Nuclear Safety Standards Committee

44th Meeting, 28 – 30 November, 2017

Agenda item
DPP for Draft Safety Guide DS513:
Leadership, Management and Culture for Safety
(Revision and combination of GS-G-3.1 and GS-G-3.5)
– For information –

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Section - OSS
Division – NSNI
Leadership and Management for Safety

• **The Guides**
  – GSG 3.1 Application of the Management System for Facilities and Activities published 2006
  – GSG 3.5 The Management System for Nuclear Installations published 2009

• **Will be updated and merged and comply with the long term structure of safety standards approved in 2008**

• Coherency and consistency with the other relevant IAEA Safety Standards (e.g. SF-1 and GSRs), and the recently published NPPs documents (SSR-2/1 and SSR-2/2 rev 1) will be incorporated in the drafting of the document.

• The guide will incorporate experience on application of the documents, and the feedback from peer reviews and the accident at the Fukushima-Daiichi NPP
Overview of the Document

• The scope of DS513 is the same as GSR part 2.
• The new information in DS513 includes
  – Leadership for safety,
  – Leadership and culture for safety continuous assessment and improvement,
  – Up-dated Supply chain guide
  – Up-dated Interested parties guide
  – Interfaces between safety and security
• Other Changes
  – Incorporation of detailed aspects of GSR 3 not included in GSR part 2
  – Incorporation of INSAG 27 elements
  – References updated
Development of Guides

GS-R-3 Detailed aspects that will need to be incorporated into GSR part 2 guides.

Chapter 1 Guide on Generic requirements of GSR part 2
- Integrated management system
- Graded approach
- Safety and Security interfaces

- Generic requirements embedded in all standards (Requirement 6, 7, 12)

Chapter 2 Leadership and Culture for safety
- Role of leadership in safety
- Fostering of a strong safety culture

- Requirements 1, 2, 12

Chapter 3 Management for safety
- Management Responsibility
- Management system
- Resource management
- Process implementation

- Requirements 3-11

Chapter 4 Measurement Assessment and Improvement Chapter 4
- Management system
- Leadership and Culture for safety

- Requirements 13, 14
Development of Guides – work streams

Chapter 1 Guide on Generic requirements of GSR part 2
- Integrated management system
- Graded approach
- Safety and Security interfaces
- CSs on Safety and Security Interfaces (OSS and Transport)
- CRP on Organisational Factors
- Guide on Oversight (in preparation)
- Review of Tech doc on Graded approach. (Tecdoc 1740)

Chapter 2 Leadership and Culture for Safety
- LeaD project
- Safety Leadership School
- Workshop for senior managers in Leadership and safety culture
- Workshop for Systemic approach to safety
- Harmonization of Safety Culture frameworks
- Human and Organizational Aspects of Assuring Nuclear safety 2016
- International Conference on Quality, Leadership and Management in the Nuclear Industry July 2018

Chapter 3 Management for safety
- CS on Comparison of International standards and Quality systems
- CRP meetings on organisational factors
- Third International Conference on Human Resource Development for Nuclear Power Programmes May 2018

Chapter 4 Measurement Assessment and Improvement
- ISCA experience
- Safety Culture Self assessment experience OSART/IRRS/INSARR

GS-R-3 Detailed aspects that will need to be incorporated into GSR part 2 guides.

TM on development of Guide July 2017
CS on review of Guide information July 2017
CSs on development of guide May and July 2018
Status of the Document

- The DPP was approved by the NSNI Coordination committee in October 2017.
- The DPP was developed in one TM and two Consultancy Meetings during 2017.
Requested Action

• Note there are a number of work streams for the Guide to GSR part 2.

• Note the dates of the development CSs for 2018
  – May 15th-18th
  – July 2nd – 5th
Thank you!