



Options to Manage Spent Fuel from Research Reactors

Tuesday, 17 September 2019, 15:00–16:30

M6, M building, ground floor

There are several options for research reactor spent fuel management, but how does a Member States decide which one is right for them? This side event will focus on the results of the Coordinated Research Project (CRP) “Options and Technologies for Managing the Back End of the Research Reactor Nuclear Fuel Cycle”. Two Excel-based tools that can be used to support the decision-making process were developed as part of the CRP and will be discussed during the event.

The event will provide information on the identified spent fuel management options and will include a short simulation of the primary decision support tool. Participants will have an opportunity to participate in the simulation in a group exercise during the meeting and see the results.

A publication of the CRP results is currently being prepared, and upon its release the decision support tools and their tutorials will be made available for use by Member States. Member States may ask for an IAEA expert mission to facilitate their use of these tools.

Chair and Scientific Secretary: **Frances MARSHALL**
Nuclear Engineer, Research Reactor Fuel Cycle Project
Research Reactor Section
Division of Nuclear Fuel Cycle and Waste Technology
IAEA Department of Nuclear Energy

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Agenda

Opening Addresses

Mikhail CHUDAKOV

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

Ram SHARMA

Acting Section Head,
Research Reactor Section,
Division of Nuclear Fuel Cycle and Waste
Technology (NEFW)

Introduction and Motivation for the CRP

Stefan MAYER

Team Leader (Disposal)
Waste Technology Section, NEFW

CRP Activities and Results

Frances MARSHALL

Research Reactor Section, NEFW

Philippe VAN MARCKE

Nuclear Engineer
Waste Technology Section, NEFW

Simulation of Decision Support Tools

Frances MARSHALL

Research Reactor Section, NEFW

Application of Tools for Sealed Source Decisions

Kate ROUGHAN

Team Leader (Disused Sealed Radioactive
Sources)
Waste Technology Section, NEFW

Discussion (Q&A Session)

Closing remarks by Chairperson

Frances MARSHALL

Research Reactor Section, NEFW