



# **“Report ITAAC”**

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## Public Meeting with Industry on Construction Inspection Program

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# Background

- 2011 RIC Technical Session on Construction Inspection Program
  - NEI: Managing the ITAAC closure bow wave
  - SNC: ITAAC Demonstration Project
  - NRC: Clarity of ITAAC acceptance criteria

**Closure of ITAAC with AC of  
“a report exists”**

# Purpose

- Early ID of troublesome ITAAC AC areas
- Identify areas for NRC/industry focus
- Discuss paths for resolution

# RIS 2008-05 (Rev. 1)

- Describes lessons learned with ITAAC
- “Report ITAAC” lessons learned:
  - Avoid integrating several areas into an ITAAC
  - Lack of clarity (e.g., design report, a report)
  - Report scope and content should be described
  - Closure should specify design or construction
- Maintain complete and **consistent** ITAAC lists

# ITAAC Consistency

- Are ITAAC *consistent* from one design center to another?
- Should ITAAC be *consistent* from one design center to another?
- Are “**Report ITAAC**” *consistent* from one design center to another?

# What are “Report ITAAC?”

- ITAAC with an acceptance criteria that includes a report. For example:
  - “A report exists and concludes...”
  - “A stress report exists...”
  - “A test report exists...”
  - “A pipe break hazards analysis report exists...”
  - “The EQD report exists...”
  - “ASME Code design report exists...”

# ABWR “Report ITAAC”

- Report ITAAC used infrequently
- Never uses the phrase “a report exists”
- All Report ITAAC are specific (e.g., LBB)
- Specific “report” is described in DCD
- ASME Code ITAAC verifies design
- One generic piping design ITAAC
- ITAAC for ASME welds addressed in basic configuration verification

# AP1000 “Report ITAAC”

- Report ITAAC used extensively
- “A report exists...” used extensively
- A specific “report ITAAC” used infrequently
- ASME reports not accurately described
- Scope fo ASME ITAAC is too broad
- ITAAC for piping verification is addressed in each system



# ESBWR “Report ITAAC”

- Report ITAAC used extensively
- Never uses the phrase “a report exists...”
- All Report ITAAC are specific (e.g., BRR)
- Specific reports are described in DCD
- Language for ASME Report ITAAC is clear
- Most Report ITAAC are ASME Code

# Consistency of Report ITAAC

- Report ITAAC are not consistent from one design center to another
- All design centers must meet ASME Code
- Verification of ASME Code ITAAC should be consistent across all design centers
- Closure of ASME Code ITAAC in bow wave

**Focus on achieving consistent closure of ASME Code ITAAC?**

# NRC Staff Planned Actions

- (Today) Initiate dialog with industry on
  - managing closure of ITAAC bow wave
  - identifying potential areas for focus
- Discuss generic closure of ASME Code Report ITAAC with ASME Code group
- Prepare NRO guidance document describing procedure for inspecting Report ITAAC
- Continue discussions on managing ITAAC closure bow wave in CIP public meetings

# Questions?

