

64th IAEA General Conference

IAEA Peer Review Missions in Support of Research Reactors Virtual Side Event during the IAEA 64th General Conference Wednesday, 23 September 2020, 15:30-17:00 CEST

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Research reactors are nuclear reactors used for research, development, education and training, and providing multiple products and services for medicine and industry using neutrons. They are usually much smaller in size and power level and have greater diversity in design and applications as compared to nuclear power reactors that generate electricity. The IAEA assists Member States with the entire life cycle of research reactors including planning, design, construction, commissioning, operation, utilization, decommissioning and fuel cycle, as well as with capacity building and infrastructure development.

The purpose of this side event is to provide information to Member States on four peer review missions established by IAEA in support of enhancing sustainable safe operation and effective utilization of ageing fleet of operating research reactors and infrastructure development for new research reactor projects :

- **OMARR** – Operation and Maintenance Assessment for Research Reactors
- **INSARR** – Integrated Safety Assessment for Research Reactors
- **IRRUR** – Integrated Research Reactor Utilization Review
- **INIR-RR** – Integrated Nuclear Infrastructure Review for Research Reactors

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Event Programme

Opening Address

Mikhail CHUDAKOV

IAEA Deputy Director General and Head of the Department of Nuclear Energy

OMARR - Operation and Maintenance Assessment for Research Reactors

Ram SHARMA

Technical Lead, Division of Nuclear Fuel Cycle and Waste Technology, Department of Nuclear Energy

Member States Experience with OMARR

Representatives of institutions that hosted OMARR missions

INSARR – Integrated Safety Assessment for Research Reactors

David SEARS

Senior Nuclear Safety Officer, Division of Nuclear Installation Safety, Department of Nuclear Safety and Security

Member States Experience with INSARR

Representatives of institutions that hosted INSARR missions

INIR-RR – Integrated Nuclear Infrastructure Review for Research Reactors

Andrey SITNIKOV

Technical Lead, Division of Nuclear Fuel Cycle and Waste Technology, Department of Nuclear Energy

Member States Experience with INIR-RR

Representatives of institutions that hosted INIR-RR missions

IRRUR – Integrated Research Reactor Utilization Review

Nuno PESSOA BARRADAS

Research Reactor Specialist, Division of Physical and Chemical Sciences, Department of Nuclear Sciences and Applications

Member States Experience with IRRUR

Representative of institution that hosted an IRRUR mission

Q&A Session

Closing Remarks

Christophe XERRI

Director, Division of Nuclear Fuel Cycle and Waste Technology, Department of Nuclear Energy

Petr CHAKROV

Section Head, Division of Nuclear Fuel Cycle and Waste Technology, Department of Nuclear Energy