HOW TO REQUEST AN INIR-RR MISSION?

Interested Member States can request services through official channels, addressing their request to the Deputy Director General, Head of the Department of Nuclear Energy. Alternatively, a request can be submitted through the IAEA Technical Cooperation Programme. Following the request, Member States will be invited to complete an advance information package ahead of the peer review mission.

For more information contact research-reactor-section.contact-point@iaea.org.

FUNDING

INIR-RR missions are funded through the IAEA Technical Cooperation Programme, extrabudgetary contributions, including through the Peaceful Uses Initiative (PUI), and cost sharing by the host Government.

OBJECTIVES

An Integrated Nuclear Infrastructure Review for Research Reactors (INIR-RR) mission is a holistic peer review conducted by a team of international experts and IAEA staff who have direct experience in specialized research reactor infrastructure areas. The INIR-RR review mission is designed to assist a Member State in determining the status of its national nuclear infrastructure for the introduction of a research reactor programme and to identify further development needs.

The key benefits of the INIR-RR service are:

- Providing Member States with an opportunity to evaluate their nuclear research reactor programme;
- Drawing attention to areas requiring additional work;
- Providing a forum for peer discussions and exchange of experiences on infrastructure development;
- Making available to senior officials in the host Member State, an independent peer review report on the status of the infrastructure for their nuclear research reactor programme.

The results of INIR-RR missions guide future assistance in support of development of national nuclear infrastructure for research reactors through IAEA Technical Cooperation Programme and extrabudgetary resources.

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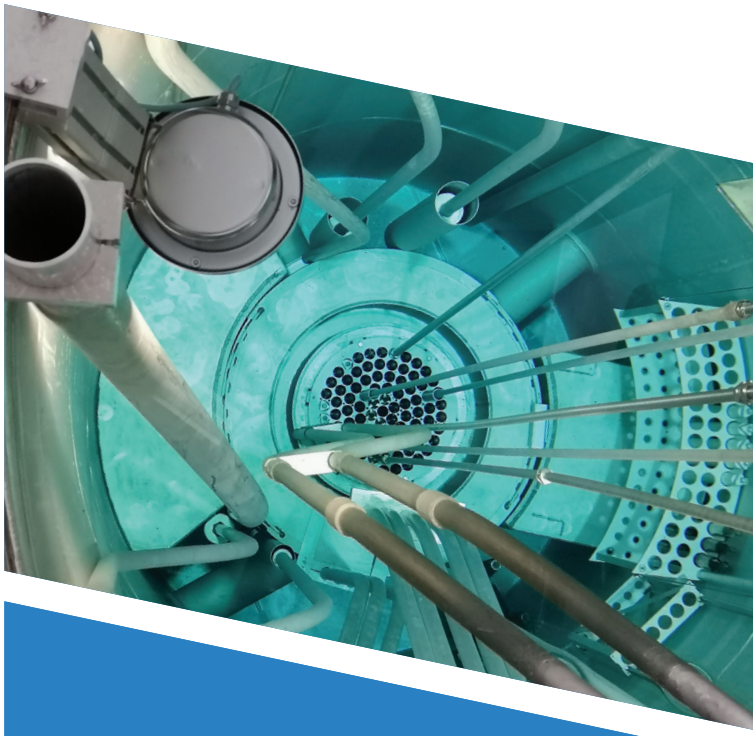
INTEGRATED NUCLEAR INFRASTRUCTURE REVIEW FOR RESEARCH REACTORS (INIR-RR)



IAEA
International Atomic Energy Agency

SCOPE

The Integrated Nuclear Infrastructure Review for Research Reactors (INIR-RR) service enables Member States to evaluate the status of their national nuclear infrastructure for research reactors on the basis of the IAEA guidance to determine the status of the infrastructure conditions relevant to all issues detailed in IAEA 'Milestone Approach for Research Reactors'[1].

NUCLEAR INFRASTRUCTURE ISSUES FOR RESEARCH REACTORS

[1] INTERNATIONAL ATOMIC ENERGY AGENCY, Specific Considerations and Milestones for a Research Reactor Project, IAEA Nuclear Energy Series No. NP-T-5.1, IAEA, Vienna (2012)

MILESTONES APPROACH

The IAEA Milestones Approach is a phased comprehensive method to assist countries in the timely preparation of a research reactor project through a sequential development process set out in phases.

The Milestones Approach splits the activities necessary to establish the infrastructure for a nuclear research reactor programme into three progressive phases of development. The completion of each phase is marked by a specific "Milestone" at which progress can be assessed and a decision can be made about the readiness to move on to the next phase.

APPROACH

The INIR-RR process is divided into four main phases:

1. Support for self-evaluation, during which the IAEA reviews the country's self-assessment report;
2. Pre-INIR-RR mission to discuss and agree on the terms of reference for the main INIR-RR mission;
3. Main INIR-RR mission to review the situation in the country regarding the development of national nuclear infrastructure; and
4. Follow-up INIR-RR mission, which focuses on implementation of recommendations from the main mission.