

Regional Workshop on Accident Analysis for Severe Accidents

Time	WORKSHOP COORDINATOR: HIRANUMA, Naoki, IAEA					Time
	Day 1 (Mon) -28 May	Day 2 (Tue) -29 May	Day 3 (Wed) -30 May	Day 4 (Thu) -31 May	Day 5 (Fri) -1 June	
9:00-9:30	Welcome and Introduction of the Workshop and the participants - IAEA	SAMG at VVER. Effect of reflood of degrading core for H2 safety at in-vessel stage (lecture) - Mr Dolganov	Modeling of fission products behaviour in SOCRAT (lecture) - Mr Dolganov	Database for radiological consequences calculations and features of functions calculation for comparison with safety criteria (lecture) - Mr Kiselev	Training, case 2c: Running Nostradamus code with the previously calculated source term by containment bypass. Analysis of radiological consequences - Mr Kiselev	9:00-10:30
9:30-10:30	Key requirements/recommendations related to Accident Analysis for Severe Accident from relevant IAEA Safety Standards - IAEA					
10:30-11:00	Break	Break	Break	Break	Break	10:30-11:00
11:00-12:30	Phenomenology of severe accidents at NPP with VVER (lecture) - Mr Dolganov	Training, case 1a: Running a sample of LOCA SA calculation with and without water injection in VVER (with emphasis on H2 safety) - Mr Tomashchik	Training, case 1b: Running a sample of LOCA SA calculation with and without water injection in VVER (with emphasis on the source term) - Mr Tomashchik	Training, case 1c: Running Nostradamus code with the previously calculated LOCA source term. Analysis of radiological consequences - All Kiselev	Final control (quiz)	11:00-12:30
12:30-14:00	Lunch	Lunch	Lunch	Lunch	Lunch	12:30-14:00
14:00-15:30	SOCRAT-NOSTRADAMUS complex for calculation analysis of radiological consequences for safety assessment issues (lecture) - Mr Kiselev	SOCRAT input language and output parameters (lecture) - Mr Tomshchik	Nostradamus code for radiological consequences analysis (lecture) - Mr Kiselev	Training, case 2a: Running a sample of SA calculation with and without containment bypass due to SGTR (with emphasis on the source term) - Mr Dolganov	Discussion of quiz answers. Remaining questions. - All experts	14:00-15:30
					Wrapup - IAEA	
15:30-16:00	Break	Break	Break	Break	Adjourn	15:30-16:00
16:00-17:30	General description of SOCRAT. Training: Running the code - Mr Tomashchik	Training, case 1a: Discussion of results of LOCA SA calculation with and without water injection (with emphasis on H2 safety) - Mr Tomashchik	Training, case 1b: Discussion of results of LOCA SA calculation with and without water injection (with emphasis on the source term) - Mr Tomashchik	Training, case 2b: Discussion of results of SA calculation with and without containment bypass due to SGTR (with emphasis on the source term) - Mr Dolganov		16:00-17:30
17:30-18:00	Discussions All	Discussions All	Discussions All	Discussions All		17:30-18:00