

Forth Annual Meeting of the IAEA FaSa Project

21 – 25 November 2011

International Atomic Energy Agency, Vienna

16. Summary – The Status of the Overall FaSa Approach

J. Kaulard, Germany



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International Atomic Energy Agency

Motivation for DeSa Safety Assessment Methodology

- Dubai construction site flooding (07.02.2007)



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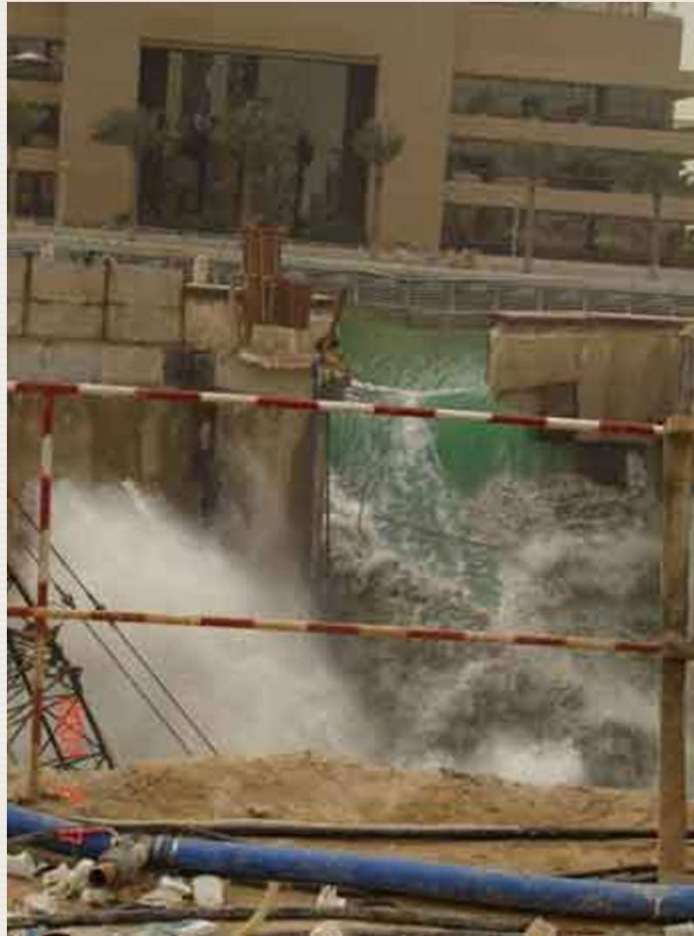
Motivation for DeSa Safety Assessment Methodology

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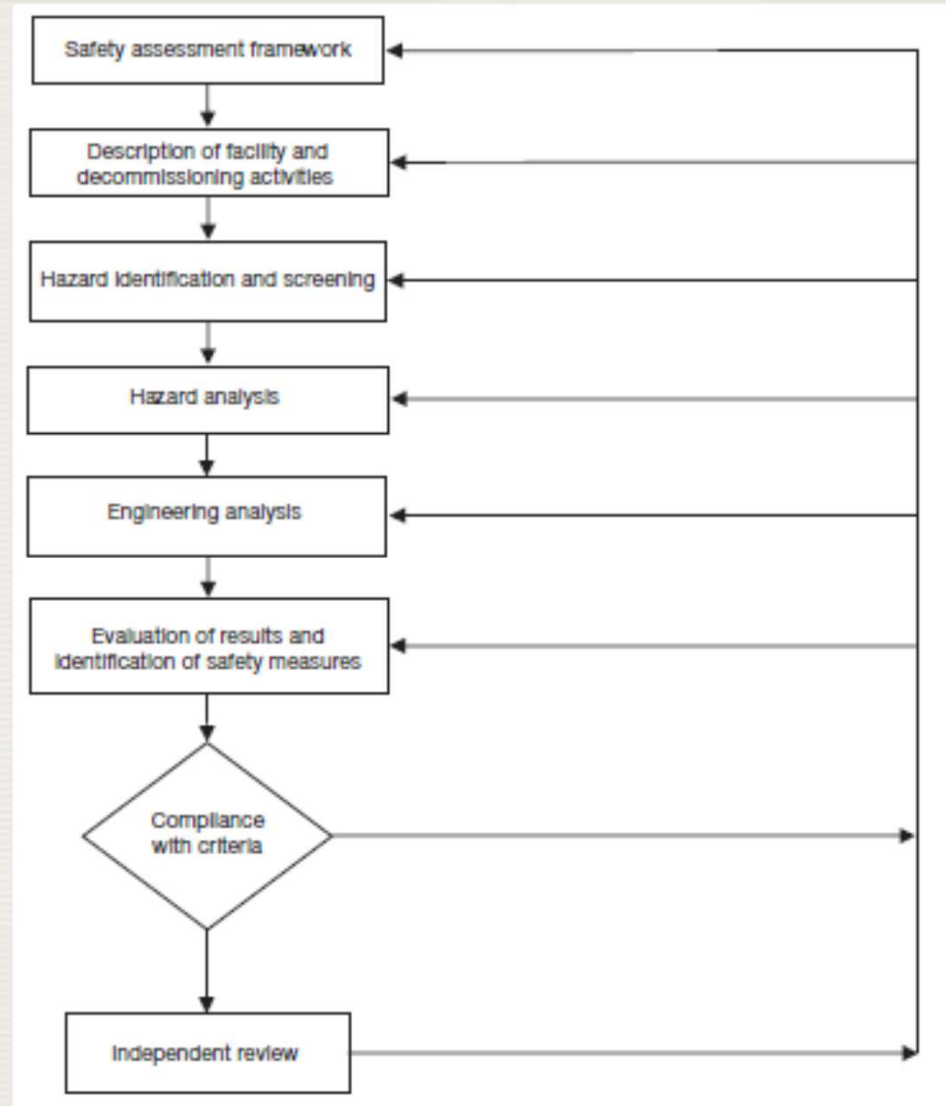
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DeSa Safety Assessment Methodology

1. Safety Assessment Framework
2. Description of facility and decommissioning activities
3. Hazard identification and screening
4. Hazard analysis
5. Engineering analysis
6. Evaluation of results and identification of safety measures
7. Compliance with criteria
8. Independent review

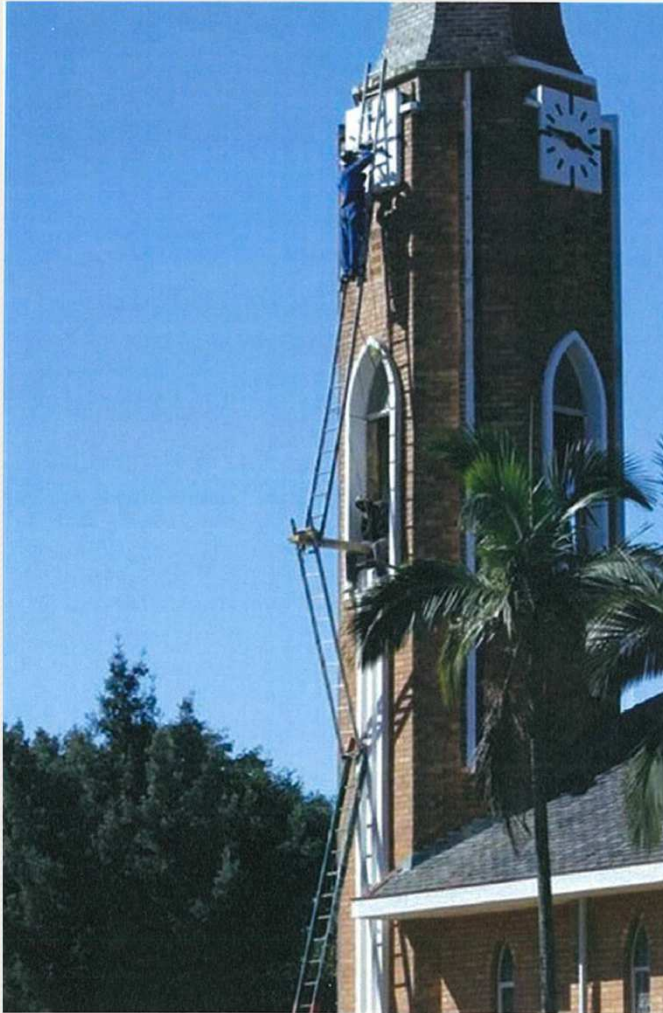
Graded Approach



Motivation for FaSa Methodology

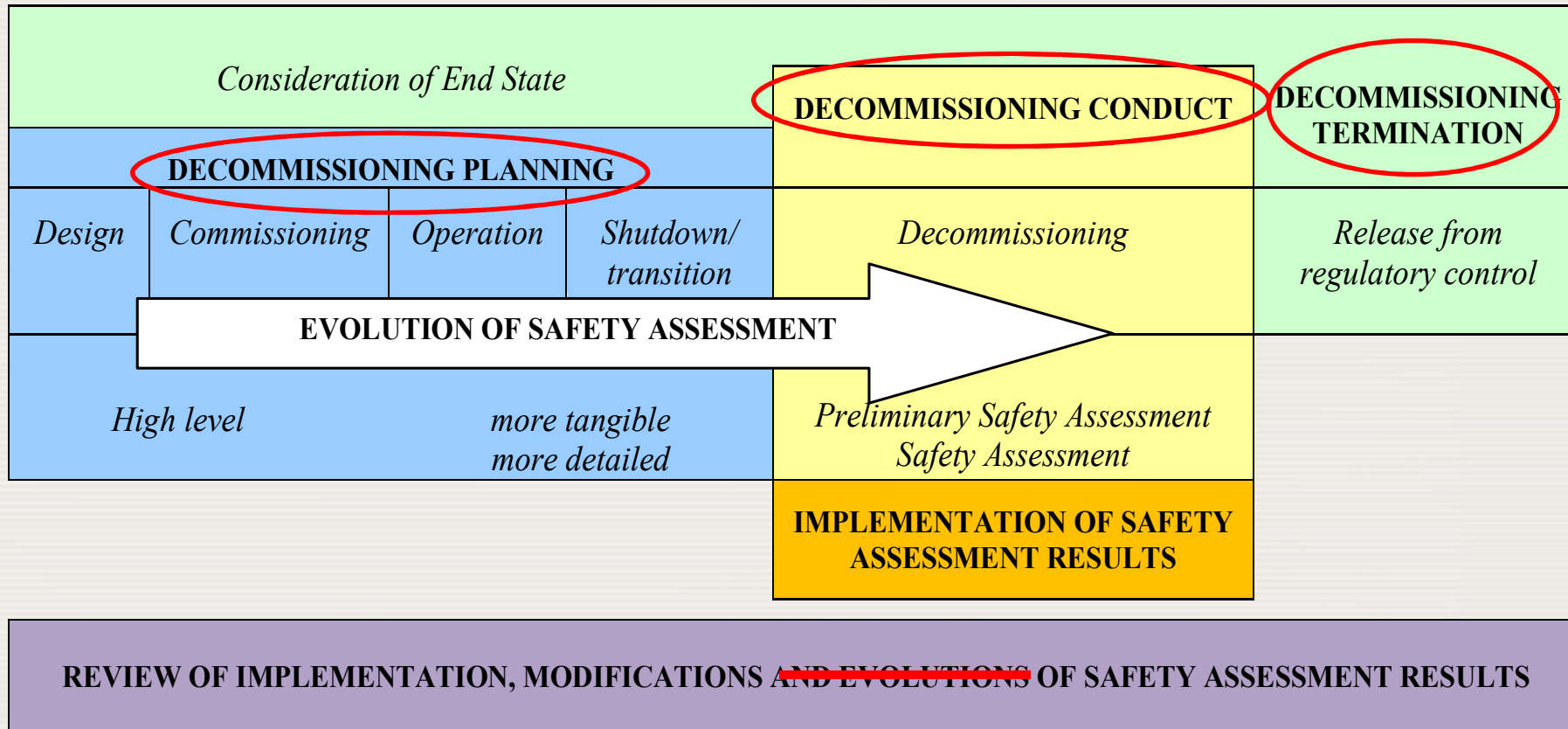


Motivation for FaSa Methodology

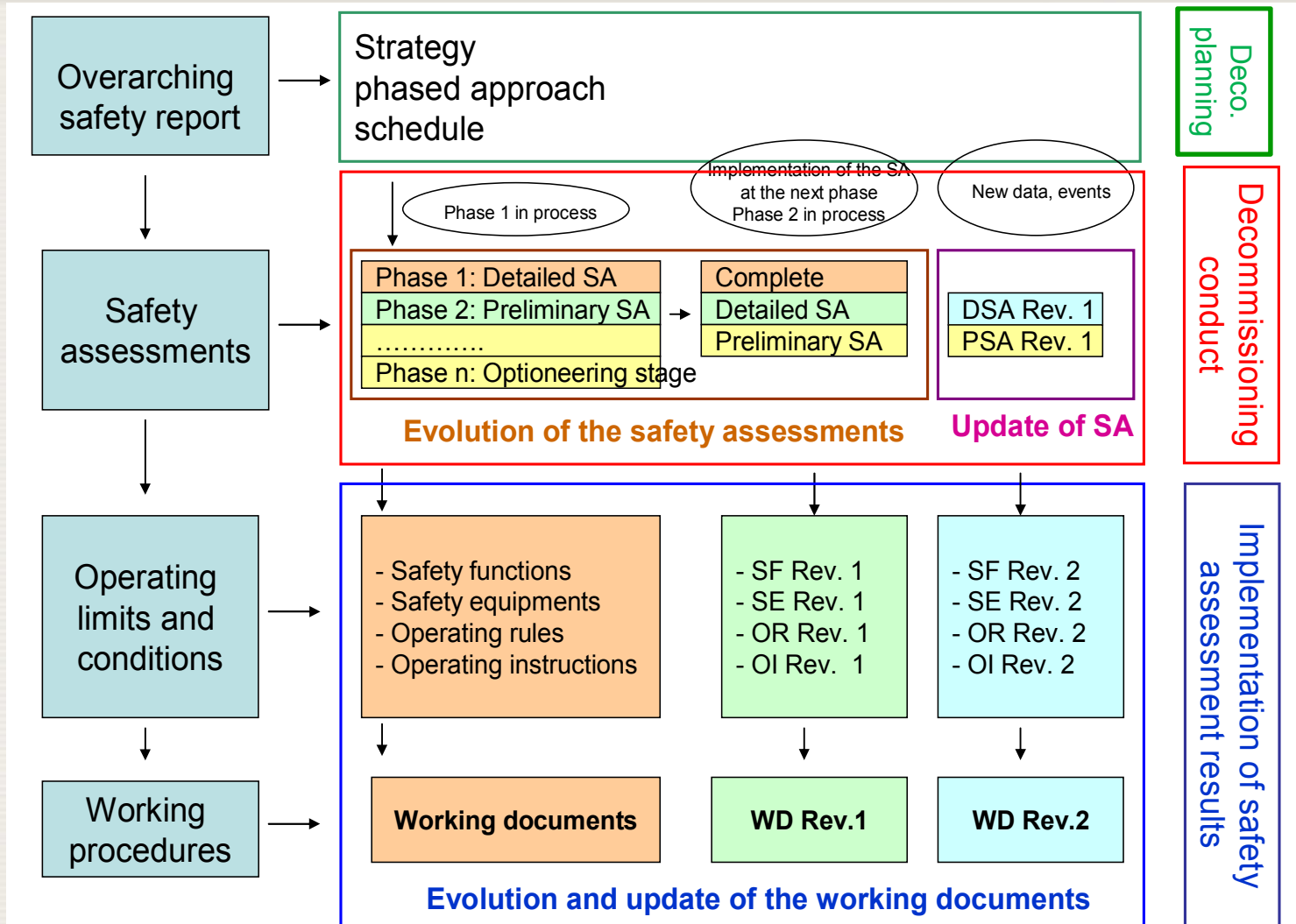


FaSa Methodology

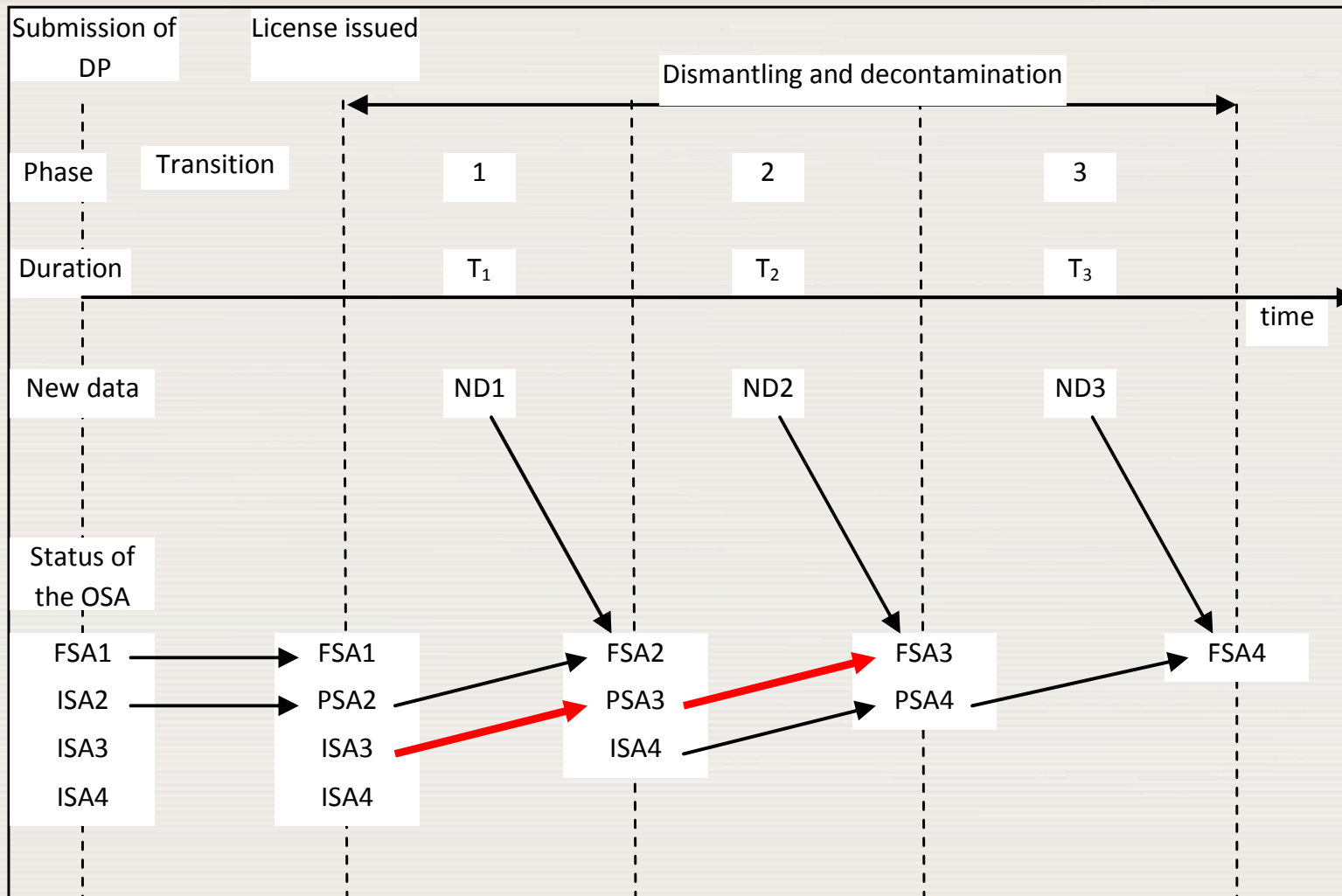
- Decommissioning related safety aspects



FaSa Methodology – Safety Assessment Aspects



FaSa Methodology – Safety Assessment Evolution



Review Results

- General comments from the working groups
 - harmonization with respect to the terms used
 - ➔ use IAEA glossary as much as possible
- Overview chapter 2 was confirmed
 - editorial comments to improve clarity
- Planning chapter 3 was confirmed
 - mainly editorial modifications, including figure 3.1
 - possibility to send additional example figures on the evolution of the decommissioning plan (esp. on deferred dismantling)
 - ➔ volunteers to send figures latest end of December 2011

Review Results

- Conduct chapter 4 was confirmed
 - consists of three parts
 - part 1: methodology – reviewed during this week & confirmed
 - part 2 and 3: Member State examples on different level of detail, as such content not necessary to review
 - part 2 and 3 might become appendices
- Implementation chapter 5 was confirmed
 - review performed
 - two additional examples expected
 - two gaps identified – will be closed soon by WG chair
 - work permit system
 - engineering feedback

Else

- No comments submitted or made on
 - Decommissioning termination
 - Review of Implementation results
 - If there are any comments related:
send them until end of 2011 to
 - Working Group Chairperson, FaSa Chairperson and IAEA
- Workplan for chapters 1 – 9 (chairpersons, IAEA)
 - processing of review comments until end of January 2012
 - drafting of missing chapters (executive summary, lessons learned , summary) until end of February 2012
 - conduct of editorial meeting of CWG until end of April 2012

Thank you for your attention!



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