

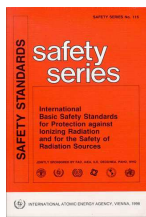


IAEA BSS Summary of the conclusions of the RASSC meeting (nov 08)

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Revision of BSS SS115

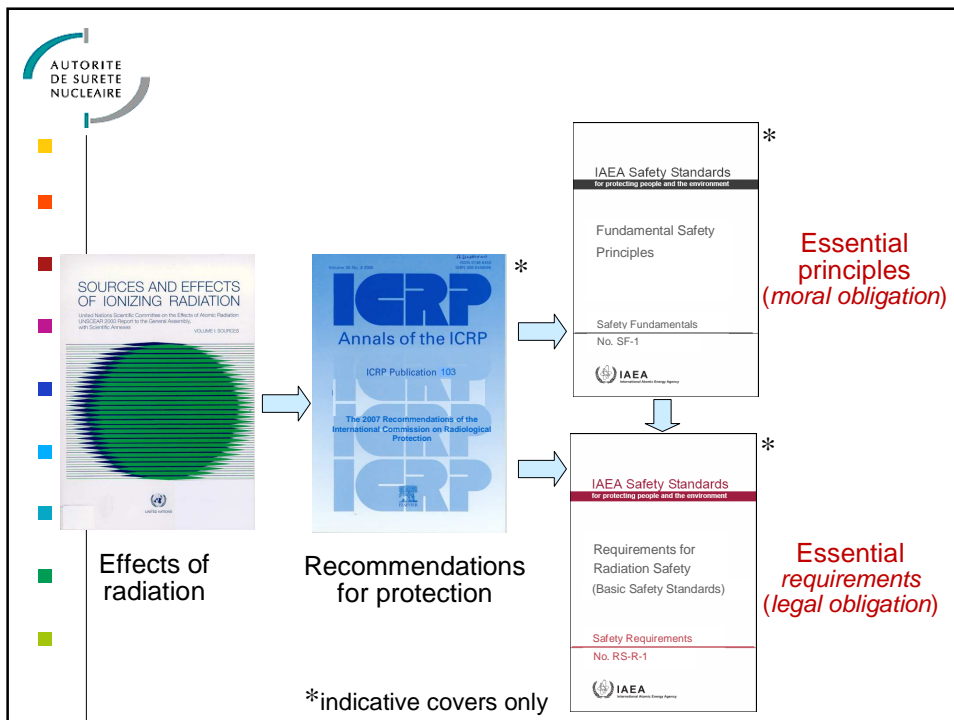
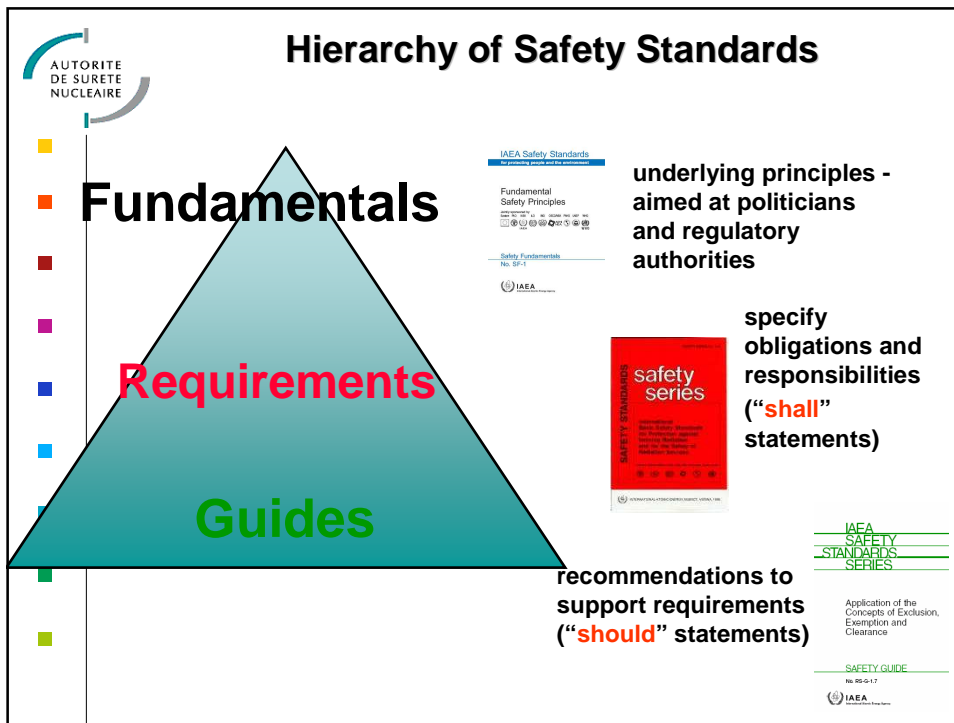


**International Basic Safety Standards for
Protection against Ionizing Radiation and
for the Safety of Radiation Source**

Status of revision: draft 1.0

**International Cooperation with
WHO, PAHO, FAO, ILO, OECD/NEA, EC, UNEP,
ICRP, IRPA**





Revision BSS - Draft 1.0

1. Introduction

- Background
- Objective
- Scope
- Structure

Includes explanatory text on system of protection and safety, types of exposure situation, dose constraints and reference levels, protection of the environment, quantities and units

Revision BSS - Draft 1.0

2. General Requirements for Protection and Safety

- Responsibilities of government
- Responsibilities of regulatory body
- Principal parties
- Management requirements
- Implementation of radiation protection principles

Contains requirements that apply to all types of exposure situations

3. Planned Exposure Situations

- Scope
- Generic requirements
- Occupational exposure
- Public exposure
- Medical exposure



Generic requirements include administrative requirements for notification and authorization, exemption and clearance, application of the system of protection and safety including justification, optimization, and dose limitation, and justification and regulatory control of non-medical imaging.

Within each Section dealing with exposure situations, a common format will be adopted covering each category of exposure, as necessary

4. Emergency Exposure Situations

- Scope
- Generic Requirements
- Public exposure
- Exposure of emergency workers
- Transition from emergency exposure situation to existing exposure situation

Within each sub-Section, a common format will be adopted as far as possible

Revision BSS - Draft 1.0

5. Existing Exposure Situations

- Scope
- Generic Requirements
- Public exposure
- Occupational exposure

Specific requirements for remediation of contaminated areas (supersede WS-R-3), radon in homes and workplaces, and radionuclides in commodities



Revision BSS - Draft 1.0

Schedules

- **Schedule I:** Exemption and Clearance
- **Schedule II:** Dose limits for planned exposure situations
- **Schedule III:** Criteria for use in emergency preparedness and response
- **Schedule IV:** Categorization of radioactive sources

Revision of IAEA BSS

First STEP

- *Consultation of all committees RASSC, WASSP, NUSC, TRANSC (oct/Nov2008)*
- *All comments (including editorial comments) received will be analysed by the Drafting Committee (IAEA Secretariat and cosponsors)*
- *A new version will be prepared and transmitted to RASSC members in 2009 May*
- *will be discussed at the next RASSC meeting (June 29th to July 3rd) for submission to Member States for comments.*

General conclusion on the structure of the draft BSS O.1

The global structure of the new BSS, consistent with ICRP 103 :

- Ch1 Introduction*
- Ch2. General Requirements*
- Ch3. Planned Exposures situations*
- Ch4 Emergency Exposures situations*
- Ch5. Existing Exposures situations*

seems to be well accepted by MS and international organizations

Redrafting the draft BSS 0.1

Further works are needed to improve the draft on :

1. *The location of justification and optimization in the draft (to avoid repetition)*
2. *The level of details in each chapter (Ex : X Ray generators)*
3. *The provisions related on safety assessment that should be commensurate to the type of activity, including the concept of graded approach*
4. *Exemption and clearance, maintaining a single table of numbers but the both concepts have to be defined separately*
5. *Terminology (definition for new items and improvement of some definitions as planned exposure situation and qualified experts)*

Specific technical topics need further discussions

- I. *The purpose of dose constraint for public exposures (who, when, legal consequences ?)*
- II. *Radon issues*
 - *Values for reference levels waiting for a new recommendation from ICRP with new reference levels (March 2009)*
- III. *Natural sources*
 - *Location of natural sources (radon, cosmic ray and NORM) in the draft (planned exposure situation/existing exposure situation)*

Specific technical topics need further discussions

IV. Emergency exposures situations

- *waiting for the proposals the ICRP Task groups*

V. Non medical imaging

- *A clear statement in favour of the process of justification at national level*
- *WITH or WITHOUT the identification within the BSS of non justified practices*

VI. Safety and security

- *A proposal of an integrated approach is needed from CSS for clarification*