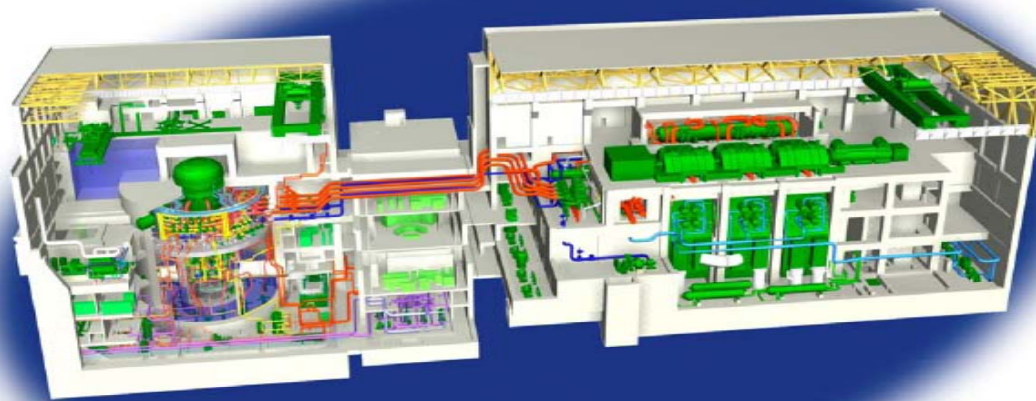


Toshiba's U.S. ABWR Design Certification Renewal

January 31, 2011
Public Meeting



Presentation of Toshiba's Application

Background

- Toshiba submitted its application for renewal of the Design Certification (DC) Rule for the U.S. Advanced Boiling Water Reactor (10 CFR 52 Appendix A) on November 2, 2010.
- The NRC accepted Toshiba's application and established Docket Number 52-044 for this application on December 16, 2010.
- The NRC independently confirmed STP Nuclear Operating Company's (STPNOC's) due diligence review of Toshiba and concluded Toshiba is qualified to supply the ABWR certified design. (Reference NRC Letter and Inspection Report dated August 28, 2009.)

Background (continued)

- STPNOC applied for combined construction and operating licenses for two ABWRs in Texas (South Texas Project Units 3&4) on September 20, 2007.
- STPNOC submitted an application to amend the current ABWR Design Certification Rule to address the 10 CFR 50.150 aircraft impact assessment requirements on June 30, 2009.
- The NRC issued a Proposed Rule for the STPNOC aircraft impact assessment amendment on January 20, 2011.

Toshiba's Renewal Application

- Toshiba developed its renewal application for the U.S. ABWR Certified Design as follows:
 - Started with the currently certified U.S. ABWR Design Control Document (DCDR4).
 - Incorporated departures, supplements, and Requests for Additional Information responses from the STP 3&4 project (as applicable to the standard ABWR design). This includes operating experience.
 - Incorporated by reference the STPNOC Aircraft Impact Assessment (AIA) amendment.
 - Incorporated a revised fuel design.
 - Provided new references for non-Toshiba proprietary information and intellectual property used in DCDR4.
 - Reconstituted portions of the Probabilistic Risk Assessment (PRA) needed to address design changes.
 - Prepared and submitted Toshiba's renewal application and ABWR Design Control Document (DCD) Revision 0.

Contents of Toshiba's Submittal

- Transmittal letter
- DVD containing the public version of the DCD
- DVD containing the non-public version of the DCD
- Change list
- Commitment list (these commitments are now completed)
- Toshiba's Supplemental Environmental Report

Looking Forward

- Toshiba appreciates the opportunity for today's meeting to discuss our renewal application.
- Timely renewal of the Design Certification will ensure the availability of the U.S. ABWR technology for U.S. and worldwide customers during the next decade and beyond.

ABWRs have been operating safely and reliably in Japan since 1996.

- Toshiba is incorporating the STPNOC AIA amendment information into DCD Revision 1.
- Toshiba looks forward to working with the U.S. NRC during the review period.

