

**International Atomic Energy Agency**

# **Code of Conduct on the Safety and Security of Radioactive Sources**

**Promoting the Code of Conduct on the Safety and Security of  
Radioactive Sources to the Diplomatic Community in Vienna, Austria**

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NIGERIA**

# Major Influences on the Code of Conduct



**CODE OF CONDUCT ON THE SAFETY AND SECURITY OF RADIOACTIVE SOURCES**

放射源安全和保安行为准则

**CODE DE CONDUITE SUR LA SÛRETÉ ET LA SÉCURITÉ DES SOURCES RADIOACTIVES**

**КОДЕКС ПОВЕДЕНИЯ ПО ОБЕСПЕЧЕНИЮ БЕЗОПАСНОСТИ И СОХРАННОСТИ РАДИОАКТИВНЫХ ИСТОЧНИКОВ**

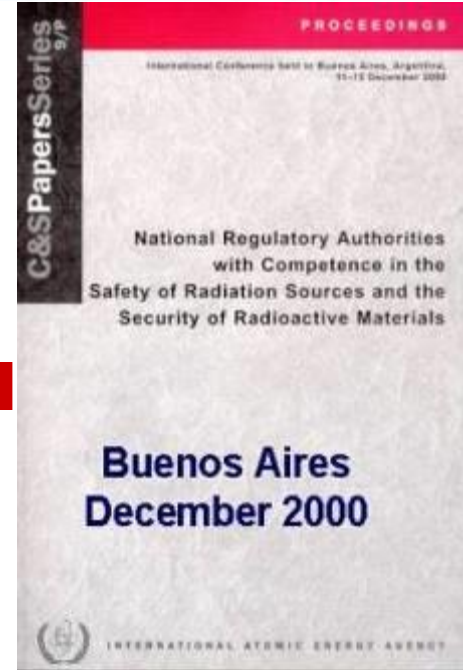
**CÓDIGO DE CONDUCTA SOBRE SEGURIDAD TECNOLÓGICA Y FÍSICA DE LAS FUENTES RADIATIVAS**

مدونة قواعد السلوك بشأن أمن المصادر المشعة وأمنها

 **IAEA**  
International Atomic Energy Agency



**Sept 11**



International At

**Vienna, March 2003**



**G8 Evian Summit June 2003**

# Objectives

CODE OF CONDUCT ON  
THE SAFETY AND SECURITY OF  
RADIOACTIVE SOURCES

放射源安全和保安行为准则

CODE DE CONDUITE SUR  
LA SÛRETÉ ET LA SÉCURITÉ  
DES SOURCES RADIOACTIVES

КОДЕКС ПОВЕДЕНИЯ ПО  
ОБЕСПЕЧЕНИЮ БЕЗОПАСНОСТИ И  
СОХРАННОСТИ РАДИОАКТИВНЫХ  
ИСТОЧНИКОВ

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SOBRE SEGURIDAD TECNOLÓGICA  
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to achieve and maintain a high level of safety and security of radioactive sources

to prevent unauthorized access, loss of control, theft or malicious use

to mitigate or minimize the radiological consequences of any accident or malicious act



# Objectives

- **The objectives of this Code should be achieved through the development, harmonization and implementation of national policies, laws and regulations, and through the fostering of international co-operation**

# Code of Conduct on the Safety and Security of Radioactive Sources

- Set of Principles, Objectives and Guidance to ensure Safety and Security of sources
- Focuses on sources that may pose significant risk (Annex 1)
- Approved by the IAEA Board and the General Conference in September 2003



# Contents

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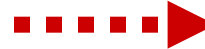
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**Based on  
existing  
International  
Standards**



IAEA Safety Standards

for protecting people and the environment

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

Jointly sponsored by

EC, FAO, IAEA, ILO, OECD/NEA, PAHO, UNEP, WHO



General Safety Requirements Part 3  
No. GSR Part 3



**Provides guidance on:**



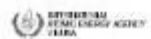
**Legislation  
Regulations  
Regulatory body  
Import/export controls**

SERIES

Legal and  
Governmental  
Infrastructure for  
Nuclear, Radiation,  
Radioactive Waste and  
Transport Safety

REQUIREMENTS

No. GSR-1



# Code of Conduct on the Safety and Security of Radioactive Sources

**States should have:**

➔ **Effective national legislation, regulations and a regulatory body *paragraphs 7–22 of the Code; complementary to existing safety standards, and security recommendations***

➔ **Effective import/export controls *paragraphs 23 to 29 of the Code + supplementary Guidance***



# State Political Commitment to the Code of Conduct

In September 2003, GC urged each State to write to the Director General that:

***•it fully supports and endorses the Agency's efforts to enhance the safety and security of radioactive sources; and***

***•It is working toward following the guidance contained in the Code and encourages other countries to do the same. (GC47/Res7)***

As of May 2022, **141 States** have written to the Director General





# Support for the Code of Conduct



# IAEA efforts to Assist States Implement the Code and the Guidance

International Conference on the Safety and Security of Radioactive Sources:  
Towards a Global System for the Continuous Control of Sources throughout their Life Cycle  
Bordeaux, France, 27 June - 1 July 2005



Conférence internationale sur la sûreté et la sécurité des sources radioactives:  
Vers un système global de contrôle et de suivi des sources durant leur cycle de vie  
Bordeaux, France, 27 juin - 1er juillet 2005

Facilitate the Exchange of Experience between States in Implementing the provisions of the Code and the Guidance

- International Conferences - mechanism for voluntary, periodic exchange of information among States on their implementation of the Code
- Establishment of a formalized process for exchange of information
  - ✓ Open Ended Meetings (Next meeting is May 2024). Usually Large attendance, very fruitful
  - ✓ Regional Workshops
  - ✓ **VOLUNTARY PROCESS**



# Promoting Interaction between Regulators and Operators

## States should:



- Ensure radioactive sources are safely managed and securely protected during their useful lives and at the end of their useful lives [para. 7(a)]
- Foster ongoing communication between the regulatory body and Users of radioactive sources [para. 8 (e)]
- Information concerning any loss of control ... or any incident .... involving radioactive sources is provided promptly.....[para. 12]
- Emphasis to Designers, Manufacturers ... suppliers and Users their responsibilities for safety and security of radioactive sources. [para. 15]

# Promoting Interaction between Regulators and Operators

## Legislation and Regulations



- Prescribe and assign governmental responsibilities to assure safety and security of radioactive sources [para. 18(a)]
- Provide for effective control of radioactive sources [para. 18 (b)]
- Specify the requirements for protection against exposure to ionizing radiation [para. 18 (c)]
- Specify the requirements for the safety and security of radioactive sources and the devices.....[para. 18 (d)]



# Promoting Interaction between Regulators and Operators (Para. 19)

- **The Legislation and/Regulations should provide for:**
- - establishment of an independent regulatory body;
- - measures to protect individuals, society and the environment;
- - administrative requirements relating to notification, authorization;
- - Provision for exemption;
- - managerial requirements relating to policies, procedures, measures for control...;

# Promoting Interaction between Regulators and Operators (Para. 19)

- **The Legislation and/Regulations should provide for:**
- - requirements for security measures to deter, detect and delay unauthorized access to, or the theft.....;
- - requirements for verification of the safety and security of radioactive sources through safety and security assessments.....;
- - capacity to take enforcement action;

# Promoting Interaction between Regulators and Operators



- Establish regulations and issue guidance on safety and security..... [para. 20 (a)]
- Require those who intend to manage radioactive sources to seek authorization, and to submit safety assessment / security plan [para. 20 (b)]
- Obtain all relevant information from an applicant for an authorization [para. 20(c)]
- Issue, amend, suspend or revoke authorization.... [para. 20(d)]
- Attach clear and unambiguous conditions to the authorization issued. [para. 20(e)]



# Promoting Interaction between Regulators and Operators



- Enter premises to undertake inspection for the verification of compliance ..... [para. 20 (h)]
- Enforce regulatory requirements [para. 20 (i)]
- Establish criteria for intervention in emergency situations [para. 20(o)]
- Ensure that radioactive sources are stored in facilities appropriate for the purpose of such storage [para. 20(p)]



# Promoting synergy between safety and security as well as cooperation with relevant Stakeholders

## States should:



- Place the prime responsibility for the safe management of, and the security of, radioactive sources on the persons being granted the relevant authorizations [para. 8(a)]
- Provides for measures to reduce the likelihood of malicious acts.....consistent with the threat defined by the State [para. 8(f)]
- Ensure that adequate arrangements are in place for the appropriate training of the staff of the regulatory body, its law enforcement agencies and emergency services organizations [para. 10]
- Promote awareness among industry, health professionals, the public, on orphan sources

[para. 13 (a)]

# Promotion of synergy between safety and security as well as cooperation with relevant Stakeholders

## States should:



- Ensure that, where disused sources are stored for extended periods of time, the facilities in which they are stored are fit for that purpose. [para. 20(q)]
- Liaise and coordinate with other government bodies and with relevant non-governmental bodies in all areas relating to safety and security of radioactive sources [para. 20 (m)]
- Ensure that arrangements, including financial arrangements, are made for the safe management and secure protection of disused sources [para. 22(b)]



**Thank you for your attention...**

