



Industry Initiatives on New Reactor Designs

Gary Holahan

Deputy Director, Office of New Reactors

US Nuclear Regulatory Commission

Chair, MDEP Steering Technical Committee

MDEP Response to CORDEL proposal

- MDEP supports harmonization.
- MDEP supports cooperation that makes stronger regulators.
- MDEP agrees that information sharing on design assessments is already in place.
- Industry should take steps to improve the international standardisation of its work.
- Validating and accepting design approvals of other countries remains an objective worth considering further; however, it is the responsibility of the local country's regulator to understand the design well enough to oversee construction, maintenance, operation, emergency preparedness, and decommissioning.
- International design certification is not viable.

Safety Classification

- Issue

- Several MDEP working groups identified that the use of different approaches in the safety classification schemes employed by members is an impediment to cooperation

- Actions

- MDEP will focus its efforts on providing input to a draft IAEA standard, DS-367, rather than initiating a new project on this topic
- MDEP member countries submitted comments on DS-367 separately

- Next Steps

- MDEP STC will consider developing a position on the IAEA standard

MDEP input to International Standards

- MDEP Digital I&C Working Group encouraged IEEE and IEC joint cooperation
- MDEP Codes and Standards Working Group encouraged a Code comparison project by the Standards Development Organizations (AMSE, JSME, AFCEN, KEA, CSA and NIKIET) and obtained a commitment to work together to minimize further divergence.
- IAEA participates in the work of MDEP
- MDEP contributes to IAEA standards review
- MDEP developed a position paper on Safety Goals and presented at an IAEA meeting.