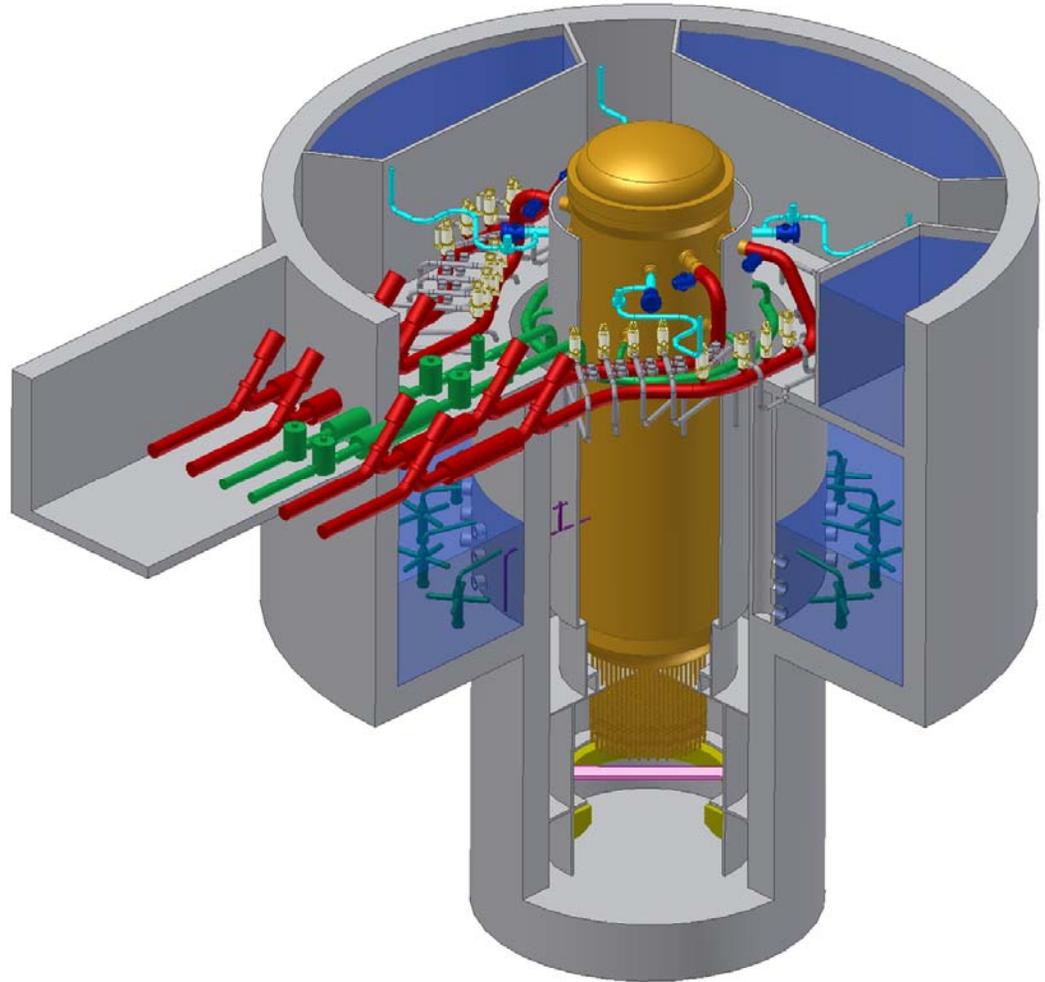


NRC-ESBWR DCWG Meeting

COL Item 14.3A-1-1:
DAC Closure
Schedule
April 1, 2009



Opening Remarks

Purpose:

- > Continue discussion regarding the language to be used in the COLA to address DCD COL Item 14.3A-1-1: Design Acceptance Criteria (DAC) closure schedule
- > Obtain NRC concurrence regarding I&C DAC closure schedule language

Opening Remarks (continued)

Background:

- > DCD COL item 14.3A-1-1:
 - Each COL Applicant will provide a Design Acceptance Criteria ITAAC closure schedule in the COL application and identify whether the standard approach will be used (Subsection 14.3A.1).
- > DCWG proposed DAC closure language at Oct 23, 2008 DCWG meeting
- > NRC staff provided feedback at the February 11, 2009 DCWG meeting

DAC Closure Schedule

Piping DAC

- > DCWG agrees with the staff recommendation (edited slightly):
 - “NAPS Unit 3 is scheduled to be the first standard ESBWR plant licensed and will use the standard approach. Notification to the NRC staff regarding DAC ITAAC closure will be as follows:
 - Piping DAC – The COL applicant/licensee shall notify the NRC staff at least six months prior to each of the following:
 - » Scheduled completion of all ASME Code Design Reports for risk significant piping packages.
 - » Scheduled completion of **all (i.e., the last)** of the pipe break hazard **analyses.**”

DAC Closure Schedule

HFE DAC

- > DCWG agrees with the staff recommendation:
 - “[...] [continued from previous text]
 - Human Factors Engineering DAC – The COL Applicant/Licensee shall notify the NRC staff at least six months prior to scheduled completion of each Results Summary Report.”

DAC Closure Schedule

I&C DAC

- > DCWG disagrees with the NRC staff recommendation:
 - “Applicant/Licensee shall notify the NRC six months prior to scheduled completion of each of the established life-cycle phases for SR and RTNSS platforms.”
- > Concerns
 - Some life-cycle phases are outside the scope of the DAC ITAAC envelope and fall within the ITAAC closure process. Examples of the life-cycle phases that are not within the scope of DAC ITAAC:
 - Installation Phase Summary BRR
 - Test Phase Summary BRR
 - Implementation Phases BRR

DAC Closure Schedule

I&C DAC (continued)

- > Concerns (continued)
 - Closure of ITAAC that are not DAC ITAAC is beyond the scope of the COL Item
 - The proposed NRC text also does not effectively differentiate between the software elements and the hardware elements
- > Note that Part 52 requires licensees to provide an ITAAC implementation schedule within 12 months of receiving a license, and periodically update that schedule

DAC Closure Schedule

I&C DAC (continued)

- > The response to DCD RAI 14.3-402 revised the “demarcation line” between DAC ITAAC and ITAAC from the “Requirements Phase Baseline Review Report” to the “Design Phase Baseline Review Report.”
- > Hence, COL applicants are proposing a revision to the previously proposed text for resolving COL Item 14.3A-1-1 for I&C DAC:
 - “Applicant/Licensee shall notify the NRC six months prior to scheduled completion of the Design Phase Baseline Review Report for each SR and RTNSS platform.
 - Applicant/Licensee shall notify the NRC six months prior to scheduled completion of each software plan for each SR and RTNSS platform (e.g., Software Management Plan, Software Development Plan, Software Integration Plan).”

Questions?