

SESSION 4

SPECIAL SESSION ON THE INTERNATIONAL BASIC SAFETY STANDARDS

Chair: Yoshiharu YONEKURA

The view from the IAEA on the draft ICRP recommendations was presented focusing on the potential need for revision of the International Basic Safety Standards. The schedule and process for the BSS revision were presented, and it was underlined that the BSS should incorporate the recommendations of the ICRP, and should represent a collective view of other international organizations, member states and stakeholders. This consistency between the new ICRP recommendations and the revised BSS is necessary for effective regulation.

IMPLICATIONS OF THE NEW ICRP SYSTEM OF RADIOLOGICAL PROTECTION FOR THE INTERNATIONAL BASIC SAFETY STANDARDS

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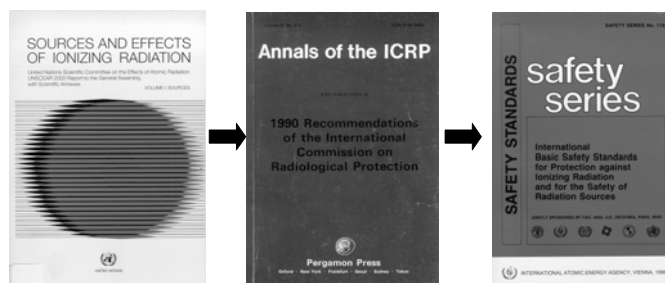
Why Revise the BSS?

? BSS (SS115) is 10 years old and due for **review**

? Conclusions of review conducted by RASSC:

- No single urgent need for change, but...
- Some improvements could be made
- Need to bring BSS into current *Safety Standards Series*
- Need to take note of new Safety Fundamentals and anticipated new ICRP Recommendations
- which, overall, establish a case for **revision** .

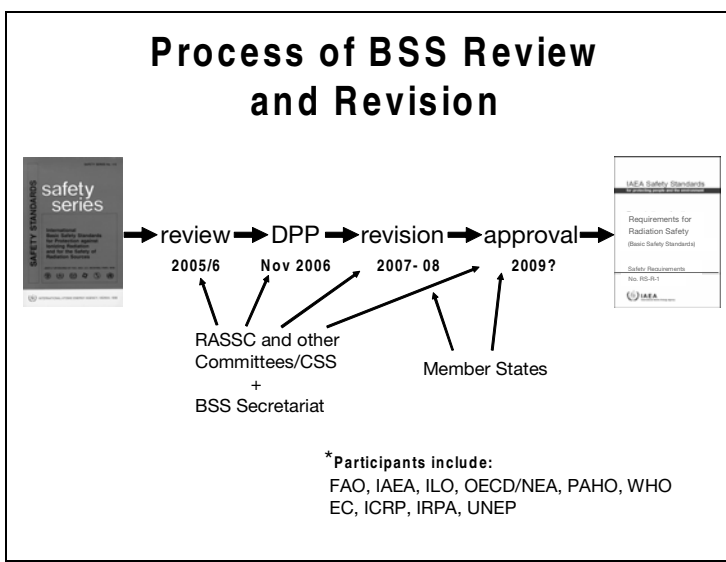
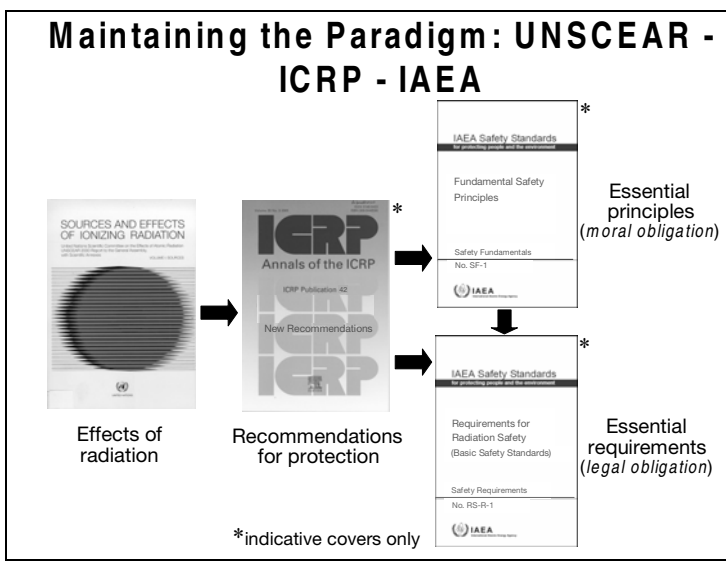
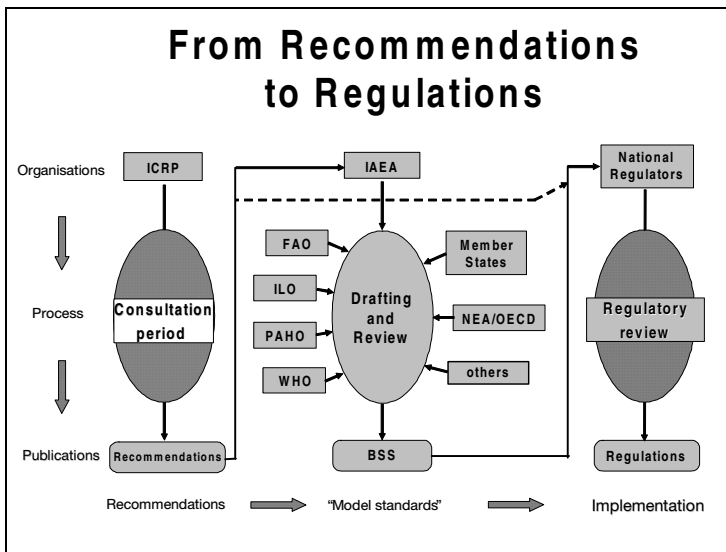
Current Paradigm: UNSCEAR - ICRP - IAEA



Effects of radiation

Recommendations for protection

Regulatory style standards



IAEA Safety Standards Series



Comprehensive Character of BSS



The essential protection and safety requirements of the BSS underpin all circumstances of exposure to radiation

Guidance From RASSC and BSS Secretariat

- Retain BSS role as the international benchmark for radiation safety standards across all fields.
- Recognise the need for stability in international standards; so be conservative and justify proposed changes.
- Maintain close connection with ICRP.
- Keep co-sponsors (WHO, PAHO, ILO, NEA, etc.) and all Safety Committees fully involved.
- Seek and take note of feedback from Member States on current BSS.
- Assist developing countries to participate.

The New ICRP Recommendations

(first thoughts *only*)

- ICRP to be congratulated on the process of consultation and on taking note of earlier comments on RP05.
- RP06 is a significant improvement on RP05.
- The draft Recommendations can now be seen as an update of ICRP60, rather than a major change.
- Still room for improvement in:
 - application of dose constraints for existing situations;
 - defining the scope of regulatory control.

Implications for the BSS

(first thoughts *only*)

- Overall, little change to BSS expected.
- Some change of terminology:
 - practice vs. planned situation;
 - intervention vs. emergency and existing situations.
- More thinking required on the application of dose constraints, especially for existing situations, for BSS purposes (cf: action levels, intervention levels).
- Greater clarity on the scope of regulatory control (exclusion vs. exemption) is needed for the purposes of regulatory-style language in the BSS.

Implications for National Regulators

(*preliminary*) general conclusion:

- If a country has established a system of radiation protection consistent with ICRP60 and the current Basic Safety Standards, that system will also be consistent - in the level of safety provided - with the new ICRP Recommendations and the new BSS
- It is likely that there will be no urgent need to change national regulations simply to bring terminology and detailed practice into line with new ICRP Recommendations and a new BSS

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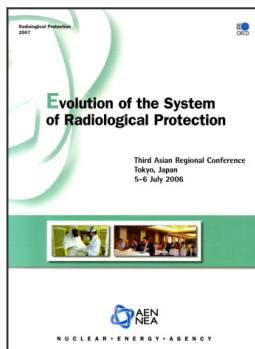
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