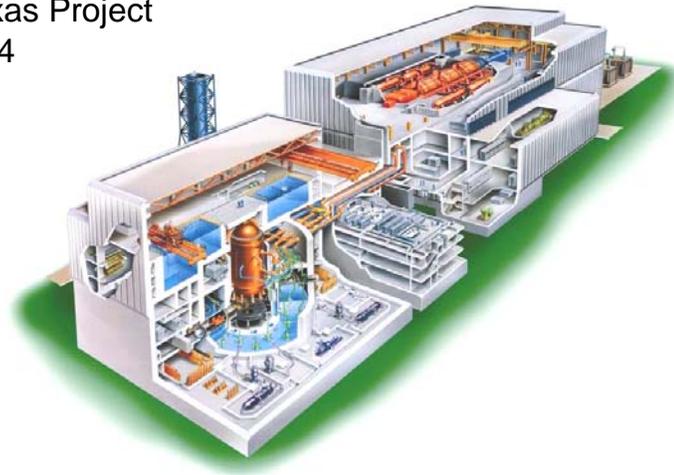


## Public Meeting With STPNOC:

# An Overview of Revision 3 to STP 3 & 4 Combined License (COL) Application

South Texas Project  
Units 3 & 4



## Agenda and Desired Outcomes

Scott Head  
STPNOC Regulatory Affairs Manager  
STP Units 3 & 4

## Agenda

- Introductions and Opening Remarks
- Desired Outcomes and Summary
- Overview of Changes Included in Revision 3 to STP 3 & 4 Combined License (COL) Application
- Overview Discussion and Questions
- Overview Concluding Remarks
- Breakout Sessions
  - Site Characteristics / Environmental
  - Digital Instrumentation and Control (I&C)
  - Breakout Discussion and Questions

## Attendees

Scott Head	STPNOC Regulatory Affairs Manager
Bill Mookhoek	STPNOC Licensing Supervisor
Mike Murray	STPNOC I & C Manager
Dick Bense	STPNOC Licensing Engineer
John Price	STPNOC Licensing Engineer
Coley Chappell	STPNOC Licensing Engineer
Craig Swanner	TANE Licensing Engineer (MPR)
Altheia Wyche	Bechtel Power Corp Licensing Lead
Harry Moate	Bechtel Power Corp Project Engineer
Debbie Johnson	Fluor Licensing Engineer

## Desired Outcomes

- Provide an overview and summary of the changes from Revision 2 to Revision 3 of the STP 3 & 4 COL Application.
- For topics of interest based on NRC feedback, provide the opportunity for discussion and additional questions related to the changes in Revision 3:
  - Site Characteristics
  - Digital I & C

## Overview of Changes

- Revision 3 to STP 3 & 4 COL Application (COLA) submittal dated September 16, 2009
  - Corresponds to the published date in the Application Review Schedule for the completion of Safety Review Phase 1 – Requests for Additional Information (RAI) Issued to Applicant
- Submittal cover letter includes:
  - Summary of Commitments (Attachment 3)
  - Summary of Changes incorporated (Attachment 4)
  - List of NRC staff RAI which required changes to the COLA in the responses, incorporated as of Revision 3 (Attachment 5)

## Overview of Changes

- Changes primarily prompted by the following:
  - Responses to NRC staff RAI related to the FSAR and the Environmental Report
  - Responses to recent Rulemaking
  - Responses to Interim Staff Guidance

## Requests for Additional Information

- NRC staff RAI related to Safety and Environmental Report (ER) reviews which require a change to the COLA in the response.
- A listing of the RAI responses that are incorporated in the COLA as of Revision 3 are provided in Attachment 5 to the submittal cover letter, and include the following information:
  - RAI Letter Number as sent from the NRC to STPNOC
  - RAI question number as shown in the RAI Letter
  - List or description of the COLA sections impacted by each response

## Requests for Additional Information (continued)

- RAI responses that require a change to the COLA and are not included in the tables will be incorporated into the next routine revision to the COLA
  - Submittal date anticipated to be 2<sup>nd</sup> Quarter 2010
  - May be adjusted as necessary to support the Application Review Schedule

## Requests for Additional Information (continued)

- Part 3, Environmental Report, updates including the Alternate Sites Analysis
- Various changes to correct minor errors and other discrepancies throughout the COLA
- Required updates to the description of Digital I & C (breakout session)
- Changes to Chapter 2 in response to RAI, including Ultimate Heat Sink (UHS) and minimum shear wave velocity departure STD DEP T1 5.0-1 (breakout session)

## Changes in Response to Recent Rulemaking

- Part 11, “Mitigative Strategies Report 10 CFR 52.80(d),” is an entirely new Part to the COLA and incorporates the previous report submitted in response to 10 CFR 52.80(d) and 10 CFR 50.54(hh)(2)
- Fitness for Duty (10 CFR 26) in Part 2, Tier 2 Section 13.7
- Cyber Security Program (10 CFR 73.54) in Part 2, Tier 2 Section 13.6.3
- Physical Security Plan (10 CFR 73.55) in COLA Part 8

## Updates to Departures from the Referenced ABWR DCD

- Two new Tier 2 standard departures:
  - STD DEP 3B-2, “Revised Pool Swell Analysis,” described in Part 7, Generic DCD Departures Report, new Section 2.3, “Tier 2 Departures from DCD Requiring Prior NRC Approval”
  - STD DEP 5.4-5, “Addition of a vent line from the Reactor Water Cleanup System Reactor Pressure Vessel (RPV) head-spray line to the Reactor Head Vent Line,” described in Part 7, Generic DCD Departures Report, Section 3.0, “Departures Not Requiring Prior NRC Approval”

## Updates to Departures from the Referenced ABWR DCD (continued)

- Three new standard departures from the Generic Technical Specifications, described in Part 7, Generic DCD Departures Report, Section 2.2:
  - STD DEP 16.5-5, “TS 5.2.2 Unit Staff – Working Hours”
  - STD DEP 16.3-95, “LCO 3.2.3 Linear Heat Generation Rate (LHGR) (Non-GE Fuel)”
  - STD DEP 16.3-96, “LCO 3.4.1, RIPs Operating”

## Technical Specifications

- Changes to the Technical Specifications including the following:
  - A new Technical Specification 5.5.2.11, “Setpoint Control Program (SCP),” governs the methodology for establishing the setpoints for instrumentation functions.
  - Technical Specification 5.7.1.6, “Reactor Coolant System (RCS) Pressure and Temperature Limits Report (PTLR),” identifies the analytical methods previously approved by the NRC for determining the pressure/temperature limits.
  - All Technical Specification brackets have been filled in and the brackets removed in conformance with Interim Staff Guidance ISG-08 (Acceptance Review Item 6).

## Additional Changes

- Chapter 20 Exemption Request Withdrawn
  - The referenced ABWR DCD, Tier 2 Chapter 20, “Question and Response Guide,” is incorporated by reference.
  - Accordingly, previous requests for exemption from Appendix A to 10 CFR Part 52, Section IV.A.2.a, are withdrawn.
- Company name changes to Nuclear Innovation North America (NINA) LLC, NINA Texas 3 LLC, and NINA Texas 4 LLC
  - Previously submitted on the docket with responses to RAI related to Part 1 of the COLA.

## Concluding Remarks for Overview of Changes

Scott Head  
STPNOC Regulatory Affairs Manager  
STP Units 3 & 4

## Discussion and Questions

Related to the preceding overview of changes presented in COLA Revision 3

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## Breakout Sessions

Continued discussion and questions related to the changes in COLA Revision 3 associated with the following topics of interest, based on NRC feedback:

- **Site Characteristics / Environmental**

Leader: Dick Bense, STPNOC Licensing Engineer

Remain at this location

- **Digital Instrumentation and Control (I & C)**

Leader: Mike Murray, STPNOC I & C Manager

Location: T-10-A01

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