

IAEA safety standards

What must be achieved
Fundamental safety objective and 10 principles: *"to protect people and the environment from harmful effects of ionizing radiation"*

What shall be done
Requirements that must be met to ensure protection of people and environment – "shall"

How it should be done
Recommended ways of meeting the requirements – "should"

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Applicability of Standards to SMRs

- Fundamentals and Requirements
 - apply with no changes
- Safety Guides
 - Generally applicable – small changes
 - Developing guidance on applying graded approach to SMR reviews
 - Fukushima lessons-learned clearly included

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Facilitating Discussion Among Experienced Regulators

- Canada
- China
- Finland
- France
- Korea
- Russia
- United States

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SMR REGULATORS FORUM **Objectives**

- Share regulatory experience amongst forum members preparing to license SMRs
- Capture good practices and methods
- Interact with key stakeholders
- Propose changes, if necessary to requirements and regulatory practices

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SMR REGULATORS FORUM **Structure**

- Steering Committee
- Working Groups
 - Emergency Planning Zone Size
 - Graded Approach
 - Defence-in-Depth

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Want to learn more?

- <http://www-ns.iaea.org/tech-areas/safety-infrastructure/smr.asp>



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Thank you for your attention!


