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Vogtle Electric Generating Plant Units 3 and 4
License Amendment Request 19-019
Staff Audit Discussion Topics
January 29, 2020

1. Table A.4-4, in calculation APP-1278-GEF-084, Rev. 0 (pg. 20 of 165), shows the summary of the reinforcement in the air inlet hoop direction. This table appears to support proposed UFSAR Table 3H.5-9 in LAR 19-019.
 - a. The “Seismic L/C” and “Values” columns in proposed UFSAR Table 3H.5-9 do not appear to have been updated to match the supporting calculation.
 - b. A note in the supporting calculation explains that the upper and lower sections have been averaged. This note is not included in proposed UFSAR Table 3H.5-9.
2. Figures A.3-1 and A.3-2, in calculation APP-1278-GEF-084, Rev. 0 (pg.12-13 of 165), show how a reduction factor (α) was determined for thermal load cases. The reduction factor was computed using $[]^{a,c}$. It is unclear why $[]^{a,c}$ was used.
3. Proposed UFSAR Table 3H.5-2 lists the controlling load cases and associated forces and moments for the exterior wall at column line 1. The identified controlling load case for Elevation 82’-6” to 66’-6” does not account for accident thermal reactions or pipe reactions (i.e., load combination 7). It is unclear to the staff if this load combination was addressed for this section of the wall.