4th Meeting of the "European MELCOR User Group (EMUG)"

Organized and Hosted by Gesellschaft für Anlagen- und Reaktorsicherheit (GRS) mbH

Room 611, Cologne, Germany

April 16 – 17, 2012

Final Agenda

Monday, April 16, 2012

Time	Title	Speaker	Org
9^{00} – 9^{45}	**Registration**		
9^{45} – 10^{00}	**Welcome and Opening Remarks**	T. Steinrötter	GRS
		M. Sonnenkalb	
	1st Section – Status of MELCOR		
10^{00} – 11^{00}	MELCOR Code Development Status, Code Assessment, and QA	L. Humphries	SNL
11^{00} – 11^{15}	Coffee Break		
	2nd Section – Fukushima Analyses		
11^{15} – 11^{45}	Simulation of the Station Blackout Accident in Fukushima Daiichi Unit-3 BWR	W. Ma	KTH
11^{45} – 12^{15}	Development of a MELCOR Input Deck for Fukushima Accident: Tools and Lessons Learned	M. Sangiorgi	ENEA
		A. Del Corno	RSE
	3rd Section – Validation on Experiments		
12^{15} – 12^{35}	MELCOR 2.1 Code Verification on ISP-38 Experiment at BETHSY Facility	N. Mosunova	IBRAE
12^{35} – 13^{00}	Air Ingress Experiments Q-10 and Q-16 Analyses with MELCOR 1.8.6	L. Fernandez-Moguel	PSI
13^{00} – 14^{15}	Lunch		
	3rd Section – Validation on Experiments (continuation)		
14^{15} – 14^{45}	Sensitivity Study of SFP Experiment with MELCOR 1.8.6 YV SFP	B. Jäckel	PSI
	4th Section – SNAP Code		
14^{45} – 16^{15}	Training on the Application of the SNAP Code (1st Part)	J. Phillips	SNL
16^{15} – 16^{30}	Coffee Break		
16^{30} – 18^{00}	Training on the Application of the SNAP Code (2nd Part)	J. Phillips	SNL
20:00	Diner at the traditional Brewery Früh, Cologne		

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5th Section – Other Plant Applications

Time	Topic	Speaker	Org.
9^{00} – 9^{25}	Modelling of In-vessel Retention	W. Rapp	Westing.
9^{25} – 9^{55}	Use of MELCOR Calculations in the Frame of Level 2 PSA of the Belgian Plants	C. Ngatchou	GDF
9^{55} – 10^{15}	Problems with Core Bypass Atmosphere Freezing of the VVER-1000 and Similar Types of Reactor: Related Hints	M. Kotouč	NRI
10^{15} – 10^{30}	Coffee Break		

5th Section – Other Plant Applications (Continuation)

Time	Topic	Speaker	Org.
10^{30} – 10^{50}	Coolability of a BWR Fuel Element in the Spent Fuel Pool	M. Löffler	AREVA
10^{50} – 11^{20}	Application of MELCOR to Severe Accident Analyses for Spent Fuel Pools of German Nuclear Power Plants	T. Steinrötter	GRS

6th Section – Specific Applications

Time	Topic	Speaker	Org.
11^{20} – 11^{35}	Coupling MELCOR to Other Codes	T. Szabó	KIT
11^{35} – 11^{55}	Ex-Vessel LOCA for the European HCPB TBM System Using the Pedigreed MELCOR 1.8.2 for Fusion	X. Jin	KIT

7th Section – Iodine Behavior

Time	Topic	Speaker	Org.
11^{55} – 12^{15}	Volatile Iodine Release Challenges in Case of External Reactor Vessel Cooling Combined with Filtered Venting	G. Horvath	NUBIKI
12^{15} – 13^{30}	Lunch		

8th Section – Overview of Activities

Time	Topic	Speaker	Org.
13^{30} – 13^{50}	Overview of MELCOR activities in CIEMAT	C. López	CIEMAT
13^{50} – 14^{10}	Experience gained running PSA scenarios with MELCOR 2.1 - Problems Encountered and Solution Methods	M.Stempniewicz	NRG
14^{10} – 14^{40}	MELCOR Post-processing Using Open Source Tools --- 2012 Update	P. Vokáč	NRI
14^{40} – 15^{00}	Coffee Break		
15^{00} – 16^{00}	**9th Section – Discussion of Participants and Meeting Closure**	All	

Organizing and Hosting Institutes for 2013 and 2014

Miscellaneous