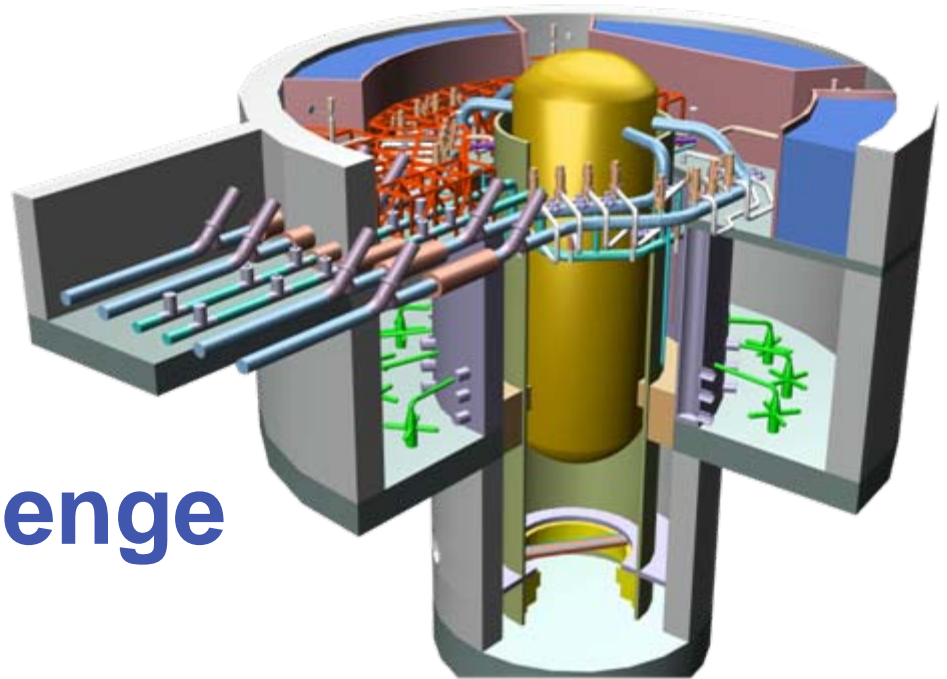


**NRC-ESBWR
DCWG Meeting**

**ESBWR
Certification Challenge
Team**

February 11, 2009



Purpose

Review status of ESBWR certification challenge issues

Obtain NRC feedback

ESBWR Certification - Challenge Team:

GEH

David
Piepmeyer

Rick
Wachowiak

Rick Kingston

Patricia
Campbell

Customers

Joe Hegner
(Dominion)

Gina Borsh
(Dominion)

Spence Semmes
(Dominion)

Peter Smith
(DTE)

Champions

Gene Grecheck
(Dominion)

John Higgins
GEH

Jim Klapproth
GEH

Bob Brown
GEH

ESBWR Certification - Challenge Team Mission:

Develop effective strategies for managing and resolving issues that impact ESBWR design certification due to differing positions between NRC and GEH / ESBWR customers

A standard process to evaluate these challenges

Action plans for each issue such that resolution with NRC is reached and associated RAIs are closed

ESBWR Certification – Challenge List Addition Criteria:

- Topic / Position impasse
- Emergent issue
- Overall certification schedule impact
- NRC guidance unclear
- Previous screening by Technical Oversight Group
- NRC recommendation

ESBWR RAI Challenge List Categories:

Concur

Agree with NRC &
Deliver Requested
Information or Analysis
after Negotiated
Position Achieved

109 RAIs

**Certification
Challenge Team**

Industry Champion

Issue Which Negatively
Impacts All Industry
Suppliers and is Worked
Generically

15 RAIs

NEI

Escalation

Issue Impasse Forces
Discussion to be Taken
to Next Level of
Management

0 RAIs

**GEH,
Customer &
NRC Senior
Leadership**

**81 of the 124 RAIs Associated with
Certification Challenges have been
Submitted**

ESBWR Certification - Challenge List Update:

	<u>Topics</u>	<u>Number of RAIs Associated</u>	<u>Results / Strategy</u>	<u>Action Plan Completed</u>	<u>Owner</u>
1	GDC 17 - Offsite Power	2	GEH concurs - No GDC 17 Exemption	12-9-08	Nunes
2	Reactor Building Mixing	5	GEH concurs with approach discussed with NRC	3-10-09	Marquino
3	Turbine Building Seismic Classification Cat 2 vs. Non Seismic	3	GEH concurs – TB Seismic Cat 2	1-22-09	Herzog
4	Vacuum Breaker Leakage	1	GEH concurs with approach discussed with NRC	12-5-08	Deaver
5	Piping - Jet Impingement	8	GEH concurs. RAI responses submitted.	12-30-08	Deaver
6	Equipment Qualification	6	GEH concurs. Submitted NUREG-1465 dose consequences with RAI responses.	12-1-08	Marquino
7	Control Room Habitability	12	GEH concurs on heat load issue. Secondary issues under discussion.	1-30-09	Arcaro
8	Human Factors Engineering Minimum Inventory List	15	GEH submitted list and methodology. With NRC for review.	1-26-09	Jenkins
9	Steam Dryer	42	GEH concurs. Preparing remaining RAI responses.	3-20-09	Deaver
10	Containment Liner Material	3	GEH concurs – ASME approved Code case. RAI response submitted.	10-9-08	Liu
11	IEEE 603 Compliance	24	GEH concurs - GEH is industry pilot	2-20-09	Butler
12	Setpoint Methodology	3	NEW ADDITION	2-13-09	Elmerick

ESBWR Certification - Challenge Team Continuing Oversight

- Using screening criteria, look for future candidates for addition to challenge list
- Track and manage action plan
- Meet with NRC on challenge issues – incorporate additional issues NRC deems a challenge to certification
- Conduct follow-up sessions with NRC management on the issues list and the resolution process
- Keep NRC abreast of new/emerging issues to assure efficient review