

From: [Wu, Angela](#)
To: [Guill, Paul E](#); [Gambrell, Reene](#)
Cc: [Johnson, Marieliz](#)
Subject: Oconee SLRA - Request for Public Meeting (Feb 17 @ 1:30pm)
Date: Monday, January 31, 2022 12:54:00 PM

Hello Paul & Reene,

The staff is interested in having a public meeting to discuss the topics below, following receipt of the RAI Responses ([ML22010A129](#)). Would February 17th for a 1.5 hour public meeting starting at 1:30pm work for you?

TRP 143.2 – Metal Fatigue of Non-Class 1 Components (RAI 4.3.3-2):

- The response to RAI 4.3.3-2 indicates that the stress analyses for the pressurizer sampling piping of Oconee Units 2 and 3 meet the acceptance criteria in paragraph 102.3.2(d) of the USAS B31.1 code. The paragraph allows that the difference between the allowable stress at the maximum temperature (S_h) and the sum of longitudinal stresses may be added to the $0.25S_h$ term of equation (1) of paragraph 102.3.2. Equation (1) calculates the allowable stress range S_A using the $0.25S_h$ term.

However, the following references indicate that the applicant used paragraph 104.8.3.B of the B31.1 code (1977 Edition), which compares the S_A+S_h term with the total longitudinal stresses, rather than paragraph 102.3.2(d) that modifies the $0.25S_h$ term (References: Equations 8, 10 and 11 in the stress summary of Calculation No. OSC-2404, Revision 18, page 9 for ONS Unit 2 and Equations 8, 10 and 11 in the stress summary of Calculation No. OSC-2191, Revision 22, page 10 for ONS Unit 3). Please clarify why the applicant's response does not cite paragraph 104.8.3.B of the B31.1 code.

TRP 143.9 – Cycle Projections (RAI 4.3.1-1):

- Discuss the 80-year cycle estimates of Transients 5, 6, 19, 20A, 20B and 20C in UFSAR Table 5-2 to confirm that the cycle estimates are significantly lower than the design cycles of these transients. Note that the response to RAI 4.3.2-1 indicates that Transients 3 and 4 have a cycle estimate on the order of 1000 cycles.

TRP 143.9 – Cycle Projections (RAI 4.3.1-3):

- The response to RAI 4.3.1-3 indicates that the HPI nozzle and reactor vessel head components use reduced transient cycles, as reduced from the design cycles, for 80-year fatigue analyses. Describe the reduced cycles and basis of the reduced cycles (e.g., 80-year projected cycles) for these components.

Thanks!
Angela

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