



AP 1000 Design Certification Amendment Draft Review Schedule

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Safety Review Schedule Background

- Technical Report (TR) reviews that began in the pre-application phase are continuing
- Schedule initially built based on TR reviews
- Converted to an Standard Review Plan (SRP) section based review schedule to align with Bellefonte Reference - Combined Operating License (R-COL) and the Safety Evaluation Report (SER) section based review output from staff
- Schedule is unique - no generic schedule template; built from bottom up then refined with Technical Branch input
- Schedule will need to be re-evaluated and possibly re-baselined when Recirculation Sump Strainer information is provided, or if other significant Design Control Document (DCD) changes are submitted

Resource Allocation / Staff hour Loading

- Staff is in the process of refining resource estimates
 - Some phase one resource estimates need revision to account for TR review work completed
 - Staff does not expect schedule milestones to change based on resource adjustments because the estimates for the critical path chapters drive the schedule
- Chapters with large resource allocations
 - Chapter 3 - Seismic / Containment Design / Piping
 - Chapter 7 - Instrument and Controls
 - Chapter 9 - Auxiliary Systems

Amendment Milestones (DRAFT)

(Without Recirculation Sump Screen review modeled)

Phase of Review

Target Completion Date

P1 Preliminary safety evaluation report (PSER)
and requests for additional information (RAIs)

July 2008 (some RAIs
currently being issued)

P2 SER with open items (OIs) issued

December 2008

P3 ACRS review SER w/ OIs

March 2009

P4 Advanced SER with no OIs

June 2009

P5 ACRS review Advanced SER w/ no OIs

September 2009

P6 Final SER with no OIs issued

October 2009

Rulemaking Complete (Tentative)

October 2010

Potential Challenges to the Target Amendment Schedule

- Submission of complete design information for recirculation sump screens
- Significant changes to DCD
 - Resubmission of DCD changes removed by Westinghouse in supplemental letters to the Amendment application
- Rulemaking schedule is tentative