floor Drainage System) for the Turkey Point Units 6 and 7 COL application
Attachments: draft RAI 5080_TPN.doc

To All,

Attached is the draft of RAI No:5080, regarding SRP section 09.03.03 (Equipment and Floor Drainage System) for the Turkey Point Units 6 and 7 combined license application.

If you need a conference call to discuss the question(s) of the draft RAIs please contact me at 301-415-3863. Unless you request additional clarification we will normally issue the RAI as final within 3 to 5 days, from today.

Thanks

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Hearing Identifier: TurkeyPoint_COL_Public
Email Number: 150

Mail Envelope Properties (377CB97DD54F0F4FAAC7E9FD88BCA6D0297C4BF46A)

Subject: Draft RAI 5080 regarding SRP Section: 09.03.03 (Equipment and Floor Drainage System) for the Turkey Point Units 6 and 7 COL application
Sent Date: 9/28/2010 8:59:45 AM
Received Date: 9/28/2010 8:59:53 AM
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| Files | Size | Date & Time |
|------------------------|-------------|------------------------|
| MESSAGE | 598 | 9/28/2010 8:59:53 AM |
| draft RAI 5080_TPN.doc | | 31738 |

Options

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

Request for Additional Information No. 5080

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-***

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.