From:	Wentzel, Michael
Sent:	Thursday, August 03, 2017 11:19 AM
To:	Catron, Steve; Kilby, Gary; Hanek, Olga
Cc:	Mack, Jarrett; Guth, Mitch
Subject:	Additional Draft RAI Related to the Turkey Point TSTF-505 LAR (CAC Nos MF5455 and MF5456)

Steve, Gary, and Olga,

On our July 10 clarification call with you and staff from the U.S. Nuclear Regulatory Commission's (NRC's) Probabilistic Risk Assessment (PRA) Licensing Branch (APLA), the staff notified you of the likelihood of an additional request for additional information (RAI) related to its review of the license amendment request (LAR) to implement TSTF-505, Revision 1, at Turkey Point. The NRC staff has determined that the below information is necessary to complete its review of the subject LAR.

As previously discussed, the goal is to issue all of the TSTF-505 RAIs in a single request. To facilitate that, I request that you let me know by Monday, August 7, 2017, if a clarification call is needed and if the draft RAI contains any proprietary information.

If you have any questions or would like to discuss further, please let me know.

Thanks,
Mike

APLA RAI 18 Dual-Unit RICT Calculations

Various TS action statements for which a RICT is being proposed (e.g., TS 3.8.2.1 ACTION A), "appl[y] to both units simultaneously." Enclosure 1 of the LAR states that, "[f]ollowing 4b implementation, the actual RICT values will be calculated on a unit-specific basis, using the actual plant configuration and the current revision of the PRA model representing the as-built, as-operated condition of the plant." Please clarify how the two units will calculate and apply a RICT to both units simultaneously. Specifically:

  a) Confirm there are two complete and independent baseline PRAs (i.e., one for each unit).

    1. If not, summarize the available baseline PRA models.

    2. If the licensee is not using two complete and independent baseline PRAs, but plan to develop and use two independent configuration risk management program (CRMP) logic models, summarize how the single (but adaptable) baseline PRA model will be transformed into two independent CRMP models.

  b) If two independent CRMP logic models will be developed and used:

    1. Explain how a RICT will be simultaneously estimated for each unit considering that different SSCs may be out of service in the different units.

    2. Summarize any anticipated interactions between the two models being run independently but simultaneously that could affect the RICT estimates.

  c) If two independent CRMP models will not be developed:

1. Explain how the unit specific RICT calculations will be appropriately estimated given any differences between the units, interactions between the units caused by shared equipment, and different out of service SSCs in each unit.

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