

More than a decade of shaping the future of nuclear safety

The Small Modular Reactor Regulators' Forum (SMR RF) is an international regulator-to-regulator entity established in 2014. The Forum provides a platform for experienced regulatory bodies to work together on the development of consensus-based common positions on challenging SMR-related technical and regulatory issues.

The SMR RF consists of the Steering Committee and three Working Groups (Licensing Issues (LI WG), Design and Safety Analysis (DSA WG) and on Manufacturing, Construction, Commissioning and Operation (MCCO WG)). The IAEA provides the Scientific Secretariat for the SMR RF.

Webinars

Phase 3



LI WG/NHSI WG3



DSA WG



MCCO WG

Phase 4



DSA WG



MCCO WG



Reports

Phase 1
(~2017)

Pilot Project Report with appendices on:

- Graded approach
- Defence-in-depth
- Emergency planning zone

Phase 2
(2018–2020)

SMR RF Phase 2 Summary Report

SMR RF Phase 2 Report from WG on Licensing issues (LI)

SMR RF Phase 2 Report from WG on Design and safety analysis (DSA)

SMR RF Phase 2 Report from WG on Manufacturing, construction, commissioning and operation (MCCO)

Phase 3
(2021–2023)

SMR RF Phase 3 Summary Report

Containment systems (DSA WG)

Safety, security and safeguards from a regulatory perspective: An integrated approach (DSA WG)

Regulatory considerations in pre-licensing engagement for long lead item requests (MCCO WG)

Conduct of authorized activities impact on stakeholders’ organizational capabilities (designers, vendors, manufacturers, supply chains, operators) (MCCO WG)

Phase 4
(2024–2026)

Mechanistic source term (DSA WG)

Safety, security, safeguards in remote locations (DS WG)

Manufacturing without an owner/licensee (MCCO WG)

Fleet-wide deployment (MCCO WG)

Construction oversight (MCCO WG)

Regulatory oversight for the organizational capability of a new licensee (LI WG)

