

## AGENDA

Technical Meeting on Lessons Learned from the RRRFR Programme, Sevastopol, Ukraine  
12-14 June 2013

*Last update: 2013-06-07*

Tuesday, 11 June 2013	
	<b>Arrival and registration</b>
17:00–19:00	Registration
19:00–21:00	Welcome reception (snack and drink) hosted by R&D Sosny (RF)
Wednesday, 12 June 2013	
<b>Session 3</b>	<b>Country reports (fresh and spent shipments since May 2012 and status overview)</b> Chairperson: A. Ubeev
9:00–9:10	Opening and Announcements – Chairperson
9:10–9:30	U.S. Salikhbaev (INP, Tashkent, Uzbekistan): Final Shipment of HEU SFA from WWR-SM Reactor of INP AS RU (S3-1)
9:30–9:50	L. Bak (Radiological Waste management Plant, Svierk, Poland): Poland Country Report – Shipment No.6, and Problems Faced within 6 Shipments from Poland (S3-2)
9:50–10:10	I. Vidovszky (EK, Budapest, Hungary): Status Report of the Budapest Research Reactor Hungary (S3-3)
10:10–10:30	J. Rychecký (UJV Rez, Czech Republic): Country Report: Czech SNF HEU Shipment No. 2, LVR15 Reactor Operation after HEU LEU Conversion (S3-4)
10:30–11:00	Break
11:00–11:20	S. A. Polazau (JIPNR-Sosny, Minsk, Belarus): The Application of HEU/LEU Fuel Shipment Experience under RRRFR Programme for the Purposes of Development of N&R Safety Documents and the Belarus NPP Project Appraisal (S3-5)
11:20–11:40	I. Dimitrov (INRNE, Sofia, Bulgaria): Bulgarian Country Report - Status Overview (S3-6)
11:40–12:00	D.A. Nakipov (INP, Almaty, Kazakhstan): HEU Minimization Activities at WWR-K Research Reactor (S3-7)
12:00–14:00	Lunch
<b>Session 0</b>	<b>Welcome Session</b> Chairperson: S. Tozser
14:00–14:10	A. Bychkov (IAEA): IAEA Opening Address (S0-1)
14:10–14:20	Vasyl Slisenko (Head of Local Organization Committee, Deputy director of KINR): Welcome Address (S0-2)
14:20–14:30	Vladimir Kiriyaenko (Director of the Institute of Nuclear Energy and Industry of Sevastopol National University): Welcome Address (S0-3)
<b>Session 1</b>	<b>General Status of the RRRFR Program</b> Chairperson: S. Tozser
14:30–14:45	A. Bieniawski (NNSA): GTRI Status and Future Directions (S1-1)
14:45–15:00	I. Kamenskikh (Rosatom): Russian Federation Support of RRRFR (S1-2)
15:00–15:15	S. Dickerson (NNSA): Roadmap for HEU Removal (S1-3)
15:15–16:00	Break - <b>GROUP PHOTO</b>
<b>Session 2</b>	<b>Status of the RRRFR Program in Russia</b> Chairperson: S. Moses
16:00–16:20	A. Buchelnikov (Rosatom): Rosatom's Role in the Safety of the RRRFR Program (S2-1)
16:20–16:40	I. Bolshinsky (INL): RRRFR Program Status (S2-2)
16:40–17:00	A. Pimenov (FCNRS): Activities of FSUE “FCNRS” Authorized by the Russian Federation to Ensure Importation of Foreign Reactors SFA (Outcomes of 2012, Plans for 2013) (S2-3)
17:00–17:20	A. Anisimov (LUCH, RF): Fresh HEU Fuel and Fuel Materials Repatriation to Russia and Further Conversion into LEU. Practical Experience and Results of “LUCH” (S2-4)
17:20–17:40	A. Enin (NCCP, Novosibirsk): Shipping Packages for Transportation of RR Fuel Assemblies (S2-5)
17:40	Adjourn
19:30–19:50	Dinner at the Hotel hosted by IAEA

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<b>Thursday, 13 June 2013</b>	
<b>Session 3</b> <i>Cont'd</i>	<b>Country reports (fresh and spent shipments since May 2011 and status overview)</b> Chairperson: J. Dewes
9:00–9:20	J. Malnacs (Institute of Nuclear Medicine Centre, Riga, Latvia): Development perspectives of Salaspils RR facility after repatriation of SNF. Latvia (S3-8)
9:20–9:40	O. Ermih (TNRC, Tajura, Libya): The Reactor Situation after the Revelation and the Last Operation on the Year 2013 (S3-9)
9:40–10:00	L. Biro (CNCAN, Bucharest, Romania): Regulatory Approach for RRRFR Programme Implementation in Romania (S3-10)
10:00–10:20	M. Mladenovic (PCNFS, Belgrade, Serbia): Pre-decommissioning Activities at the RA Research Reactor (S3-11)
10:20–11:00	Break
11:00–11:20	V. Makarovskiy (KINR, Kiev, Ukraine): Status of WWR-M Research Reactor after HEU Fuel Shipment to RF (S3-12)
11:20–11:40	N.N. Dien (NRI, Dalat, Vietnam): Status of HEU SNF Shipment from Vietnam to the Russian Federation (S3-13)
11:40–12:00	M. El-Koliel (ETRR-1 Inshass-Cairo, Egypt): Current Status of SNF in Russian Research Reactor (S3-14)
12:00–14:00	Lunch
<b>Session 4</b>	<b>Support Organization Reports</b> Chair Person: K. Allen
14:00–14:20	IAEA (safeguards) (S4-1)
14:20–14:40	A. Ubeev (IAEA): Key Nuclear Security Aspects related to HEU Repatriation Projects (S4-2)
14:40–15:00	S.V. Komarov (Sosny, Dimitrovgrad, RF): Type C Package: Handling and Prospect of Use (S4-3)
15:00–15:20	A. Gulyayanovskiy (Volga-Dnepr, Ulyanovsk, RF): Safety Assurance during Dangerous Goods Air Transportations (S4-4)
15:20–15:40	E. Ovsyannikov (Aspol-Line, RF): Aspol Baltic Cooperation Support of RRRFR Programme (S4-5)
15:40–16:10	Break
<b>Session 5</b>	<b>Cask and Support Equipment Issues</b> Chairperson: M. Tyacke
16:10–16:30	A.N. Dorofeev (Sosny, Dimitrovgrad, RF): Procedure for Handling DNRI Research Reactor (Vietnam) SNF to Provide its Shipment to Russian Federation for Reprocessing (S5-1)
16:30–16:50	M. Budu (Sosny, Moscow, RF): Air Shipments of Research Reactor Spent Nuclear Fuel (S5-2)
16:50–17:10	J. Podlaha (UJV Rez, Czech Republic): Support of the UJV Rez, a.s. in Shipments of SNF to the Russian Federation (S5-3)
<b>Session 6</b>	<b>Other Topics and TM Summary</b> Chairperson: I. Bolshinsky
17:10–17:30	T. Kirilova (JSC 'Foton'): IIN-3M "FOTON" Research Reactor Decommissioning (S6-1)
17:30–17:50	S.V. Komarov (Sosny, Dimitrovgrad, RF): Assessment of Feasibility to Remove Liquid Fuel under RRRFR Programme (S6-2)
17:50	Adjourn
19:30–22:00	Dinner hosted by KINR

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Friday, 14 June 2012	
Session 6 Cont'd	Other Topics and TM Summary Chairperson: I. Bolshinsky
9:00–9:20	I. Nakliudov (NSC KIPT): Status of the Neutron Source Facility in Kharkov Institute (S6-3)
9:20–9:40	I. Ushakov (NSC KIPT): Research Programme of the Neutron Source Facility in Kharkiv Institute of Physics and Technology (S6-4)
9:40–10:00	A.A. Ivashchenko (Sosny, Dimitrovgrad, RF): Experience in Design and Fabrication of the Equipment and Systems for the Nuclear Subcritical Assembly Driven by Linear Electron Accelerator (S6-5)
10:00–10:30	Break
10:30–10:50	H. Kiyavitskaya (JIPNR-Sosny, Minsk, Belarus): Nuclear Safety at YALINA facility (S6-6)
10:50–11:10	S. Sikorin (JIPNR-Sosny, Minsk, Belarus): Results and Plans Experiments on Criticality of Multiplying Systems with UZrCN (S6-7)
11:10–11:30	G. Krzysztoszek (NCBJ, Swierk, Poland): Irradiation testing of LEU Fuel MR-type in MARIA (S6-8)
11:30–11:50	S. Tozser (IAEA): Feedback / Comments of Workshop/Review Action Items / Closing Remarks (S6-9)
11:50	Adjourn
11:50–14:00	Lunch
14:00–17:00	Technical tour to Sevastopol RR
End of the Technical Meeting	

## Abbreviations

ADS	Accelerator Driven System
ANL	Argonne National Laboratory, United States
ASPOL Baltic	ASPOL Baltic Corporation, Russia
CNCAN	National Commission for Nuclear Activities Control, Bucharest, Romania
DNRI	Nuclear Research Institute, Dalat, Vietnam
EK	Centre of Energy Research, Hungarian Academy of Sciences, Budapest, Hungary (former AEKI)
ET-RR-1	First Egyptian Research reactor, Inshass, Egypt
FCNRS	Federal Centre for Nuclear and Radiation Safety, Russia
IAEA	International Atomic Energy Agency, Austria
INL	Idaho National Laboratory, United States
INP	Institute of Nuclear Physics Academy of Sciences of Uzbekistan, Tashkent, Uzbekistan
JIPNR-Sosny	Joint Institute of Power and Nuclear Research "Sosny", Minsk, Belarus
JSC Foton	Joint Stock Company Foton, Tashkent, Uzbekistan
JSI	Josef Stefan Institute, Ljubljana, Slovenia
KINR	Institute for Nuclear Research, Kiev, Ukraine ( <i>Host Organization</i> )
MARIA	MARIA Research Reactor, Swierk, Poland
Mayak	Federal State Unitary Enterprise "Mayak" Production Association, Ozersk, Russia
NCBJ	National Centre for Nuclear Research, Swierk, Poland
NCCP	Novosibirsk Chemical Concentrates Plant, Novosibirsk, Russia
NFCSD	Nuclear Fuel Cycle Safety Department, Nuclear & Radiological Regulatory Authority, Cairo Egypt
NNSA	U.S. Department of Energy National Nuclear Security Administration, United States
NSC KIPT	National Science Centre "Kharkov Institute of Physics and Technology", Kharkov, Ukraine
PCNFS	Public Company Nuclear Facilities of Serbia, Belgrade, Serbia
R&D Sosny	Research and Development Company 'Sosny', Russia
RDC-VVD	Radiation Safety Centre of the State Environmental Service, Riga, Latvia
Rosatom	State Atomic Energy Corporation "Rosatom", Russia
RR	Research Reactor
RWMP	Radioactive Waste Management Plant, Swierk

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TNRC	Tajura Nuclear research centre, tajura, Lybia
TVEL	Fuel Company of ROSATOM, Moscow, Russia
UJV Rez	Nuclear Research Institute Rez, Czech Republic (former NRI)
US DOE	U.S. Department of Energy Idaho Branch Office, United States
Volga-Dnepr	Volga-Dnepr Airlines, Russia

*Prepared by: S. Tozser (IAEA)*