From:Peter TamTo:INTernet:David.distel@exeloncorp.com;INTernet:John.Hufnagel@exeloncorp.com; internet:paul.czaya@exelon.comDate:7/23/02 7:46AMSubject:Oyster Creek proposed amendment re. SLMCPR (TAC MB5505)

John:

Our review of your 6/26/02 application for amendment is ongoing. We have come across the following issues during our review, and would like to discuss them with you in a conference call in the very near future. Please call me to schedule such a call.

Your application was supported by a proprietary topical report. Please review the content of this e-mail and advise me ASAP if any portions of this e-mail cannot be disclosed to the public.

This e-mail is written purely with the objective of preparing you for a conference call, during which we will discuss disposition of the issues below. This e-mail does not currently convey a formal NRC position, nor does it formally request for information.

1. In Enclosure 1 of Section 5.0 Technical Analysis, the SLMCPR values are calculated to include cycle-specific parameters such as the actual core loading, conservative variations of projected control blade patterns, the actual bundle parameters, and the full cycle exposure range. However, Figures 1 and 2 in Enclosure 3 only provide Reference Core Loading pattern. Please describe under what conditions the difference between the actual core loading and the reference core loading may exist and a possible impact on the SLMCPR calculation and the proposed technical specification change if the difference does exist. Also, show that there is no difference between the actual and reference core loading for Cycles 18 and 19 MCPR calculations.

2. Provide details to justify that the calculated 1.11 Monte Carlo SLMCPR for Oyster Creek Cycle 19 is appropriate using the combination correlation of core bundle-by-bundle MCPR distribution and bundle pin-by-pin power/R-factor distribution, including real values used for parameters such as the constant "c" and the standard deviation "O" for the GETAB method and uncertainties. Identify the cause of the 0.03 increase of SLMCPR value from that of the previous Cycle 18 operation.

Peter S. Tam, Senior Project Manager Project Directorate I-1 Division of Licensing Project Management Office of Nuclear Reactor Regulation

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CC: Tai Huang

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