

## **PMTurkeyCOLPEm Resource**

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**From:** Comar, Manny  
**Sent:** Wednesday, September 21, 2011 4:53 PM  
**To:** orthen, Richard; Raymond Burski; Steve Franzone; STEVEN.HAMRICK; TurkeyCOL Resource; William Maher  
**Subject:** Draft RAI 5995 related to SRP Section 08.03.01 - AC Power Systems (Onsite) for the Turkey Point Units 6 and 7 combined license application.  
**Attachments:** draft RAI 5995\_TPN.doc

To All,

Attached is the draft of RAI No:5995 regarding section 08.03.01 AC Power Systems (Onsite) 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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for the Turkey Point Units 6 and 7 combined license application.  
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**From:** Comar, Manny

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Request for Additional Information No. 5995

Turkey Point Units 6 and 7  
Florida P and L  
Docket No. 52-040 and 52-041  
SRP Section: 08.03.01 - AC Power Systems (Onsite)  
Application Section: 8.3

QUESTIONS from Electrical Engineering Branch (EEB)

08.03.01-\*\*\*

FSAR Section 8.3.1.1.7 describes the grounding system. The staff notes that Regulatory Guide 1.204 endorses IEEE Std. 665 for Generation Station grounding. This standard is included in the same section of the DCD. Although IEEE Std. 80 is referenced in IEEE Std. 665 and Regulatory Guide 1.204, please confirm that the use of IEEE Std. 80 did not invalidate the Turkey Point compliance with the Regulatory Guide 1.204 guidance, or explain why this guidance document was not followed.

08.03.01-\*\*\*

FSAR Section 8.3.1.1.8 describes lightning protection. In FSAR Section 8.1, Table 8.1-201 it is stated that RG 1.204 is implemented via IEEE Standard 665. However, in Appendix 1AA, it is stated that Turkey Point units conform to RG 1.204, Rev.0. The Regulatory Guide also endorses IEEE Std. 666-1991, IEEE Std. 1050-1996, and IEEE Std. C62.23-1995. Please discuss the applicability of these other Standards.