



EPRWG, benefits achieved

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History

- The first meeting in January 2008
 - Finland (STUK), France (ASN), and the US (NRC)
 - UK (ONR), China (NNSA) and Canada (CNSC) joined during 2008 and 2009.
 - India (AERB) joined in 2012 and Sweden (SSM) in 2013.
- 5 technical expert subgroups
 - Accident and Transients
 - Commissioning Activities
 - Digital Instrumentation and Control
 - Probabilistic Safety Analysis
 - Severe Accidents.



Results achieved are remarkable

MDEP Design-Specific Common Position CP-EPRWG-07

- Several Common Positions (7) and technical reports (6) prepared by the TESGs
 - EPR I&C design, several accident management issues inc. Fukushima and Vienna Declaration, PSA,...
 - MDEP generic common position regarding First-Plant-Only-Tests (FPOT).
 - Large number of other technical topics and issues discussed during the meetings.
- Interaction with the industry - regular meetings with the OOG (Owners and Operators Group)
 - At the request of the regulators, in order to get presentations on urgent topics:
 - accident analyses, design data, design differences, safety classification, PSA, I&C, HVAC etc.
 - consultation on draft common positions and technical reports.
 - At the request of the OOG, to obtain common positions on selected topics
 - design robustness in light of the Fukushima Daiichi NNP accident
 - framework and pre-conditions in order to accept crediting First Plant Only Tests (FPOTs).

COMMON POSITION ADDRESSING THE VIENNA
 DECLARATION ON NUCLEAR SAFETY

Participation	
Regulators involved in the MDEP working group discussions:	NNSA (China), STUK (Finland), ASN (France), SSM (Sweden), ONR (UK)
Regulators which support the present common position:	NNSA (China), STUK (Finland), ASN (France), SSM (Sweden), ONR (UK)
Regulators with no objection:	AERB (India)
Regulators which disagree:	-

MDEP Common Position CP-STC-01

Common Position addressing
 First-Plant-Only-Tests (FPOT)

Participation	
Regulators involved in the MDEP STC discussions:	All MDEP members
Regulators which support the present report:	All MDEP members
Compatible with existing IAEA related documents:	Yes

Keys to success

- Need and motivation
 - to get information from others – review results, safety analyses, FOAK and novel design features,...
- Openness
 - to share information between members
- Co-operation
 - “Together we are stronger” way of thinking
 - Interaction between regulators and industry
 - Interaction with other MDEP and NEA’s groups
- Agility
 - low bureaucracy and threshold to start new things
- Well-working support functions
 - from the NEA Secretariat
 - MDEP library.



