



ANSELMUS

Advanced Nuclear Safety Evaluation of Liquid Metal Using Systems

Grant Agreement Number 101061185

Research and Innovation Action

Topic: HORIZON-EURATOM-2021-NRT-01-02

Safety of advanced and innovative nuclear designs and fuels

Start date: 01/09/2022 – Duration: 48 months

AGENDA

3rd Technical Review Meeting

April 08-10, 2024

| **Monday April 08th until Wednesday April 10th lunchtime** |

Sardegna Ricerche
Loc. Piscinamanna, Ed. 2
09010 Pula (CA), Italy

Microsoft Teams meeting

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Author: Paul Schuurmans, SCK CEN

Monday 8th April, 2024				CRS4 Edificio 1, meeting room D130 (entrance from the first terrace)	
Start	Time	Task/ Subt.	Title	Presenter	Affiliation
11:00	12:30		TCB meeting	Coordinator & WP leads	

Monday 8th April, 2024				Sardegna Ricerche Edificio 2	
Start	Time	Task/ Subt.	Title	Presenter	Affiliation
14:00	0:10		Welcome	Paul Schuurmans	SCK CEN
14:10	0:20	7	Overview WP7 - Project management	Paul Schuurmans, Margot Degrève	SCK CEN
14:30	0:15		Project management Q&A		
14:45	0:05	1	Overview WP1 - PIRT on HLM systems	Marco Caramello	ANN
14:50	0:30	1.1	PIRT Methodology and development : report of the PIRT meetings and summary of PIRT	Luca Ammirabile	JRC
15:20	0:20	1.3	Numerical evaluation of selected scenarios: status report	Francesco Lodi	ENEA
15:40	0:15		Discussion		
15:55	0:20		BREAK		
16:15	0:10	6.0	Overview WP6 - Dissemination, education, training communication	Philippe Planquart	VKI
16:25	0:15	6.1	Dissemination and exploitation of the results	Mirela Nitoi, Daniela Gugiu	RATEN
16:40	0:15	6.2	Data management plan for the FAIR approach	Philippe Planquart	VKI
16:55	0:15		Discussion	All	
17:10			End of day 1		

Tuesday April 9 th , 2024			Sardegna Ricerche Edificio 2		
Start	Time	Task/ Subt.	Title	Presenter	Affiliation
9:15	0:05	3.0	Overview WP3 - Validation of safety systems	Julio Pacio	SCK CEN
9:20	0:20	3.1.1	COMPLOT experiment of MYRRHA safety rods	Julio Pacio	SCK CEN
9:40	0:20	3.1.2	Numerical simulations supporting the COMPLOT safety rod experiment	Manuela Profir	CRS4
10:00	0:20	3.3.1	Oxygen control system in LBE selection and test in MEXICO facility	Jun Lim	SCK CEN
10:20	0:20	3.3.2	Oxygen control system in Pb selection and test in HELENA	Daniele Martelli	ENEA
10:40	0:30		Break		
11:10	0:20	3.2.2	Noble gas transport tests in Pb in a new facility	Ana Maria Ivan	RATEN
11:30	0:20	3.2.2	Noble gas transport tests in LBE	Kris Rosseel	SCK CEN
11:50	0:20	3.2.4.	Tag gas mixture selection and capsule conceptual design for MYRRHA	Giacomo Grasso	ENEA
12:10	0:20	3.2.5	Noble gas detection experiments using fission product Gas-jet Facility (PSI)	Robert Eichler	PSI
12:30			Lunch and technical visit		
14:00	0:10	5.0	Overview WP5 - Social impact of innovative heavy metal cooled nuclear technology	Minodora Apostol	RATEN
14:10	0:15	5.1.1	LFR balance of plant configuration	Viktor Amezcua	EAI
14:25	0:20	5.1.2; 5.1.3	Techno-economic analysis, Financing and business model	Federico Tassone	POLIMI
14:45	0:20	5.2	Social and ethical considerations of advanced nuclear technology	Catrinel Turcanu	SCK CEN
15:05	0:15		<i>Discussion</i>	<i>All</i>	
15:20	0:20		Break		
15:40	0:10	4.0	Overview WP4 -Reactor safety monitoring & inspection	Giacomo Grasso	ENEA
15:50	0:20	4.1	Inspection strategy	Oliver Martin	JRC
16:10	0:20	4.2.1	High temperature inspection sensor procurement	Giacomo Grasso	ENEA
16:30	0:15	4.2.2	High temperature inspection experiment	Vykintas Samaitis	KTU
16:45	0:15		<i>Discussion</i>	<i>All</i>	
17:00			End of day 2		

Wednesday April 10 th , 2024			Sardegna Ricerche Edificio 2		
Start	Time	Task/ Subt.	Title	Presenter	Affiliation
9:15	0:10		Welcome	CRS4 President	
9:25	0:05	2.0	Overview WP2 - Fuel Assembly Safety	Ferry Roelofs	NRG
9:30	0:15	2.1.1	Helena Experiments	Ivan Di Piazza	ENEA
9:45	0:15	2.1.2	<i>Deformed fuel bundle Pre-test simulations</i>	<i>Pietro Cioli Puviani</i>	ENEA
10:00	0:15	2.1.2	Helena Simulations @ CRS4	Vincent Moreau	CRS4
10:15	0:15	2.1.2	Helena Simulations @ NRG	Shubham Dalvi	NRG
10:30	0:15	2.1.2	<i>Helena Simulation@VKI</i>	<i>Matilde Fiore</i>	VKI
10:45	0:15	2.1.2	<i>Discussion</i>	<i>All</i>	
11:00	0:20		Break		
11:20	0:15	2.2.1	Generation of a database of experiments with wire spaced bundle	Julio Pacio	SCK CEN
11:35	0:15	2.2.2	Measurements with a wire spaced fuel bundle in water representative of MYRRHA	Philippe Planquart	VKI
11:50	0:10	2.2.3	Pre-test simulation needs		
12:00	0:15		<i>A. o. B.</i>	<i>All</i>	
12:15	0:15		Meeting wrap up, next meeting		
12:30			End of day 3. Continuation with PASCAL meeting in the afternoon		