

# Basic Safety Standards

MA M Gomaa

Atomic Energy Authority

Cairo, Egypt

# ICRP 26

ICRP-26 (1976)

SS-9 ( 1982)

Eu Directive

IRR85

EAEA issued Arabic version at 1986 approved  
in 1990

# ICRP-60

Approved in 1990

Issued in 1991

SS-115 ( 1996)

Arabic version in 1996 with AAEA

# EU directive

Directive in 1996

# IRR 1999

UK regulation

UK code of practice

# Egypt

قرار رقم ( 83 ) لسنة 2005

بشأن القواعد

التنظيمية الأساسية للوقاية من أخطار الإشعاعات المؤينة

بهيئة الطاقة الذرية

# **SAFETY SERIES No. 115 safety**

**INTERNATIONAL ATOMIC ENERGY AGENCY, VIENNA, 1996 SAFETY STANDARDS**

**series International Basic Safety Standards  
for Protection against Ionizing Radiation  
and for the Safety of Radiation Sources**

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Appendices (2897 KB)

Contents, Preamble and Principal Requirements (3479 KB)

Schedule II, pages 230 to 278 (2516 KB)

Schedules III, IV, V, VI, Glossary, Index and Contributors (3148 KB)

Schedule II, pages 181 to 229 (2506 KB)

Schedule II, pages 91 to 180 (3373 KB)

Schedule I (403 KB)

**Revision of the Basic Safety Standards  
International Basic Safety Standards for  
Protection Against Ionizing Radiation and for  
the Safety of Radiation Sources**

# IDENTIFICATION

Document Category: Safety Requirements

Working ID: DS379

Proposed Title: Revision of the international BSS

Proposed Action: Revision of the International Basic Safety Standards

Published Title/Date 1996

Safety Series No.: 115

SS Committee(s): RASSC, WASSC, TRANSSEC, NUSSC

Technical Officer(s): E. Amaral

# OBJECTIVE

To update the International Basic Safety Standards to take into account developments in radiation safety since 1996, and to formally establish the revised standards as a Safety Requirements publication

within the overall structure of the Safety Standards as outlined in the action plan approved by the Board of Governors in March 2004..

# BACKGROUND

The International Basic Safety Standards for Protection against Ionizing Radiation and for the Safety

of Radiation Sources (BSS) was published in the former IAEA Safety Series in 1996 as SS115, although it has served de facto as a Requirements level publication in the current Series. Over the years, it has become the international benchmark for radiation safety requirements

Following a thorough review, the IAEA Safety Standards Committees RASSC and WASSC have come to the conclusion that, while no single issue creates a compelling need to revise the BSS, there is a case to be made for revision to deal with many improvements that have been suggested, provided that proposed changes are subjected to an appropriate test of merit consistent with the overall structure, vision and strategy for the IAEA Safety Standards.

# Draft 2.5

## 01 October 2009

### IAEA SAFETY STANDARDS

#### *for protecting people and the environment*

**Status:** Draft 2.5 reflects all of the comments made at RASSC 26 on draft 2.0. Some additional changes have been made based on comments submitted by RASSC members. It also includes the overarching requirements as agreed at the BSS Secretariat Meeting 9-11 September and additional text changes. Requirements which are not overarching requirements have been migrated from 'shall' to 'has/have to' statements, or similar language. In a number of places remaining issues have been highlighted.

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# Cosponsors

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Co-operation and Development

Pan American Health Organization

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# INTRODUCTION

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Objective

Scope

Structure

# GENERAL REQUIREMENTS

## GENERAL REQUIREMENTS FOR PROTECTION AND SAFETY

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Interpretations

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Entry into force

Implementation of radiation protection principles

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Scope

Generic requirements

Occupational exposure

Public exposure

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# EMERGENCY EXPOSURE SITUATIONS

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# **SCHEDULES**

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Schedule II	CATEGORIZATION OF SEALED SOURCES
Schedule III	DOSE LIMITS FOR PLANNED EXPOSURE SITUATIONS
Schedule IV	CRITERIA FOR USE IN EMERGENCY PREPAREDNESS AND RESPONSE

**REFERENCES**

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**CONTRIBUTORS TO DRAFTING AND REVIEW**

# Road Map for Development of the BSS,2009

20 November Meeting of BSS Secretariat.

23 November Work commences on preparation of draft 2.7 of the BSS

15-16 December Technical meeting on radon

18 December Summary of outcome of radon meeting sent to all participants and posted on RASSC and WASSC websites. Draft 2.7 of BSS, incorporating outcome from radon meeting, prepared.

# 2010

12-13 January Draft 2.7 discussed by BSS Secretariat (as part of IACRS meeting)

15 January Review of draft 2.7 at “4 chairs” meeting

18-26 January All remaining revisions to draft 2.7 completed. Draft 3.0 of BSS prepared.

27 January Distribution of draft 3.0 to Member States and notification sent to all RASSC and WASSC members

27 January Summary of overarching requirements posted on RASSC website

# 2010

31 May Closing date for comments on draft 3.0  
BSS

14-18 June TRANSSC meeting

21-25 June RASSC meeting

28 June – 2 July WASSC, NUSSC meetings

9-13 August BSS Secretariat meeting in Vienna

# 2010

15 September Revised BSS draft and resolution of comments from Member States sent to all SSCs

Late November NUSSC meeting for final approval

29 November TRANSSC meeting for final approval

6-10 December RASSC/WASSC meetings for final approval

See in Cairo soon    Mohamed Gomaa

