Waste Safety Standards Committee
37th Meeting
23-27 June 2014

Agenda Item W.14.3

Report from the International Conference on the Safety and Security of Sealed Sources
Abu-Dhabi, October 2013

Monika Kinker, WES/NSRW
Hilaire Mansoux, UH RIT/NSRW
• Over 320 participants from 87 IAEA Member States, 1 non-Member State and 6 International Organizations
• Coincided with the 10th anniversary of endorsement of the Code of Conduct
• 68 Member States submitted national reports for the Conference
• 7 thematic sessions, 60 invited speakers, 140 submitted papers
Sessions related to Disused Sealed Radioactive Sources

• Session 4: Better control of movement of sources, including return and repatriation of disused sources
• Session 6: Long term safe and secure management of, and funding for, disused sources, including legacy sources
Long Term Management of Disused Sources

Presentations on:

- French experience of DSRS management
- Borehole disposal project in the Philippines
- Long term safe and secure management of disused sources in Turkey
- Management of disused sources in Cuba, Ghana, Ukraine, Portugal
- Management of disused sources in Ghana
- IAEA approach to operations solving problems of disused sources in MS
Long Term Management of Disused Sources

Discussions on:

- Management Options: Reuse, Recycle, Storage, Disposal, Repatriation to Supplier
- Transport Issues for Old Sources
- Funding Old Source Shipments and Financial Guarantee
- Interface between Source/Waste Regulations
- Borehole Objectives: Storage or Disposal
- Interim Storage, Long Term Storage, Disposal
- Participation in the Joint Convention
Main outcomes: President’s findings

4 main recommendations:
1. Need for a legally binding instrument?
2. Long term management of disused sources
3. Safety Security relationship
4. Information exchange on the implementation of the Code of Conduct
Long term management of disused sources

Recommendations:

• Supplier States are encouraged to strengthen their cooperation, collect data related to sources exported and share them
• Ratification of the Joint Convention

• Additional guidance at the international level for the long term management of disused sources (policy and strategy, national storage facility, organization of return to supplier, interface with transport & waste regulations)
Context for Technical Discussion

- Next TM in October 2014 will be dedicated to the development of additional guidance for the **long term management of DSRS**

- **Safe and secure** long term management of DSRS has been a regular topic of discussion within the context of the Code of Conduct on the Safety and Security of Radioactive Sources
  - Last dedicated TM in March 2012
Context for Technical Discussion

- Safe and secure long term management of high activity DSRS is an important and ongoing priority for States

- Development of comprehensive national infrastructure and strategies is a key priority area for the IAEA in the provision of assistance
Way Forward

• CS to consolidate safety and security findings, and to draft guidance
  • National policy and strategy
  • Legislative and regulatory framework
  • Role of regulatory body
  • Options for long term management, including recycling, return to supplier, repatriation, on-site storage, national storage, disposal
• October TM dedicated to discussion and development of guidance on long term management of disused sources
Format of Guidance to be developed

- Parallel to supplementary *Guidance on the Import and Export of Radioactive Sources*
- Directed to States
- Will make reference to existing IAEA Safety Standards and Nuclear Security Series publications
- Will not introduce any new requirements on States or industry
All presentations, conclusions available on the conference web page and on:

http://gnssn.iaea.org/csn

Update on October TM can be provided to SSCs in Fall 2014