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 <sup>00</sup> - 8 <sup>30</sup>	Registration		
8 <sup>30</sup> - 9 <sup>00</sup>	Opening Remarks / Welcome	M. Hrehor M. Tichý	NRI SONS
9 <sup>00</sup> - 10 <sup>00</sup>	1 <sup>st</sup> Session - NRC and SNL Presentations Overview of MELCOR Code Development	L.L. Humphries	SNL
10 <sup>00</sup> - 10 <sup>20</sup>	Coffee break		
10 <sup>20</sup> - 12 <sup>00</sup>	1 <sup>st</sup> 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 <sup>00</sup> - 13 <sup>30</sup>	Lunch		
13 <sup>30</sup> - 15 <sup>00</sup>	2 <sup>nd</sup> 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 <sup>00</sup> - 15 <sup>20</sup>	Coffee break		
15 <sup>20</sup> - 15 <sup>45</sup>	<ul> <li>2<sup>nd</sup> Session - Validation on Experiments (Continued)         Core Modeling Using Data from the Approval Process for Refueling</li> <li>3<sup>rd</sup> Session - Plant Applications Focused on Core Modeling</li> </ul>	F.P. Sassen	Westinghouse E.
- 17	VVER Core Modeling and Visualization Recent VVER-440 Severe Accident Analyses with MELCOR 1.8.6	J. Jančovič P. Vokáč	VUJE NRI





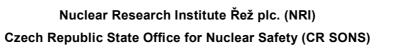
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# **Final Agenda**

### Tuesday, March 2, 2010

8 <sup>30</sup> - 10 <sup>00</sup>	3 <sup>rd</sup> 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 <sup>00</sup> - 10 <sup>20</sup>	Coffee break			
10 <sup>20</sup> - 11 <sup>20</sup>	4 <sup>th</sup> Session - Iodine Behavior in Containment			
	Severe Accident Volatile Iodine Release from Containment vs. Sump Alkalinity	G. Horvath	Nubiki	
11 <sup>20</sup> - 11 <sup>40</sup>	CIEMAT Related Activities: Year 2009  5 <sup>th</sup> Session - Overview of Activities	M. García	CIEMAT	
	MELCOR Activities in Sweden	W. Ma	KTH	
11 <sup>40</sup> - 12 <sup>00</sup>	6 <sup>th</sup> Session - Specific Applications			
	Real-time MELCOR 1.8.6 Desktop Simulator of the PWR	A. de With	NRG	
12 <sup>00</sup> - 13 <sup>30</sup>	Lunch			
13 <sup>30</sup> - 15 <sup>30</sup>	6 <sup>th</sup> 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	
$15^{30} - 15^{50}$	Coffee break			
15 <sup>50</sup> - 17 <sup>00</sup>	<b>7</b> <sup>th</sup> Session - Discussion of participants and meeting closure Topics	all		
	- Next organizing and hosting institutes for 2011 and			





- Opening of EMUG to institutes outside of Europe

- Other matters

