

# Recent Activities of the UK Working Party on Criticality

*Track 9 – Professional Development*



Presented By : Dr. Deborah Hill, WPC Chair

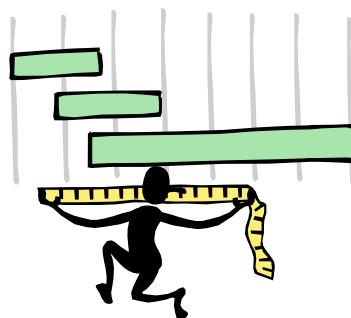
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## Objectives of the Presentation



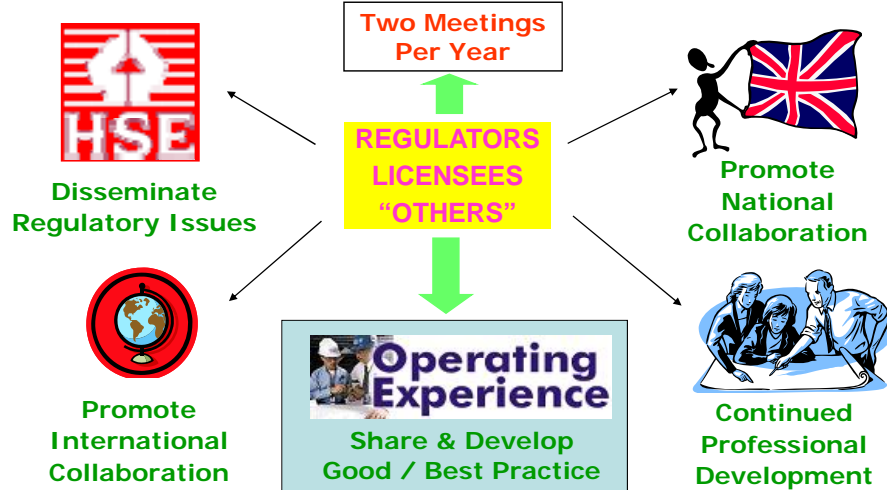
- Introduction to the WPC
- Overview of Activities
- Challenges
- Questions



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## Introduction to the WPC



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## Share & Develop Good / Best Practice (1)



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## Share & Develop Good / Best Practice (2)

- The Challenge of Developing Good / Best Practice ....
  - Problems in Gaining Consensus with a Non-Executive Committee
  - Non-Prescriptive Nature of the UK Regulatory Scheme
  - Anxiety with the term "Good / Best Practice"

**BUT SOMETIMES POSSIBLE .... AND USEFUL !!!!**



**Criticality Competence Framework**

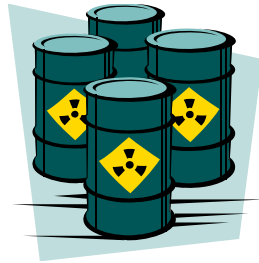
## Disseminate Regulatory Issues

.... And Facilitate the Development of a UK Criticality Community View on Such Matters



**Discussions on  
Technical Assessment Guides**

## Promote National Collaboration



### Waste Sub-Group

- Develop risk-based methodologies for both Operational Safety Cases ("Band Methodologies") and Repository Safety Cases
- Interest in the recent IAEA Fissile Exception Criteria

## Promote International Collaboration



## Continued Professional Development

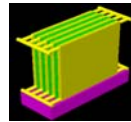


As Well as Attendance at Meetings / Technical Sub-Groups ...

### CPD WORKSHOPS



Criticality Emergency  
Response



Selecting Methods of  
Criticality Control



ALARP



Transport

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## Current & Future Challenges (1)



- Perception from within the UK criticality community that there has been a reduction in both Development Activities (including support to International Standards) and Sharing of Information / Good Practice... WHY ... ?



Fragmentation of Companies



Security & Intellectual  
Property Rights



Commercial / Economic  
Climate

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## Current & Future Challenges (2)



**KEY CHALLENGE: "How Do We Take a More Active Role in Identifying and Progressing Criticality-Related Strategic Issues of Relevance to the UK and Encourage Greater Cooperation in Addressing These ?"**

- Good progress usually made on 'smaller' issues. More difficult when the issue is 'larger' and relies on ...



**Coordinated Money**



**Coordinated Resource**

- Currently looking to resolve with the UK Safety Directors Forum. **But welcome advice from others !**

## Conclusions



- Important that a national forum exists for the UK criticality community by providing a means of ...



**Exchanging Ideas  
& Information**



**Developing Advice  
/ Guidance**



**Focussing  
Efforts**

- Provided an overview of the WPC and the current activities / challenges

**Please speak to me after the session if you want to know more !**

And Finally...

