

**International Atomic Energy Agency**

***Workshop on Safety Assessment for Decommissioning of  
Research Reactors***

***Research Reactor Decommissioning Demonstration Programme (R<sup>2</sup>D<sup>2</sup>P)  
04-08 October 2010, Risø, Denmark***

***Purpose of the Workshop and Expectations***

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# Scope of the Workshop

- To present the decommissioning Safety Assessment Methodology and its application to research reactors
- To present the implementation of safety assessment in Denmark (operator and regulator)
- To carry out a Practical Exercises on three selected cases from the DR-3 reactor (heat exchanger, transfer flask, biological shield)
- To review and appraise the national reports



# Objectives of the Workshop

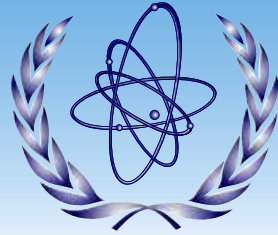
- To make participants familiar with IAEA recommendations on safety assessment for decommissioning
- To address the decommissioning safety assessment methodology and explain it step by step
- To develop the capability among the participants to carry out a decommissioning safety assessment for research reactors
  - To be able to analyse the safety case and reduce risks to ALARA
  - To be able to perform a review of safety assessment results



# Expectations of the workshop

- To have a good understanding of the IAEA recommendations on safety assessment for decommissioning
- To be familiar with approaches and methodology, the necessary data, the models and the safety requirements that support safety assessments
- To be able to carry out a decommissioning safety assessment, if necessary with external expertise
- To implement safety assessment at national level
- To transfer the knowledge to national experts
- To develop national expertise to support decommissioning activities.





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**Thank you for your attention!**