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IAEA Activities on the Safety of Research Reactors: 2018 Update

D.F. Sears, A. Shokr, D.V. Rao
Research Reactor Safety Section, Division of Nuclear Installation Safety
International Atomic Energy Agency, Wagramerstrasse 5, PO Box 100
A-1400 Vienna, Austria

ABSTRACT

The IAEA conducts a broad range of activities to support Member States in enhancing the safety of research reactors worldwide. This includes assistance to Member States to build capacity to fully implement the provisions the Code of Conduct on the Safety of Research Reactors.

One of the key activities is the development of safety standards and supporting technical publications that form the basis of the IAEA safety review services for research reactors, including Integrated Safety Assessment for Research Reactors (INSARR) missions, safety reviews and expert missions. The IAEA also supports capacity building through training workshops, technical meetings, training courses and coordinated research projects. The IAEA operates the Incident Reporting System for Research Reactors (IRSRR) and organizes regular meetings for the exchange of operating experience. The IAEA also supports Member States embarking on new research reactor projects to develop the necessary safety infrastructure through advisory services, expert missions and publications on implementing new research reactor projects.

The presentation will provide an overview of the safety issues and challenges for research reactors and describe the IAEA activities to enhance the safety of research reactors.