

NRC Comments on LAR 13-014 (RC to SC Connections)
August 29, 2013 Public Meeting

1. Perform a page-by-page walk thru of the relevant licensing basis changes (Enclosure 1, pages 6-9). In particular, clarify why specific information on Tier2* figures (e.g., 3H.5-7, 3H.5-16 sheets 1&2, etc.) is being deleted and describe whether similar information with equivalent regulatory control is provided in the FSAR.
2. Explain the assumptions for the design of the Aux. building/Shield building roof connection (Enclosure 4, page 6), including shear design and consideration of ACI 349 Chapter 21 provisions pertaining to design of mechanical connections.
3. Explain the analysis performed to assess the significance of the changes in SC-RC connection location (e.g., azimuth changes) on AP1000 global seismic response.
4. Provide exterior elevation views showing the change in SB wall design adjacent to the main steam and main feedwater penetrations. Also, explain the analysis performed to assess the significance of the change on the standard design seismic model(s).
5. Discuss the specific FSAR changes to achieve flexibility for the shield building plate thickness and the tie bar size/ spacing at localized locations.