From: Peter Tam
To: John Dosa; Steven Leonard
Date: 1/9/04 7:39AM
Subject: Draft RAI re. your proposed amendment on SLMCPR for NMP2 **(TAC MC1370)**

John:

The NRC staff is reviewing your November 20, 2003, submittal proposing an amendment to the NMP2 Technical Specifications, specifically regarding safety limit minimum critical power ratio (SLMCPR) . The NRC staff has the following questions and comments concerning your submittal:

1.   Please identify the design record file to support this amendment, and provide a summary table or figure to show the number of rods that might experience boiling transition as a function of the nominal MCPR.

2.   Provide the assumptions and bases to establish the reference core loading pattern shown in Figure 1 of Attachment 4 for Cycle 10 operation and provide the rationale to place thrice burned GE11 fuel at the center of the core.

3.   Based on Table 1 results in Attachment 4 of the submittal, please provide the rationale for an increase of the calculated SLMCPR value for Cycle 10 operation while its product of parameters for the core bundle-by-bundle MCPR distribution and for the bundle pin-by-pin power/R-factor distribution is lower than that for Cycle 9 operation.

Call me to schedule a conference call with our reviewer, Tai Huang, to discuss these questions and comments. **This e-mail aims solely to prepare you and others for the proposed conference call. It does not formally convey an NRC staff position, nor does it formally request for additional information.** All the questions and comments in this e-mail are subject to dispostion as a result of the proposed conference call.

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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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Creation Date: 1/9/04 7:39AM
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