



Multinational Design Evaluation (MDEP) Program AP1000 Working Group Activities and Accomplishments

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Status of AP1000 Reviews in Participating Countries

Country	Process	Status		
China	Construction Permit	4 units under construction at Sanmen and Haiyang.		
US	Design Certification	Proposed Rulemaking published Feb. 2011. Complete (final rule published) January 2012		
UK	Generic Design Assessment	GDA Issues and Resolution Plans published July 15, 2011		
Canada	Pre-project design review	not scheduled		

Accomplishments

- Common Positions developed
 - Squib valve qualification, testing, maintenance common position issued
 - Guidelines for novel construction drafted
- Sharing of pre-lease versions of safety evaluations, etc.
- Design review documents stored in MDEP library (applications and design information, technical reports, questions to the applicant and answers, meeting presentations, etc.)
- Working relationships with counterparts facilitates communications

Expert Subgroups

- Squib Valves
 - Consensus reached on technical guidelines. Issued as Design Specific Common Position
- Civil Engineering
 - Continuing to develop technical considerations for innovative construction methods
- Control Rod Drive Mechanism
 - Issues include safety classification and testing

Next Steps

- Discussion of future plans, such as long-term Fukushima lessons-learned