

The 2nd Meeting of the “European MELCOR User Group”

Organized by Nuclear Research Institute Řež plc.
Hosted by Czech Republic State Office for Nuclear Safety
Prague, Czech Republic
March 1-2, 2010

Final Agenda

Monday, March 1, 2010

8 ⁰⁰ - 8 ³⁰	Registration		
8 ³⁰ - 9 ⁰⁰	Opening Remarks / Welcome	M. Hrehor M. Tichý	NRI SONS
9 ⁰⁰ - 10 ⁰⁰	1st Session - NRC and SNL Presentations Overview of MELCOR Code Development	L.L. Humphries	SNL
10 ⁰⁰ - 10 ²⁰	<i>Coffee break</i>		
10 ²⁰ - 12 ⁰⁰	1st Session - NRC and SNL Presentations (Continued) New MELCOR 2.1 Code Features Current Assessment Calculations for MELCOR 2.1 Recent Applications of MELCOR	N. Mosunova L.L. Humphries H. Esmaili	IBRAE SNL NRC
12 ⁰⁰ - 13 ³⁰	<i>Lunch</i>		
13 ³⁰ - 15 ⁰⁰	2nd Session - Validation on Experiments Air Oxidation Modelling at PSI Influence of B4C Oxidation on Transient Behaviour at ACRR DF-4 Sensitivity Analysis Focusing on Core Degradation Using Available Data from PHEBUS FPT-3	J. Birchley B. Jaeckel M. Sangiorgi	PSI PSI ENEA
15 ⁰⁰ - 15 ²⁰	<i>Coffee break</i>		
15 ²⁰ - 15 ⁴⁵	2nd Session - Validation on Experiments (Continued) Core Modeling Using Data from the Approval Process for Refueling	F.P. Sassen	Westinghouse E.
15 ⁴⁵ - 17 ⁰⁰	3rd Session - Plant Applications Focused on Core Modeling VVER Core Modeling and Visualization Recent VVER-440 Severe Accident Analyses with MELCOR 1.8.6	J. Jančovič P. Vokáč	VUJE NRI



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Tuesday, March 2, 2010

8 ³⁰ - 10 ⁰⁰	3rd Session - Plant Applications Focused on Core Modeling (Continued)		
	Experiences from MELCOR 1.8.6 Application on Plant Analyses	T. Steinrotter	GRS
	Belgian PSA Level 2 - Qualification of the TE MELCOR Models	M. Herman	GDF-SUEZ
	VVER-1000 Reflooding Scenario Simulation with MELCOR 1.8.6 Code in Comparison with MELCOR 1.8.3 Simulation	J. Duspiva	NRI
10 ⁰⁰ - 10 ²⁰	<i>Coffee break</i>		
10 ²⁰ - 11 ²⁰	4th Session - Iodine Behavior in Containment		
	Severe Accident Volatile Iodine Release from Containment vs. Sump Alkalinity	G. Horvath	Nubiki
	CIEMAT Related Activities: Year 2009	M. García	CIEMAT
11 ²⁰ - 11 ⁴⁰	5th Session - Overview of Activities		
	MELCOR Activities in Sweden	W. Ma	KTH
11 ⁴⁰ - 12 ⁰⁰	6th Session - Specific Applications		
	Real-time MELCOR 1.8.6 Desktop Simulator of the PWR	A. de With	NRG
12 ⁰⁰ - 13 ³⁰	<i>Lunch</i>		
13 ³⁰ - 15 ³⁰	6th Session - Specific Applications (Continued)		
	Modeling Experience on Disruption of Hotleg Counter-Current Flow by Thermally-Induced SGTRs	S. Guentay	PSI
	Safety Analysis for the European HCPB TBM System Using Pedigreed MELCOR 1.8.2	X.Z. Jin	KIT
	An attempt to model the heat conduction in concrete during CCI: Simulation of the CCI-2 test with CORCON in MELCOR	A. Rýdl	NRI
	Various Observations from MELCOR 1.8.6 Applications, Recommendations, and Suggestions	J. Duspiva	NRI
15 ³⁰ - 15 ⁵⁰	<i>Coffee break</i>		
15 ⁵⁰ - 17 ⁰⁰	7th Session - Discussion of participants and meeting closure	all	
	Topics		
	- Next organizing and hosting institutes for 2011 and 2012		
	- Opening of EMUG to institutes outside of Europe		
	- Other matters		

