



International Atomic Energy Agency

**Information and update on issues from 2009 and
2010 Technical Meetings on the Code of Conduct**

E. Reber, NSRW/RIT

Contents

- **Technical Meeting on Implementation of the Code of Conduct on the Safety and Security of Radioactive Sources with Regard to Long Term Strategies for the Management of Sealed Sources; 29 June to 1 July 2009**
- **Open-ended Meeting of Technical and Legal Experts for Sharing of Information on States' Implementation of the Code of Conduct on the Safety and Security of Radioactive Sources and its supplementary Guidance on the Import and Export of Radioactive Sources; 17 – 21 May 2010**
- **Recent developments**

Management of disused sources

- **2009 & 2010 Meetings:**
 - **Reuse, recycling and repatriation of radioactive sources**
 - **Long-term storage options**
 - **Designation of disused sources as radioactive waste**
 - **States should develop national strategies for end-of-life management**
 - **Transport issues**
 - **Suggestion that future Code meeting focus on disposal of disused and orphan sources**



Import and Export Guidance

- **2010 Meeting; process for review of the Guidance**
- **30 May – 1 June 2011; TM finalized text of Guidance**
- **September 2011; Approval by the BOG and endorsement by the GC**
- **Publication expected soon**

SSG-17, Orphan Sources and Other Radioactive Material in the Scrap Metal and Recycling Industries

- **Recommendations on meeting Safety Requirements in relation to the presence of radioactive material in scrap metal**
- **Responsibilities and actions concerning the discovery of radioactive material and regaining control over it**
- **Published 2012**

IAEA Safety Standards

for protecting people and the environment

Control of Orphan
Sources and Other
Radioactive Material
in the Metal Recycling
and Production Industries

Specific Safety Guide

No. SSG-17

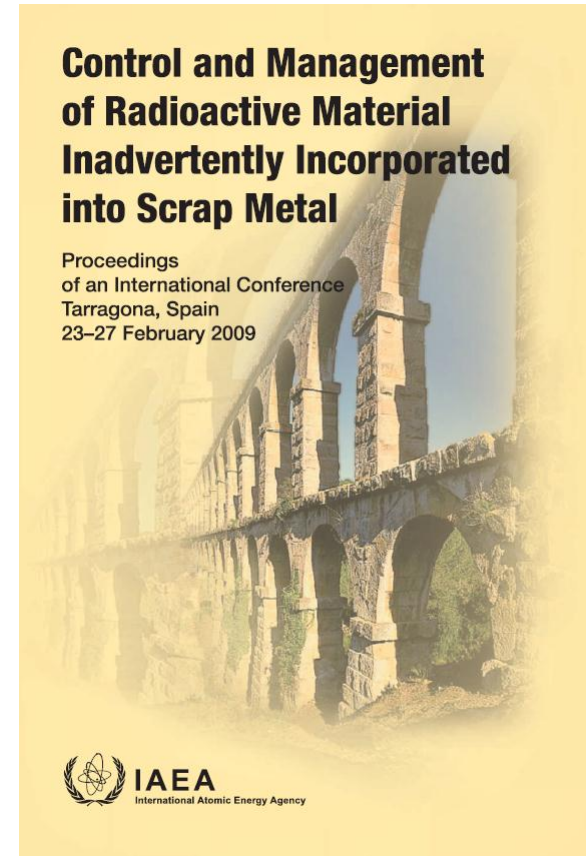


IAEA
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International Conference: Control and Management of Radioactive Material Inadvertently Incorporated into Scrap Metal

“...binding international agreement between governments to unify the approach to transborder issues concerning metal scrap containing radioactive material ...”



Draft Metal Recycling Code of Conduct

- **Based on ‘Spanish protocol’, SSG-17, Sources and Research Rx Code of Conducts**
- **Scope: radioactive material in transboundary movements of consignments**
- **Objective: protect people and the environment; harmonize the approach of States**
- **Aim is to bring radioactive material that is discovered under control promptly and handle it safely**
- **Roles of the State, regulatory body, industry and IAEA**

Draft Metal Recycling Code of Conduct

- **Radiological criteria: clearance values and exempt values for sources**
- **Radiation monitoring of consignments and provision of a radiation monitoring report**
- **Discovery of radioactive material**
- **Return of consignments**
- **Training of individuals**

Orphan sources

- **2009 & 2010 Meetings:**
 - **Fate of orphan sources at borders**
 - **Campaigns to locate orphan sources**
- **IAEA:**
 - **Safety Guide on National Strategy for Regaining Control over Orphan Sources and Improving Control over Vulnerable Sources published in 2011**
 - **Orphan Source Search Training Course**
 - **For Pakistan in Beijing; 28 Feb-4 March 2011**
 - **Regional Training Course in the Philippines; Nov. 2011**

Code of Conduct - JC synergies

Exchange of information in the context of these two instruments concerning disused sources that have been declared as waste should be promoted

National Register of Sources

- **2009 & 2010 Meetings:**
 - **Much progress has been made**
 - **Many States use the IAEA's Regulatory Authority Information System (RAIS)**
- **IAEA:**
 - **RAIS is a software developed to assist regulatory bodies in managing their regulatory programme**
 - **Regional and country-specific training**

Education & Training in Radiation, Transport & Waste Safety

IAEA Strategic Approach to Education & Training in Radiation, Transport & Waste Safety 2011-2020

Working with MS through TC regional projects:

- Identification of E&T needs through the development of a national strategy**
- 6-month post graduate course on radiation safety**
- Train the Trainers**
- Training Radiation Protection Officers**

Infrastructure for Regulatory Control for Safety and Security

- **2009 and 2010 Meetings:**
 - Regulations and legislation related to security has improved
 - RB takes the lead role in ensuring security requirements are met
- **IAEA:**
 - Appraisal (IRRS) and advisory missions have incorporated review of Code of Conduct provisions
 - Self-Assessment Tool (SAT) addresses Code of Conduct provisions

Regional Meetings for Sharing Experience and Lessons Learned on the Implementation of the Code of Conduct

- **Santiago, Chile; 28 Nov. – 2 Dec. 2011**
- **Ouagadougou, Burkina Faso; 30 Jan. –
3 Feb. 2012**

International Conference

- **2010 Meeting: IAEA should convene an international conference on the safety and security of radioactive sources to follow up the findings of the Bordeaux Conference (2005)**
- **International conference on safety and security of sources to be held on 27 – 31 October 2013 in Abu Dhabi, United Arab Emirates**

Conclusions

- **Progress has been made concerning issues raised at the 2009 and 2010 Code of Conduct meetings**
- **Issues from previous meetings will be on the agenda for our meeting this week**

THANK YOU
FOR YOUR ATTENTION