45th Meeting of the Waste Safety Standards Committee

2 – 5 July 2018

Agenda Item W 4.1

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 approval for submission to CSS –

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Proposal for guide to GSR part 2

Two guides supporting GSR -3 are to be reviewed revised and merged:


The Management System for Nuclear Installations GS-G-3.5 (published 2009)

[GSG 3.5 is described as “supplementary” and to be used with GSG 3.1]

And new guidance will be incorporated specifically on Leadership for Safety.
Overview of Document

• Providing the generic guidance on the basis of Leadership, Management and Culture for Safety and their balanced approach.

• Target audience are the Operating Organizations for facilities and activities, Regulatory bodies, TSOs and government organizations.

• Major themes are
  – Management for safety, including graded approach and IMS;
  – Leadership for safety;
  – Culture for safety;
  – The assessment, measurement, assessment and improvement approaches.

• NUSSC is the lead committee- RASC, EPRcSC, WASSC, TRANSSC and NSGC will also see developments.
Fukushima Implications

• The update specifically includes the lessons learned in management, Leadership and Culture for safety as included in GSR part 2.

• First guide to specifically incorporate guidance on Leadership for safety
Interfaces with Existing and/or Planned Publications

Requirements

Interfaces with specific Guidance (published and in development)

- NPPs
- Fuel Cycle
- Research Reactors
- Waste & Decommissioning
- Radiation Safety
- Regulatory Body
- Transport
- Emergency Preparedness and Response
- Security
Interfases with Existing and/or Planned Publications

• Review of interfaces has found:
  – Opportunities to clarify how an IMS works with leadership and culture for safety
  – Opportunities to guide on how to develop leadership for safety
  – Opportunities to guide on the fostering and development of safety culture
  – Opportunities to guide on the graded approach with respect to small organizations and supply chain.
  – An Opportunity to guide on the IMS and Culture with respect to interfaces between safety and security

The proposal is to establish core or fundamental aspects of Management, Leadership and Culture for safety which can be applied in a graded approach and with the support of an IMS.
Proposed Structure

As the Structure is a proposal, only the high level content is identified in the DPP:

Chapter 1 Guide on Generic requirements of GSR part 2

Chapter 2 Leadership and Culture for safety

Requirements 1, 2, 12

Chapter 3 Management for safety

Requirements 3-11

Chapter 4 Measurement Assessment and Improvement Chapter 4

Requirements 13, 14
Status of the Document

• At Step 2
• Submitted to RASSC, TRANSSC, EPReSC, and NSGC – further discussions necessary.
• Due to go to WASSC in July.
• The DPP was developed in two Consultancy Meetings during 2017 following a TM in June 2017. Most facilities and activities participated

• Main issues under discussion are:
  • Scope of guide, questions that generic guidance can be given
    – This is a generic guide which will identify the key concepts of Management, Leadership and Culture for safety that with guidance in the ‘graded approach’ will assist any type and size of organization. See SPESS A ANNEX IV
  • The need for a generic guide in Management for safety
    – Unfortunately not all specific guides have guidance on management systems. Also need to reintroduce and reinforce the need for quality systems to support safety.
Committee Member Comments: Summary

There were Comments on DPP by:

Canada
China
Finland
France
Germany
Iran
Japan
Pakistan
Turkey
USA

There were:

76 comments
- 43 accepted and DPP modified.
- 11 “accepted but modified” and DPP edited.
- 22 rejected and reason documented in comments tables.
Planned Schedule

Approval of DPP – Following discussions likely to be Q3
Approval by CSS – Q4

Drafting of Guide – Q2 2018 – Q3 2019

Key steps that will determine Timetable is Step 6/7 Q4 2019 Q1 2020, as discussions with member states on content of guide will be continuous.
WASSC is asked for their approval for submission to the CSS.
Thank you!