

PMTurkeyCOLPEm Resource

From: Comar, Manny
Sent: Tuesday, April 12, 2011 2:26 PM
To: orthen, Richard; Steve Franzone; STEVEN.HAMRICK; TurkeyCOL Resource; William Maher
Cc: Comar, Manny
Subject: Subject: Draft RAI 5492 related to SRP Section 09.02.02 - Reactor Auxiliary Cooling Water Systems for the Turkey Point Units 6 and 7 combined license application.
Attachments: draft RAI 5492_TPN.doc

To All,

Attached is the draft of RAI No:5492, regarding SRP Section: 09.02.02 - Reactor Auxiliary Cooling Water Systems 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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Request for Additional Information No. 5492

Turkey Point Units 6 and 7
Florida P and L
Docket No. 52-040 and 52-041
SRP Section: 09.02.02 - Reactor Auxiliary Cooling Water Systems
Application Section: 9.2.7 - Central Chilled Water System

QUESTIONS from Balance of Plant Branch 1 (SBPA)

09.02.02-***

In PTN COL FSAR Section 9.2.7.2, "System Description," and Section 9.2.7.2.4, "System Operation," the applicant has proposed changes to the VWS. Although the text of the changes refer to Table 9.2.7-1R, "Component Data – Central Chilled Water System," which indicates "PTN DEP 2.0-2," in the margin near the title of the table, it is not clear whether this Departure is the only change affecting these FSAR Sections. This is because there are no left margin notes in the PTN COL FSAR Sections 9.2.7.2 and 9.2.7.2.4.

The staff requests the applicant to add PTN DEP 2.0-2 in the left margin for FSAR sections 9.2.7.2 and 9.2.7.2.4 and to state if there are any other changes (such as a PTN SUP or another PTN DEP) affecting these Sections.

09.02.02-***

In PTN COL FSAR Section 9.2.7.2, "System Description," and Section 9.2.7.2.4, "System Operation," the applicant has proposed changes to the VWS. The changes refer to Table 9.2.7-1R, "Component Data – Central Chilled Water System," which indicates "PTN DEP 2.0-2," in the margin near the title of the table. PTN DEP 2.0-2 is described as a Tier 2 departure from the AP1000 DCD site parameters as summarized in PTN COL FSAR Table 2.0-201, "Comparison of DCD Site Parameters and Turkey Point Units 6 & 7 Site Characteristics."

The AP1000 DCD site parameter value for the air temperature maximum normal wet bulb (noncoincident) in DCD Tier 2, Table 2-1 is 80.1°F, and the PTN site value was revised to 81.5°F, as identified in PTN COL FSAR Section 2.3.1.5. Although the proposed change has been evaluated in PTN Part 7, Departures and Exemption Requests, it is not clear what aggregate effects there may be on other affected systems.

Accordingly, provide analysis of the aggregate effects on integrated plant operation due to the implementation of PTN DEP 2.0-2.

