

Office of Federal and State Materials and Environmental Management Programs

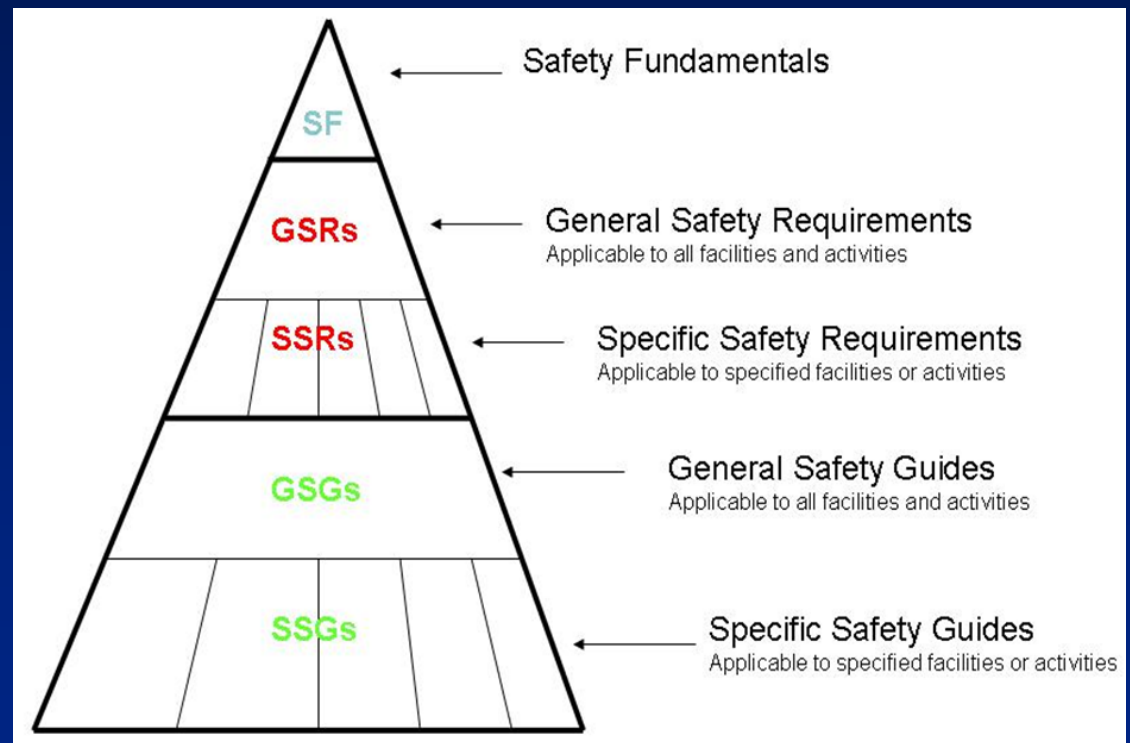
Safety and Security in the Beneficial Applications of Nuclear Materials

IAEA DS457 Preparedness and Response for a Nuclear or Radiological Emergency

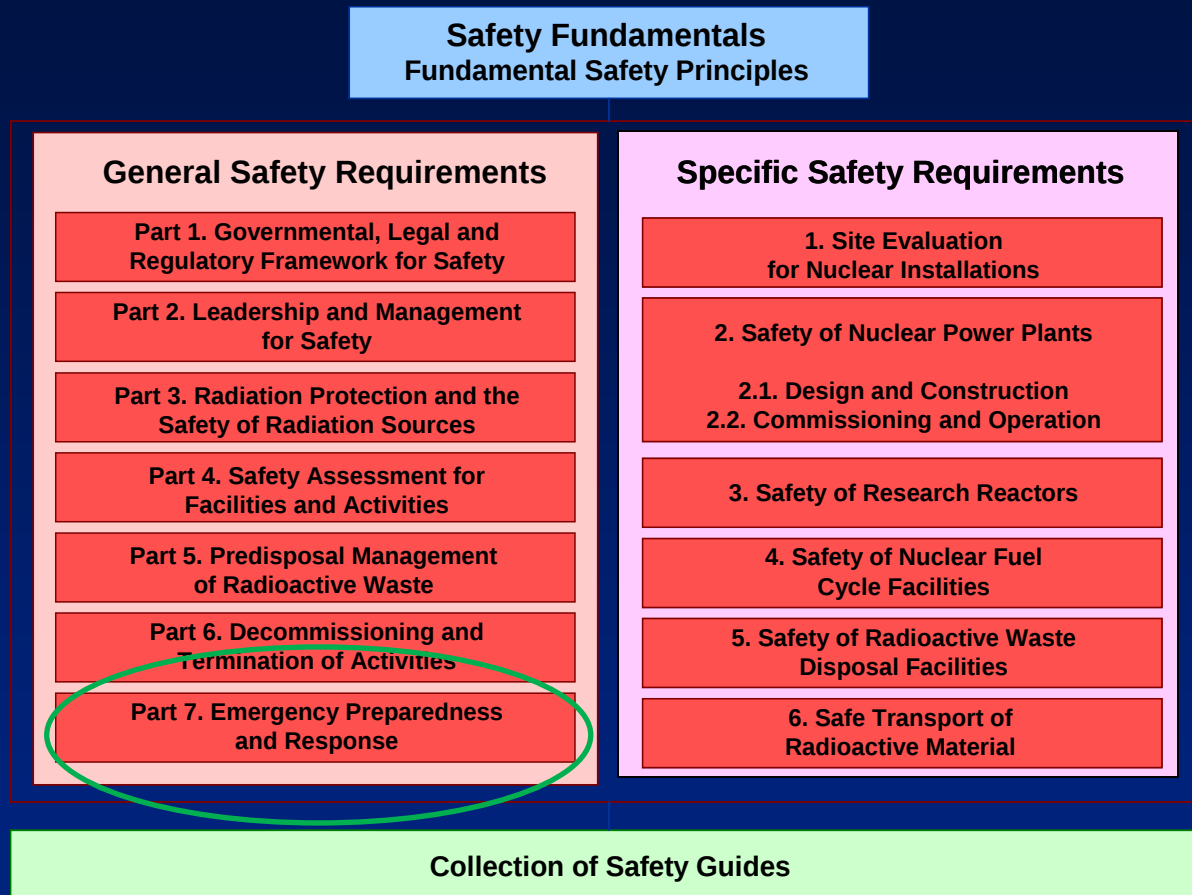
*Interagency Steering Committee on
Radiation Standards
September 18, 2013*

Structure of IAEA Safety Standards

- Fundamentals = Objectives
- Requirements = “Shall statements”
- Guides = “Should statements”



Structure of IAEA Safety Standards



Applicability

- **IAEA Safety Standards are points of reference**
 - Binding for IAEA activities
 - Binding for those countries that receive IAEA assistance
 - Not binding in U.S.
 - Any application would require Administrative Procedure Act notice and comment

Background

- Draft is revision of GS-R-2, published by IAEA in 2002
- Takes into account:
 - Experience since 2002, including Fukushima Daiichi
 - Feedback from Member States
 - Experience of relevant international organizations
 - ICRP recommendations

<http://www.ns.iaea.org/downloads/standards/drafts/ds457.pdf>

Contents

- Introduction
- Interpretation
- **Goals of Emergency Preparedness and Response**
- **General Requirements**
- **Functional Requirements**
- **Requirements for Infrastructure**
- **Appendices**

Requirements

- **24 Overarching Requirements**
 - 3 General Overarching Requirements
 - 14 Functional Overarching Requirements
 - 7 Infrastructure Overarching Requirements
- **Supporting Requirements in paragraphs under each overarching requirement**

Current Status

- **Member State Review**

- U.S., and other IAEA member states, invited to provide national views and comments on the draft.
- Member State Comments due by 20 November 2013.
- U.S. interagency currently reviewing. A consolidated set of comments will be provided to IAEA.
- All views will be considered in the development of U.S. position, but this not considered a formal public comment.
- IAEA will take all Member State comments, and prepare a revision which will be approved by the Safety Committees, the Commission on Safety Standards, and the Board of Governors.

Questions?

