



**International Atomic Energy Agency**

# **FaSa Test case**

## ***Complex research reactor***

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# Outline of the presentation

- **Brief presentation of the reactor**
- **The results achieved at the previous annual FaSa meeting**
- **Work carried out since then**
- **Plans for this meeting**



# The reactor

- **35 MW light water cooled pool-type operated between 1963 and 1997**
- **One of several nuclear facilities at a research centre**
- **Situated close to the centre of a city in an European country**
- **Under decommissioning. End date: mid 2012.**



# The reactor building



# The remains (end of October 2010)



# Results achieved at the previous annual FaSa meeting

- **Establishment of the structure of the draft test case report**
- **Discussion of the necessary level of detail**
- **Discussion of a way to illustrate a change of end state**
- **Detailed commenting and editing of the draft report**
- **Discussion of the approach to chapters 6 to 9**
  6. **Engineering analysis**
  7. **Evaluation of results and safety measures**
  8. **Graded approach**
  9. **Confidence building in the safety assessment**



# Work done since the previous annual FaSa meeting

- Further detailed checking and editing of the draft report according to agreement at the meeting
- Further consideration of a way to illustrate a change of end state
- No meetings were held in the working group during 2010



## Planned work for this meeting

- **Commenting and editing of the current draft test case report**
- **Work on the illustration of the consequences of a change of end state as well as changes in the (low level) safety analysis for the liner removal due to unexpected high levels of radiation**
- **Discussion of the approach to chapters 6 to 10**
  6. **Engineering analysis**
  7. **Evaluation of results and safety measures**
  8. **Graded approach**
  9. **Confidence building in the safety assessment**
  10. **Use of the safety assessment results**





**New members to the group are  
welcome**

**New working members are  
even more welcome 😊**