



IAEA

International Atomic Energy Agency

Small Modular Reactors – Transport Safety

**The Global Nuclear Safety and Security Network (GNSSN)
13th Steering Committee Meeting**

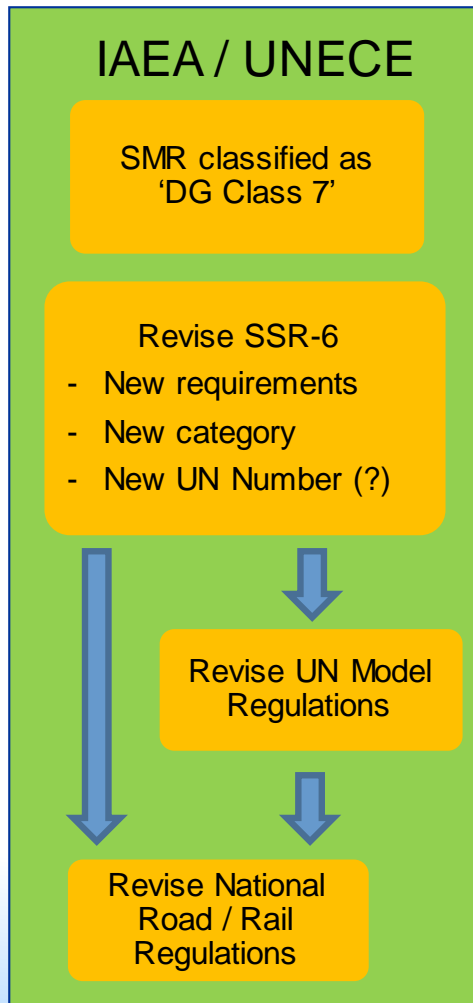
8 November 2018

Stephen Whittingham
Division of Radiation, Transport & Waste Safety
Department of Nuclear Safety and Security

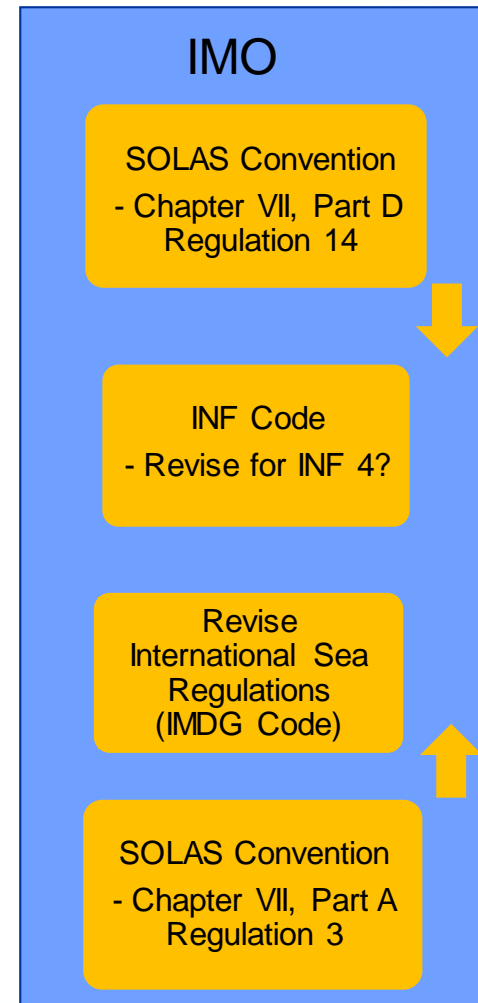
Transport of SMRs

Review / Revision Process of International Framework for Transport Safety Regulations

Route 1



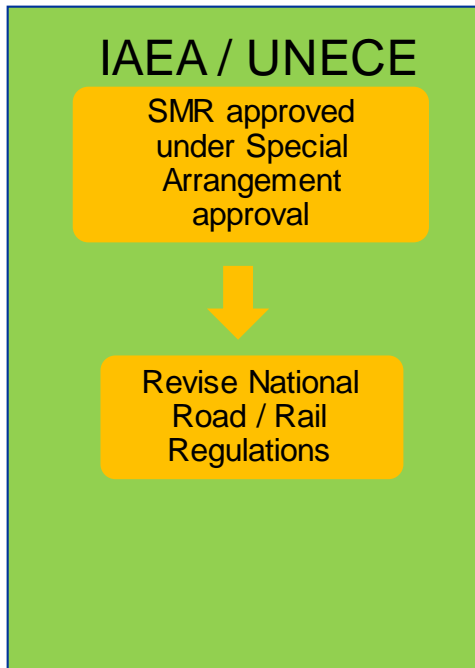
Route 1a



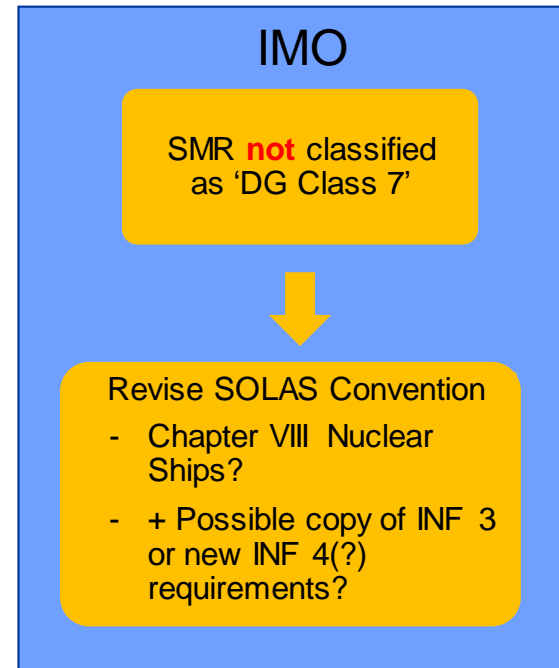
Transport of SMRs

Review / Revision Process of International Framework for Transport Safety Regulations

Route 1



Route 2



Timescales



Route 1

- perhaps 4 years for SSR-6
- 2 years for publication of Model regulations

Route 1a

- 2 years IMDG Code
- 2 years for INF Code if required

Overall perhaps 8 – 10 years

Route 2

The most likely route for sea mode

Unknown timescale – revision of Convention within IMO administration

IAEA support for IMO



The Agency may be asked by the IMO to provide a report of the extent to which the power reactor(s) on a ship comply with the IAEA Safety Standards

There is no indication at this time if/when this work will be requested and the likely requested deadline for completion

- but the deadline will be within, perhaps early within, the timeframe of the IMO work



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Thank you!

