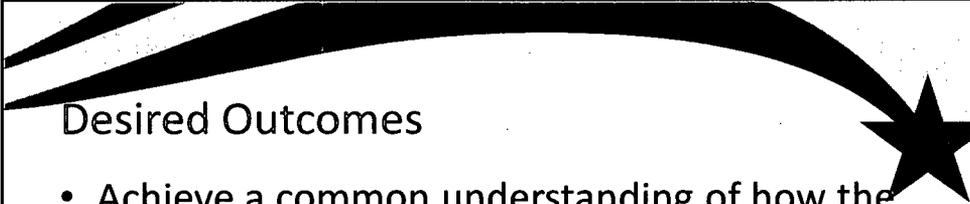


U.S. EPR ITAAC
TIER 1/TIER 2 INFORMATION
June 24, 2010



Desired Outcomes

- Achieve a common understanding of how the U.S. EPR intends to utilize Tier 2/COL information and associated references to close Tier 1/COLA Part 10 ITAAC
- Premise:
 - Supporting information in Tier 2 and references (for the DC) and COL and references (for the COLA Part 10 ITAAC) is used to support verification that the ITAAC Acceptance Criteria are met
 - U.S. EPR Tier 1 ITAAC wording relies on Tier 2

Tier 1 to Tier 2 ITAAC relation (SRP 14.3)

- Tier 1 (COLA Part 10) ITAAC
 - Design descriptions include key performance characteristics and safety functions of SSCs
- Tier 2 (COLA (e.g. FSAR)) include:
 - Supporting information on the inspections, tests, and analyses that should be performed to demonstrate that the acceptance criteria in the ITAAC have been met
- Compliance with Tier 2 provides a sufficient, but not the only acceptable, method for complying with Tier 1.

Applicability of Tier 1/Tier2 Relation Concept to COLA (RG 1.206)

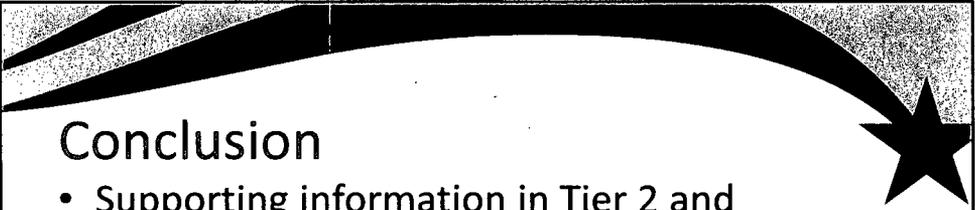
- The applicant should base the content of proposed ITAAC on an extraction from the information provided in the detailed design descriptions for SSCs in the FSAR portion of the COL application.
- This FSAR information is similar to the Tier 2 document provided for a certified design.

ITAAC Inspectability and Quality Issues raised in public meetings

- Lack of any quantitative attribute (in Tier 1 ITAAC AC) to be inspected.
- The ITAAC does not provide sufficient information to allow verification of the essential attributes during the performance of the ITAAC.

Tier 1 to Tier 2 ITAAC detail relationship

- Recent discussions at NRC Public Meetings indicate concurrence with SRP 14.3 position
- CC3 ITAAC currently adopts SRP 14.3
 - Reference to report descriptions in Tier 2 (SQPD and EQPD)
 - Reference to design details in Tier 2 and references (structural or fire barrier separation)
 - Reference to ITAAC analyses for inspection criteria (Analyses for determining list of equipment)



Conclusion

- Supporting information in Tier 2 and references (for the DC) and COL and references (for the COLA Part 10 ITAAC) may be used to support verification that the ITAAC Acceptance Criteria are met