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Date: 5/14/03 4:06PM
Subject: Oyster Creek UFSAR, Rev. 13, Review (TAC MB8769)

John:

I have gone thru the subject submittal and have the following comments/questions. Per existing NRC internal guidance, my review is purely to determine compliance of the submittal with 10 CFR 50.71. Therefore, when you respond to the following comments/questions, keep in mind that most of the time one word or one sentence would do. I propose that we hold a telecon in the near future, or, alternatively, I can come to the site, to discuss the following.

This e-mail aims solely to prepare you and others for a telecon or a discussion on site. It does not formally request for additional information, nor does it state an NRC staff position.

General

On what date was the last refueling completed?

Chapter 1

Page 1.2-5 - "The system also directs.... in the dynamic test mode" changed to "..... in the torus cooling mode." This appears to be a design change. What led to this change?

Chapter 3

Section s3.5.1.3.2, 3.5.1.3.3, and 3.5.1.4.1 - These do not appear to have been revised by Rev. 13. Despite that, they are in bold face, seemingly to indicate that they have been revised.

Chapter 4

Section 4.2.2.2.2 - What is the reason(s) for deleting the paragraph on water rods?

Section 4.3.2.7.2 - This section was completely rewritten to describe the use of Option II to address the issue of coupled neutronic/thermal-hydraulic instabilities. The NRC staff approved use of Option II at OCNGS by Amendment No. 235, dated 10/18/02 (TAC MB4960). The licensee should assess if referencing (i.e., add Reference 21) the NRC Amendment No. 235 would provide a more complete record. Note that there is no stated regulatory requirement for this, but just a suggestion to improve recordkeeping.

Table 4.4-5 - Five lines (i.e., heat transfer surface area.....average volumetric fuel temperature) were deleted from this table. Reason?

Chapter 5

Section 5.2.3.4 - This new section is on noble metal chemical addition. This change was apparently done under 10 CFR 50.59. I note that Nine Mile Point Unit 1 had to request a change to the TS on coolant chemistry (ref. NMP1 Amendment No. 169, dated 3/8/00). It appears that OCNCS TS did not need any TS change to implement noble metal chemical addition. Is that your understanding?

Chapter 6

Section 6.2.1.1.3 (page 6.2-8) - The new text describes Amendment No. 230, dated 9/11/02 (TAC MB2958), which approved new TSs concerning operability of suppression chamber-to-drywell vacuum breakers. This is a commendable practice in terms of recordkeeping.

Chapter 7

Section 7.5.1.8.7, "Average Power Range Monitor (APRM) System - On page 7.5-18, the subsection "Intermediate Slope Trip and Normal Slope Trip" was deleted. Reason?

Chapter 9

Section 9.1.2.2.3 - This section is revised to reflect a change in design basis, approved by Amendment No. 223, dated 1/23/02, to eliminate the use of the cask drop protection system. The referencing of NRC approval documents is a commendable recordkeeping practice.

Table 9.2-18 (Sheet 2 of 2) - What was changed on this sheet?

Pages 9.3-2, 9.3-3, 9.3-4, 9.3-5 - Paragraphs on the service instrument air system were deleted. Reason?

Table 9.3-2 - The tag numbers for service and instrument air instrumen were changed to just a letter "X." What is the significance of this change, and what is the meaning of "X"?

Chapter 15

Section 15.2.1 - A new paragraph was added regarding steam pressure regulator failure. What was the basis of this paragraph (i.e., 10 CFR 50.59 analysis, or NRC approval)?

Sections 15.6.5.6.2, 15.6.5.6.3, and 15.6.5.7 - These are new sections. Was the information reviewed by the NRC staff as part of Amendment No. 233?

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