Waste Safety Standards Committee

36th Meeting

19 November 2013

Agenda Item W.8
DS 441 Construction for Nuclear Installations

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OSS, NSNI

IAEA
International Atomic Energy Agency
Background

- A large number of new builds
- New embarking countries with no experience
- Experienced countries with no recent construction
- First-of-a-kind reactors being built
- Multi-national participation in new builds
OBJECTIVE

• To provide recommendations and guidance based on international good practices in the construction of nuclear installations, as currently followed in Member States, which will enable construction to proceed with high quality, consistent with the design requirements, and as agreed by the regulatory body in issuing the authorization for construction.
For site with multiple nuclear installations, it has been recommended to carry out safety and security assessment to minimize the impact from existing operating facilities in term of potential radiological contamination and independence of safety system etc.
Status of Safety Guideline Revision

- Approval of DPP by the Nuclear Safety Standards Committee (NUSSC) - November 2010
- Approval of DPP by CSS - May 2011
- Preparation of Draft - May 2011
- Approval of Draft by the NUSSC and WASSC for submission to Member States for comments - October 2011
- Approval by Safety Standards Committees for submission to CSS - November 2013
- Endorsement by CSS - April 2014
- Approval by the Publication Committee - November 2014
- Target publication date - Early 2015
Comments Received

The following members have responded to the Draft:

- Argentina
- Belgium
- Canada
- ENISS
- Finland
- France
- Germany
- Indonesia
- Japan
- Pakistan
- Russian Federation
- Sweden
- UAE
- United Kingdom
- USA
- WNA/CORDEL
Nature of the comments

- Construction experience
- Good practice
- Completeness
- Clarity
- Better understanding
- General
- Typo
- Editorial (the Draft has been reviewed by Technical Editor)
- Language (the Draft has been reviewed by Technical Editor)
# Comments Received

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Comments

• Most of comments are accepted (~72 %)
• Those comments, which were not taken into account do not have a fundamental, meaningful impact on the Draft Guide.
Major changes

• Regulatory oversight of construction activities

.....

3.3 Regulatory oversight during construction should cover management system of the licensee and its control of contractors and subcontractors, as well as the monitoring and direct observation of construction work practices and items and equipment used in construction.

New added paragraph to reinforce the requirement of regulatory oversight.
Thank you for your attention!
Questions?
Approval for submission to Commission for Safety Standards