1st Meeting of the EMERGENCY PREPAREDNESS AND RESPONSE COMMITTEE (EPRReSC)

30 November to 2 December 2015

Agenda Item EP4.3.a

Status of standards under development in the waste safety area

Gabriela Siraky,
WASSC Coordinator, WES, NSRW
Current status of Safety Requirements for WM

- **IAEA Safety Standards** for protecting people and the environment

  - DS 456: The Management System for Facilities and Activities
  - DS 462: Addendum DS 462
  - DS 457: DS 457
  - DS 478: DS478

Step 14 Step 11 2014 Step 14 2009 2014

- **Revised 2013**
- **2009**
- **2014**
- **Decommissioning of Facilities**

- **IAEA Safety Standards** for protecting people and the environment

  - General Safety Requirements Part 6
  - No GSR Part 6
  - No GSR Part 6
  - DS 450

- **IAEA Safety Standards** for protecting people and the environment

  - Safety Assessment for Facilities and Activities
  - Addendum DS 462

- **Safety Requirements**
  - General Safety Requirements Part 3
  - No GSR Part 3

- **Safety Requirements**
  - Specific Safety Requirements
  - No GSR Part 5

- **Safety of Nuclear Fuel Cycle Facilities**

- **Disposal of Radioactive Waste**

- **Preparedness and Response for a Nuclear or Radiological Emergency**

- **Radiation Protection and Safety of Radiation Sources: International Basic Safety Standards**
WSS on Management of Environmental Releases

IAEA Safety Standards
- Radiation Protection and Safety of Radiation Sources: International Basic Safety Standards
  - General Safety Requirements Part 3
    - No. GSR Part 3

2006: DS 442
- REGULATORY CONTROL OF RADIOACTIVE DISCHARGES TO THE ENVIRONMENT
- SAFETY GUIDE

2007: DS 427
- IAEA Safety Standards
  - for protecting people and the environment
- IAEA Safety Standards
  - for protecting people and the environment
- Generic Safety Guide
- Specific Safety Guide

2014: Step 11
- Assessment of Facilities and Activities for Protection of the Public and Protection of the Environment

IAEA Safety Standards
- Generic Criteria for the Radiation Protection of the Public and the Environment
- Generic Safety Guide

2006: DS 432
- IAEA Safety Standards
  - for protecting people and the environment
- Generic Safety Guide
WSS on Predisposal Management of Radioactive Waste

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Step 14  Step 14  2006  Step 11  2013  Step 5
WSS and related SSs for Predisposal Management at NFCF
WSS on Management of Radioactive Waste/Residues from mining/NORM industries
WSS on Decommissioning

IAEA Safety Standards
for protecting people and the environment

Radiation Protection and Safety of Radiation Sources: International Basic Safety Standards

General Safety Requirements Part 6
No. GSR Part 6

2014

IAEA Safety Standards
for protecting people and the environment

Decommissioning of Facilities

General Safety Requirements Part 6
No. GSR Part 6

2014

IAEA Safety Standards
for protecting people and the environment

Decommissioning of Nuclear Power Plants, Research Reactors and other Nuclear Fuel Cycle facilities

Specific Safety Guide

2004

IAEA Safety Standards
for protecting people and the environment

DS 452

Application of the Concepts of Exclusion, Exemption and Clearance

Safety Guide
No. RS-G-1.7

2004

Step 11

IAEA Safety Standards
for protecting people and the environment

DS 403

Decommissioning of Medical, Industrial and Research Facilities

Safety Guide
No. WSG-02

1999

Step 8

IAEA Safety Standards
for protecting people and the environment

DS 403

Release of Sites from Regulatory Control on Termination of Practices

Safety Guide
No. WSG-6.1

2006

IAEA Safety Standards
for protecting people and the environment

DS 403

Safety Assessment for the Decommissioning of Facilities Using Radioactive Material

Safety Guide
No. WSG-G.5.2

2009
# Work Plan 2014-2017 (1/2)

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WSS and related SSs in future meetings

**WASSC41 (June 2016)**
WSS for approval: DS403 (S11), DS459 (S7), DS489(S7)

Other SSs for approval: DS472(S11), DS473(S11), DS474 (S7), DS475(S7), DS478 (S11), DS481(S7), DS482(S7), DS483(S11), DS484(S7), DS485(S11), DS487(S7)

**WASSC42 (November 2016)**
WSS for approval: DS477, DS468(S7)

Other SSs for approval: DS449 (S7), DS479 (S11), DS486 (S11), DS491 (S7)
Thanks for your attention

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