43rd Meeting of the Waste Safety Standards Committee

12 – 15 June 2017

Agenda item W5.2

Background and Current Status

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DS477 Background

• Agreed at the 29th WASSC in June 2010 to revise and combine:
  – GS-G-3.3 “Management System for the Processing, Handling and Storage of Radioactive Waste”

The aim was to ensure proper treatment of the interdependencies between predisposal management and disposal of waste
DS477 Background

- DPP for the new combined document (DS477) prepared, reviewed, revised, presented to the Committees and agreed in 2013
  - MS review comments on the DPP received from Finland, France, Germany, Japan, Korea, Pakistan and USA. These were discussed and resolved
  - DPP presented to, discussed and agreed at 35th WASC in July 2013
  - Steps 1 through 4 were thus completed
  - Moved into Step 5: “Preparing the draft publication”
DS477 Background

• Six consultancy meetings held for document development:
  – May 2014, October 2014, December 2014, March 2015, August 2015 and April 2017

• Reasons for delays in document development:
  – The document needed to be consistent with GSR Part 2 and so had to wait for its publication: GSR Part 2 was published in June 2016
  – Staff turnover during the long gestation period – there have been several TOs
DS477 Current Status

• Work in early 2017 has:
  – Considered and resolved all outstanding comments on the previous draft (comments from various IAEA staff)
  – Made the latest draft consistent with GSR Part 2, both in terms of its use of language and structure – see next slide
  – Addressed all stages in the lifetime of a waste management facility
  – Rationalised the set of Appendices and Annexes – see next slide
  – Removed unnecessary repetition
DS477 Current Status

Current document structure:

1. Introduction
2. Responsibility for safety
3. Leadership for safety
4. Management for safety
   - The main section
   - Structured based on the Requirements of GSR Part 2
   - Sub-sections go systematically through the lifetime of a store/disposal facility
5. Culture for safety
6. Measurement, assessment and improvement of the management system

Appendix I: Examples for predisposal radioactive waste management facilities
Appendix II: Examples of key management system aspects for disposal facilities
Appendix III: Example of the graded application of management system requirements
DS477 Current Status

• The draft is now ready for internal agreement to be sent to the Coordination Committee

• Then submitted to WASSC 44 (November 2017) for requesting authorization to send the document to the MS for comments

• New Target publication date: Q1 2019
Thank you!