



For the US-APWR Design Certification Review Schedule

April 15, 2008

Mitsubishi Heavy Industries, LTD.

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Introduction



- **NRC presented its draft schedule for the US-APWR DCD on March 25, 2008.**
- **The NRC clearly explained its review process and plan and identified the critical paths and their effect on the overall review schedule.**
- **Today, MHI will present additional information and commitments on its future submittals to the NRC that should greatly facilitate and shorten the NRC's review schedule.**

➤ Updated schedule for sump strainer design

- ✓ Complete design and confirmation test, originally planned for September 2009, will be finalized by the end of 2008.

=> Shorter review schedule for Chapters 6 and 15

➤ Updated schedule for stress analyses

- ✓ Stress analysis reports and information for audit, originally planned for June and September 2009 respectively, will now both be available in March 2009.

=> Shorter review schedule for Chapters 3 and 4

➤ **Contents of future technical reports**

- ✓ **Table of contents and outline of reports will insure the NRC has information needed to plan an expeditious review thereby shortening the review schedule of the related chapters.**

➤ **DCD Revision**

- ✓ **DCD is planned to be revised in August 2008.**
- ✓ **The anticipated revisions are not significant and, therefore, will not impact the review schedule.**
- ✓ **It is MHI's intent to minimize open items in the draft Safety Evaluation Report (SER) provided to the ACRS**

MHI's Expectations



- MHI believes that the additional information presented today should greatly facilitate and accelerate the NRC's review schedule of the US-APWR DCD.
 - => MHI has structured its submittals to allow draft SER in fourth-quarter 2009.
- US-APWR features are proven and extensively reviewed in prior PWR design. Its high quality DCD should minimize the ACRS's review schedule.
 - => MHI anticipates the ACRS's review (18 months) to be significantly shortened.
- MHI believes that the above schedule supports issuance of customer's COL currently scheduled for mid 2012.
- MHI would appreciate timely feedback on the items presented today.