

Workshop

**Application
of Level 1 Probabilistic Safety Assessment**

Bangkok, Thailand
5 – 9 September 2022

AGENDA

SESSION # & TIME	ACTIVITY	SPEAKER / PARTICIPANTS
5 September, Monday		
SESSION 1 09:30 – 10:30	• Opening remarks	Mr Lankin, IAEA/NSNI/SAS
	• Overview of the objectives and agenda of the Workshop	Mr Lankin
	• Self-introduction of participants and experts	All
	P1. Tasks of Level 1 PSA	Mr. Kanetsyan
10:30 – 11:00	<i>Coffee Break</i>	
SESSION 2 11:00 – 12:30	P1. Tasks of Level 1 PSA (cont'd)	Mr. Kanetsyan
	Discussion, questions, and answers	All
12:30 – 14:00	<i>Lunch</i>	
SESSION 3 14:00 – 15:30	P2. Overview of PSA applications	Mr Lankin
	P3. Experience in PSA Applications	Mr. Kanetsyan
	Discussion, questions, and answers	All
15:30 – 16:00	<i>Coffee Break</i>	
SESSION 4 16:00 – 17:00	P4. Experience in PSA Applications	Mr Hlavac
6 September, Tuesday		
SESSION 5 09:00 – 10:30	P5. Safety Goals	Mr Lankin
	P6. Overview of Risk Informed Decision-Making Process	Mr Lankin
	Discussion, questions, and answers – 20 min	All
10:30 – 11:00	<i>Coffee Break</i>	
SESSION 6 11:00 – 12:30	P7. Experience in Risk Informed Decision Making	Mr Hlavac
	P8. Risk monitoring and managing risk configuration with practical examples	Mr Hlavac
	Discussion, questions, and answers	All
12:30 – 14:00	<i>Lunch</i>	

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SESSION 7 14:00 – 15:30	P8. Risk monitoring and managing risk configuration with practical examples (cont'd)	Mr Hlavac
	P9. Use of PSA for in service inspections, tests, and maintenance optimization	Mr Hlavac
	Discussion, questions and answers	All
15:30 – 16:00	<i>Coffee Break</i>	
SESSION 8 16:00 – 17:00	P10. Experience in use PSA for inspections, tests, and maintenance optimization	Mr. Kanetsyan
	NP3. National presentation – Thailand	Participants
	Discussion, questions and answers on the topics of the day	All
7 September, Wednesday		
SESSION 9 09:00 – 10:30	NP1. National presentation – Malaysia	Participants
	NP2. National presentation – Philippines	Participants
	NP3. National presentation – Thailand	Participants
	NP4. National presentation – Indonesia	Participants
	NP5. National presentation – Viet Nam	Participants
	Discussion	All
10:30 – 11:00	<i>Coffee Break</i>	
SESSION 10 11:00 – 12:30	P13. Risk-Informed Technical Specification. Development and Optimisation of Allowed Outage Times	Mr Hlavac
	P14. Living PSA	Mr Hlavac
	Discussion, questions and answers	All
12:30 – 14:00	<i>Lunch</i>	
SESSION 11 14:00 – 15:30	P15. PSA Usage for Development and Improvement of Emergency Operating Procedures	Mr. Kanetsyan
	P16. Evaluation and Rating of Operational Events	Mr. Kanetsyan
	Discussion, questions and answers	All
15:30 – 16:00	<i>Coffee Break</i>	
SESSION 12 16:00 – 17:00	P17. Risk informed regulations. Risk-informed oversight and enforcement	Mr. Kanetsyan
	Discussion, questions, and answers	All
8 September, Thursday		
SESSION 13 09:00 – 10:30	P18. Introduction to Risk Spectrum Software and to Test Model – 70 min	Mr. Hlavac
	Discussion, questions, and answers	All
10:30 – 11:00	<i>Coffee Break</i>	
SESSION 14 11:00 – 12:30	EX1. IRIDM Exercises (2 groups)	All; Led by Mr Hlavac and Mr. Kanetsyan
12:30 – 14:00	<i>Lunch</i>	

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SESSION 15 14:00 – 15:30	EX1. Continued	All; Led by Mr Hlavac and Mr. Kanetsyan
15:30 – 16:00	<i>Coffee Break</i>	
SESSION 16 16:00 – 17:00	EX1. Continued Presentation of the results, discussions	All; Led by Mr Hlavac and Mr. Kanetsyan
9 September, Friday		
SESSION 17 09:00 – 13:00	P11. Use of PSA for design stage P12. Using PSA for safety classification Discussion of meeting results. Closing	Mr Lankin Mr Lankin All