

Programme, plenary meeting

Monday September 6, 2004

08:00		Registration
08:30		Welcome Barbara C. Oberländer (IFE Kjeller, Norway)
Session 1:	Paper no:	European HOTLAB project - work package (WP) leaders report and specific papers <i>Chairpersons: Leo Sannen (SCKCEN, Belgium) & Jean Y.Blanc (CEA Saclay, France)</i>
08:40	1.1	Roadmap for HOTLAB Leo Sannen (SCKCEN, Belgium)
	1.2	WP1 - Web portal & digital catalogue - Leader reports <u>Leo Sannen</u> (SCKCEN Mol, Belgium)
	1.3	IAEA Post Irradiation Examination Facilities Database <u>Haakon K. Jenssen</u> (IFE Kjeller, Norway), J.-Y. Blanc and P. Dubuisson (CEA France), R. Manzel (Framatome-ANP Germany), A. A. Egorov (Minatom Russia), V. Golovanov and D. Souslov (RIAR Russia)
	1.4	Web portal for HOTLAB database <u>Geert Thys</u> (SCKCEN Mol, Belgium)
09:30		<i>Coffee Break</i>
09:50	1.5	WP2 - Present & future needs - Leader reports <u>Wolfgang Goll</u> (Framatome-ANP Erlangen, Germany)
	1.6	Specific papers (F.Lange)
	1.7	WP3 - Nuclear transports - Leader reports <u>Gilbert Bruhl</u> (CEA, Saclay)
	1.8	Specific papers
	1.9	Web portal for nuclear transport database <u>Geert Thys</u> (SCKCEN Mol, Belgium)
12:00		<i>Lunch</i>

Session 2:	Paper no:	Refabrication and Instrumentation <i>Chairpersons: Karl Silberstein (CEA Cadarache, France) & Hans-J.Kleemann (IFE Kjeller, Norway)</i>
13:30	2.1	Instrumentation of experimental fuel and future needs for PIE and hot-cell work <u>Helge Thoresen</u> (IFE HRP Halden, Norway)
13:50	2.2	Refabrication of fuel rods qualification of the end plug welds <u>Leo Sannen</u> , August Gys, and Yves Parthoens (SCKCEN Mol, Belgium)
14:10	2.3	Refabricated and instrumented fuel rods <u>Karl J. Silberstein</u> (CEA Cadarache, France)
14:30	2.4	Design and implementation of a circumferential Tig and Laser welding at the LECI Laboratory <u>G.M. Decroix</u> , P. Duigou, O. Howald, C. Verdeau (DEN/SAC/DMN/SEMI, CEA/Saclay, France)
14:50	2.5	Re-fabrication and instrumentation - resume and outlook - <u>Hans-J. Kleemann</u> , Barbara C. Oberländer (IFE Kjeller, Norway)
15:10		Discussions
15:30		<i>Coffee Break</i>
Session 3:	Paper no:	Post irradiation examination (PIE) techniques <i>Chairpersons: Enrique H.Toscano (CEC ITU Karlsruhe, Germany) & Didier Gavillet (PSI, Switzerland)</i>
15:50	3.1	Available PIE Techniques at the Romanian Institute for Nuclear Research <u>Marcel Paravan</u> , Antonius Sorescu, Marin Mincu, Octavian Uta (RAAN-SCN, Pitești, Romania)
16:10	3.2	PIE techniques used for fuel performance evaluation <u>Rikard Källström</u> (Studsvik Nuclear Nyköping, Sweden)
16:30	3.4	Indentation Techniques in Nuclear Applications: A Review Paper J. Spino*, W. Goll° and E.H.Toscano_(CEC ITU Karlsruhe, Germany)
16:50	3.5	Quantitative Burnup Determination: A comparison of Different Experimental Methods C. Devida, M. Betti, E.H.Toscano* and W. Goll° (CEC ITU Karlsruhe, Germany)
17:10	3.6	Scanning Electron Microscopy Analysis of CRUD-material in the PSI-Hotlab <u>Roland Brüttsch</u> , Didier Gavillet (PSI Villigen, Switzerland)
17:30		Steering committee meeting (restricted to members)
19:00		<i>Dinner</i>
20:00		WP1, WP2 and WP3 Core Team meetings (restricted to members)

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08:30	3.7	Possibilities and Prospects of Irradiated Constructional and Fuel Materials Investigation with Application of Scanning Electron Microscope PHILIPS XL 30 ESEM-TMP Installed in the Hot Cell Victor Golovanov, Andrey Novoselov, Sergey Kuzmin, <u>Valery Jakovlev</u> (SCC-RIAR Dimitrovgrad, Russia)
08:50	3.8	New Possibilities in Investigation of Isotope Distribution in Irradiated Absorbing Materials Using SIMS Method Yury Goncharenko, <u>Leonid Evseev</u> , Vladimir Riosvany (SCC-RIAR Dimitrovgrad, Russia)
09:10	3.9	Versatile Equipment for Mechanical Testing of Active Materials <u>Johannes Bertsch</u> , Peter Heimgartner (PSI Villigen, Switzerland)
09:30	3.10	Dead weight equipment to perform creep measurements on highly irradiated beryllium <u>M. Scibetta</u> , Antonio Pellettieri, Paul Wouters (SCK-CEN Mol, Belgium)
09:50	3.11	Post-irradiation characterization of zirconia- and spinel-based inert matrix fuels – the OTTO experiment <u>Geert-Jan De Haas</u> , Frodo Klaassen, Ronald Schram, Gerrit Dassel, Rohen Schuring, Christian Hellwig (PSI-Switzerland), Toshiyuki Yamashita (JAERI Japan) (NRG Petten, The Netherlands)
10:10		Discussions
Session 4:	Paper no:	Refurbishment and decommissioning <i>Chairpersons: Javier. Quinones (Ciemat Madrid, Spain) Rikard Källström (Studsvik Nuclear AB, Sweden)</i>
10:50	4.1	LECA Refurbishment or How to Get Ready for the Next Ten Years François Boussard, Dominique Bois, <u>Jean-Yves Blanc</u> (CEA Saclay, France)
11:10	4.2	Cleaning and dismantling of a high activity laboratory <u>Thierry Breudel</u> , Alain Buzare (CEA, France)
11:30	4.3	The new Shielded Metallography Box in Paul Scherrer Institut Hot Laboratory <u>Didier Gavillet</u> , Andreas Urech (PSI Villingen, Switzerland)
11:50	4.4	The molybdenum production facility and its relationship with NRG <u>Mark Huntelaar</u> , Lars Roobol (NRG Petten, The Netherlands)
12:10	4.5	Roadmap and Performance carried out during Ciemat Site Decommissioning <u>Javier Quinones</u> , Jose Luis Diaz (Ciemat Madrid, Spain)
12:30		<i>Lunch</i>
13:30	4.6	Taking into account seismic risk on glove boxes <u>Marie Ladurelle</u> (CEA/DEN/DEC/SPUA, France)
13:50	4.7	Facilities and Capabilities to support the UK Nuclear Industrie – the Way Ahead Robert Williamson (BNFL, Windscale, UK)
14:10		Discussions

Session 5:	Paper no:	Waste and transport <i>Chairpersons: Lars P. Roobol (NRG, Netherlands) & . Pascal Bros (CEA, France)</i>
14:30	5.1	Pyrometallurgical Separation Processes of Radionuclides contained in the Irradiated Nuclear Fuel Guadalupe de Cordoba, Concha Caravaca, <u>Javier Quinones</u> , Ángel Gonzalez de la Huebra (Ciemat Madrid, Spain)
14:50	5.2	Scope on dissolution studies and characterisation of irradiated nuclear fuel in Atalante Hot Cell Facilities <u>Jean-Philippe Dancausse</u> , Nathalie Reynier Tronche, Gilles Ferlay, Nathalie Herlet, Catherine Eysseric, Eric Esbelin (CEA/DEN/DRCP/SE2A/LEHA, France)
15:10	5.3	Management of Hot Cell Waste in Atalante Facilities <u>Jean-Philippe Dancausse</u> , Gilles Ferlay, Catherine Eysseric (CEA/DEN/DRCP/SE2A/LEHA, France)
15:30		<i>Coffee Break</i>
15:50	5.4	Recovery of Spent High Intensity Neutron Sources in Atalante Facility <u>Pascal Bros</u> (CEA/DEN/VRH/DRCP/SE2A, France)
16:10	5.5	Handling and Behaviour of AVR Fuel Elements in the Interim Storage of the FZJ <u>Hardi Krumbach</u> (Research-Center Jülich, Germany)
16:30		Discussions
18:00		<i>Bus departure for Fredriksten Fortress & conference dinner</i>
23:00		<i>Return</i>