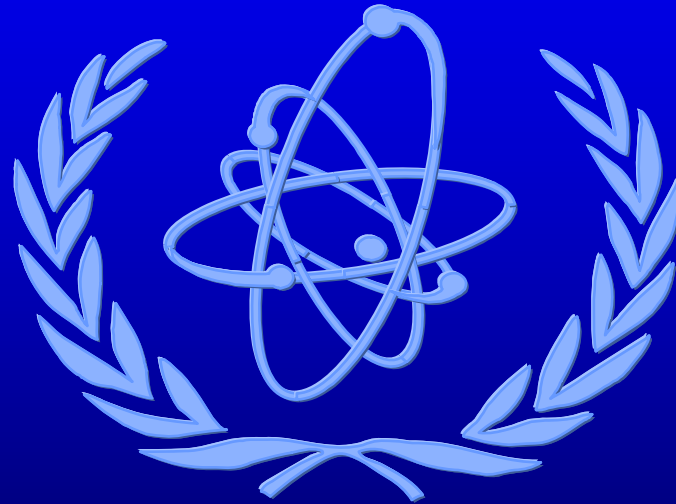


MODULE 1:

INTRODUCTION



Outline of Level 2 Course

- **Course Objective**
 - **Provide an overview of key elements of a typical Level 2 PSA**
 - **Organized in 10 Modules**
 - **Begin with an overview of the process of core damage, resulting challenges to containment integrity and fission product release**
 - **Describe a probabilistic framework for representing uncertainties in core melt progression and fission product source term (i.e., Level 2 PSA)**
 - **Several exercises for group discussion**
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Course Modules

Deterministic Elements

2. **Severe Accident Phenomena**
3. **Source Term phenomena**
4. **Accident Progression & Source Term Analysis**
5. **Containment Performance**

Probabilistic Elements

6. **Level 1-2 Interface**
7. **CET Development**
8. **Source Term Binning**
9. **Level 2 Results**
10. **Treatment of Uncertainties**



Schedule

Day-1			Day-2			Day-3			Day-4		
Module	Duration (hr)	Activity	Module	Duration (hr)	Activity	Module	Duration (hr)	Activity	Module	Duration (hr)	Activity
	1	Registration	E2	1	Discussion of Exercise E2	E5	1	Discussion of Exercise E5	E7	1	Discussion of Exercise E7
					Break			Break			Break
1	1/2	Opening Workshop Introduction	3	2.5	Source Term Phenomena	6	1.5	Level 1-2 Interface	9	1.5	Level 2 Results
					Lunch			Lunch			Lunch
	1	IAEA Activities in PSA	4	2	Accident Progression & Source Term Analysis	7	2	CET Development	10	1.5	Uncertainty Analysis
		Lunch			Break			Break			Break
2	3	Severe Accident Phenomena	5	2	Containment Performance	8	2	Source Term Binning	Participant Presentations		
E2	1	Exercise	E5	1	Exercise	E7	1	Exercise			



Introductions

- **Lecturers**
- **Participants**
- **Questions / Administrative Issues**

