

From: Peter Tam
To: INTERNET:David.distel@exeloncorp.com;
INTERNET:John.Hufnagel@exeloncorp.com
Date: 9/12/02 4:10PM
Subject: Oyster Creek: Revised draft RAI re. refueling interlock **(TAC MB2893)**

John:

We had a telecon on 8/21/02 to discuss a number of draft questions (reference publicly available e-mail, P. Tam to D. Distel, 8/13/02, Accession No. ML022280432). During the telecon, we agreed to amend the questions. Here they are, as amended:

(1) To prevent criticality during refueling, the refueling interlocks ensure that fuel assemblies are not loaded with any control rod withdrawn. To prevent these conditions from developing, the following are required to be operable: the all-rods-in, the refueling platform position, the refueling platform fuel grapple fuel loaded, the refueling platform trolley frame mounted hoist fuel loaded, the refueling platform monorail mounted hoist fuel loaded, the refueling platform fuel grapple fully retracted position. Are these inputs combined in logic circuits which provide refueling equipment or control rod blocks to prevent operations that could result in criticality during refueling operations? How does an inoperable (disabled) ARI permissive affect the above and your overall refueling operations (e.g., moving the refueling bridge over the core with fuel grapple loaded)?

(2) In the supplemental letter dated June 27, 2002, AmerGen indicated that it would complete the initial testing of the interlock prior to in-vessel fuel movement. The NRC staff finds that refuel interlocks should be tested every seven days to demonstrate that the interlock will function properly when simulated or actual signal indicative of a required condition is injected into the logic. What is the frequency for the refueling interlocks? If the compensatory measures obviate the need for the surveillance, then should the technical specification requirement be removed from the technical specification and controlled administratively? Provide your basis for keeping or removing the technical specification requirement.

If you can expeditiously and formally respond to these revised questions, we'd appreciate that. Otherwise, you can wait for me to issue the same questions by a formal RAI.

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