

**ONS SLRA: Breakout Questions**

SLRA Section B3.4 – Concrete Containment Unbonded Tendon Prestress AMP & TLAA  
TRP: 062 and 145

| Question Number | SLRA Section                | SLRA Page          | Background / Issue<br>(As applicable/needed)  | Discussion Question / Request   |
|-----------------|-----------------------------|--------------------|---|---|
| 1               | 4.5, B3.4 and B2.1.29       | B-204              | <p>Section 4.5 of SLR-ONS-AMPR-X.S1 (Containment Tendon AMP Basis Doc) states, “the calculations for tendon prestressing losses and predicted tendon forces are consistent with NRC RG 1.35.1.”</p> <p>However, SLRA Section B2.1.29 (ASME Section XI, Subsection IWL) contains an exception to element 6 which states, “the predicted lower limit values ... consider the same factors, but are not in complete accordance with RG 1.35.1 for determining predicted lower limit values.”</p> | Please explain this apparent discrepancy and elaborate on the justification for the exception in SLRA Section B2.1.29.                            |
| 2               | 4.5, Figure 4.5-8, and B3.4 | 4 – 90 and B – 299 | SLRA Section B3.4 states that “acceptance criteria consist of predicted values on the forces in individual tendons ...” SLRA Figure 4.5-8 has two points below the predicted lower limit (PLL) with one of those points close to the MRV.   | What, if any, corrective actions were taken to address the lower than predicted values?   |
| 3               | 4.5 and B3.4                | B – 301            | SLRA Section B3.4 includes exceptions to elements 3 and 5 based on initial lift-off data not being available for trending.  | Please explain why it is acceptable to develop the pre-stressing force trend lines without the data from the initial tendon surveillance program. |