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TIMETABLE

SUNDAY, 7 NOVEMBER 2004

16:00–18:00 Registration
18:00–19:30 Welcome Reception

MONDAY, 8 NOVEMBER 2004

08:30–08:50 Opening
08:55–10:10 **Session 1:**
National and International Programmes
10:10–10:35 Coffee Break
10:35–11:50 **Session 1 (cont'd)**
12:00 Photo
12:40–14:00 Lunch Break
14:00–15:40 **Session 2:**
Fuel Development
15:40–16:05 Coffee Break
16:05–18:10 **Session 3:**
Fuel Testing

TUESDAY, 9 NOVEMBER 2004

08:30–10:10 **Session 3 (cont'd)**
10:10–10:35 Coffee Break
10:35–11:50 **Session 4:**
Fuel Fabrication
11:50–12:40 **Session 5:**
Modelling
12:40–14:00 Lunch Break
14:00–14:25 **Session 5 (cont'd)**
14:25–15:40 **Session 6:**
Conversion Studies and Licensing
15:40–16:05 Coffee Break
16:05–18:35 **Session 6 (cont'd)**

WEDNESDAY, 10 NOVEMBER 2004

08:30–09:45 **Session 6 (cont'd):**
Conversion Studies and Licensing
09:45–10:10 Coffee Break
10:10–11:25 **Session 6 (cont'd)**
11:25–12:40 **Session 7:**
New and Converted Reactors
12:40–14:00 Lunch Break
14:00–15:40 **Session 7 (cont'd)**
15:40–16:05 Coffee Break
16:05–18:10 **Session 8:**
Spent Nuclear Fuel Management

THURSDAY, 11 NOVEMBER 2004

08:30–09:45 **Session 8 (cont'd):**
Spent Nuclear Fuel Management
09:45–10:10 Coffee Break
10:10–11:30 **Session 9:**
99Mo Production
11:30–12:40 **Poster Session**
12:40–14:00 Lunch Break
14:00–15:40 **Session 9 (cont'd)**
15:40–16:05 Coffee Break
16:05 **Round Table Discussion**
19:00 **Conference Dinner**

FRIDAY, 12 NOVEMBER 2004

Scientific Visits: Atominstitut, Vienna
Budapest Research Reactor

SUNDAY, 7 NOVEMBER 2004

16:00–18:00 **Registration**
18:00–19:30 **Welcome Reception**

MONDAY, 8 NOVEMBER 2004

08:30–08:40 **Opening Address:**
Yury Sokolov
Deputy Director General
Department of Nuclear Energy
International Atomic Energy Agency

08:40–08:50 **Opening Address:**
Steven Black
Chief Operating Officer for the
United States Department of Energy's Office
of Defense Nuclear Nonproliferation

08:55–11.50 **SESSION 1:**
National and International Programmes

Chairpersons: **A. Travelli, P. Adelfang**

<i>Time</i>	<i>Name</i>	<i>Country/Organization</i>	<i>Title of Paper</i>
8:55	A. Travelli	United States	Status and Progress of the RERTR Program in the Year 2004
9:20	P. Adelfang	IAEA	IAEA Activities Related to Research Reactor Fuel Conversion and Spent Fuel Return Programs
9:45	C.E. Messick	United States	The United States Foreign Research Reactor Spent Nuclear Fuel Acceptance Program: Program Extension
10:10–10:35	Coffee Break		
10:35	H. Taboada	Argentina	2004 Status of RERTR Activities in CNEA-Argentina
11:00	K. Shimizu	Japan	Status of Reduced Enrichment Program for Research Reactor in Japan
11:25	M.I. Ripley	Australia	Progress with the Australian replacement research reactor
12:00	PHOTO		
12:40–14:00	Lunch Break		

MONDAY, 8 NOVEMBER 2004

14:00–15:40 **SESSION 2:
Fuel Development**

Chairpersons: **M.K. Meyer, P. Lemoine**

<i>Time</i>	<i>Name</i>	<i>Country/Organization</i>	<i>Title of Paper</i>
14:00	M.K. Meyer	United States	The Next Ten Years of Rertr Fuel Development
14:25	G.L. Hofman	United States	Post-Irradiation Analysis of low enriched U-MO/Al Dispersions Fuel Miniplate Tests, RERTR 4 and 5
14:50	P. Lemoine	France	French Development and Qualification Programs for the Jhr Project Fuel Element
15:15	J. Chávez	Chile	RECH-1 Test Fuel Irradiation
15:40–16:05	Coffee Break		

16:05–18:10 **SESSION 3:
Fuel Testing**

Chairpersons: **D. Sears, C.K. Kim**

16:05	D. Sears	Canada	Development and Irradiation Testing of UMo Fuel at AECL
16:30	J.M. Chaussy	France	MTR Fuel Plate Qualification In Osiris Reactor
16:55	C. Döderlein	France	The VALMONT Experimental Programme for the Neutronics Qualification of the Umo/Al Fuel for the Jules-Horowitz-Reactor
17:20	H.T. Chae	Korea, Republic of	Irradiation Performance of U3Si LEU Fuels in HANARO
17:45	A.J. Kuperman	United States	GTRI and Conversion of Isotope Production to LEU Targets

TUESDAY, 9 NOVEMBER 2004

8:30–10:10 **SESSION 3 (cont'd):
Fuel Testing**

Chairpersons: **D. Sears, C.K. Kim**

<i>Time</i>	<i>Name</i>	<i>Country/Organization</i>	<i>Title of Paper</i>
8:30	C.K. Kim	Korea, Republic of	Pie of the 2nd Irradiation Test (KOMO-2) for Atomized U-MO Dispersion Rod Fuels in Kaeri
8:55	G. Kirsanov	Russian Federation	Course of Pin Fuel Test In WWR-M Reactor Core
9:20	J.M. Park	Korea, Republic of	An Investigation on the Irradiation Behavior of Atomized U-Mo/Al Dispersion Rod Fuels
9:45	M.E. Hassler	United States	Y-12 Product Improvements Expected To Reduce Metal Production Costs And Decrease Fabrication Losses

10:10–10:35 **Coffee Break**

10:35–11:50 **SESSION 4:
Fuel Fabrication**

Chairpersons: **J. Snelgrove, E. Pasqualini**

10:35	C.R. Clark	United States	Update on Fuel Fabrication Development at Argonne National Laboratory
11:00	E. Pasqualini	Argentina	Improving the Performance of U-Mo Fuels
11:25	M. Mirandou	Argentina	Reaction Layer between U-7WT%MO and AL ALLOYS in Chemical Diffusion Couples

11:50–12:40 **SESSION 5:
Modelling**

Chairpersons: **J. Rest, H. Taboada**

11:50	J. Rest	United States	A Microstructurally-Based Model for the Evolution of Irradiation
12:15	H. Taboada	Argentina	Thermomechanical Dart Code Improvements for LEU VHD Dispersion and Monolithic Fuel Element Analysis

12:40–14:00 **Lunch Break**

TUESDAY, 9 NOVEMBER 2004**14:00–14:25 SESSION 5 (cont'd):
Modelling****Chairpersons: J. Rest, H. Taboada**

<i>Time</i>	<i>Name</i>	<i>Country/Organization</i>	<i>Title of Paper</i>
14:00	S.L. Hayes	United States	Enhancements to the Plate Fuel Performance Code for Analyzing Full-Size and Monolithic Fuel Plates

**14:25–18:55 SESSION 6:
Conversion Studies and Licensing****Chairpersons: J. Matos, J. Kysela**

14:25	N.A. Hanan	United States	Analyses for Inserting Fresh LEU Fuel Assemblies Instead of Fresh HEU Fuel Assemblies in the Dalat Nuclear Research Reactor in Vietnam
14:50	T. Apostolov	Bulgaria	Progress in Joint Feasibility Study of Conversion from HEU to LEU
15:15	S.V. Chekushina	Kazakhstan	Feasibility Study of the WWR-K Reactor Conversion to Low-Enriched Fuel

15:40–16:05 Coffee Break

16:05	J. Liaw	United States	Feasibility Study for LEU Conversion of the WWR-K Reactor at the Institute of Nuclear Physics in Kazakhstan Using a 5-Tube Fuel Assembly
16:30	J. Matos	United States	Preliminary Feasibility Study for LEU Conversion of the 10 MW IRT-1 Reactor at the Tajoura Nuclear Research Center in Libya
16:55	A.B. Rakhmanov	Uzbekistan	Prospects for Conversion of WWR-SM Research Reactor in Uzbekistan
17:20	F. J. Wijtsma	The Netherlands	Status report on the HFR conversion and relicensing project"
17:45	M. Albarhoum	Syrian Arab Rep.	Core Configuration of the Syrian reduced enrichment fuel MNSR
18:10	Ş. Kaya	Turkey	Differences of Using LEU and HEU separately or together in a Research Reactor

WEDNESDAY, 10 NOVEMBER 2004

**8:30–11:50 SESSION 6 (cont'd):
Conversion Studies and Licensing**

Chairpersons: N.A. Hanan, Y.P. Mahlers

<i>Time</i>	<i>Name</i>	<i>Country/Organization</i>	<i>Title of Paper</i>
8:30	L. Kysela	Czech Republic	Lvr-15 Reactor Performance and Transformation to Low Enriched Fuel
8:55	T. Newton	United States	Flux Enhancement Options for an LEU-Fueled MIT Reactor
9:20	S. Chigrinov	Belarus	Nuclear Facility of The of the National Academy of Sciences on the Basis High Enriched Uranium

09:45–10:10 Coffee Break

10:10	Y. Gohar	United States	Accelerator-Driven Subcritical Assembly: Concept Development and Analyses
10:35	P.L. Garner	United States	Use of Computational Fluid Dynamics (CFD) Tools for Fuel Assembly Analysis
11:00	Y.P. Mahlers	Ukraine	Safety Analysis of the WWR-M Reactor in Ukraine to Allow Operation Using LEU Fuel

**11:25–12:40 SESSION 7:
New and Converted Reactors**

Chairpersons: M. Ripley, C. Piani

11:25	S. Pervez	Pakistan	Performance of PARR-1 with LEU fuel
11:50	A. Glaser	Germany	Monolithic Fuel and High-Flux Reactor Conversion

12:40–14:00 Lunch Break

WEDNESDAY, 10 NOVEMBER 2004**14:00–15:40 SESSION 7 (cont'd):
New and Converted Reactors****Chairpersons: M. Ripley, C. Piani**

<i>Time</i>	<i>Name</i>	<i>Country/Organization</i>	<i>Title of Paper</i>
14:00	A. Röhrmoser	Germany	Reduced Enrichment Program for FRM-II
14:25	C. Piani	South Africa	Research Reactor Utilisation: A Justification for Existence?
14:50	E. Parker	United States	The Renewed Spirit of Y-12
15:15	F.N. von Hippel	United States	The Need to Address the Larger Universe of HEU-Fuelled Reactors, Including Critical Assemblies, Pulsed Reactors and Propulsion Reactors

15:40–16:05 Coffee Break**16:05–18:10 SESSION 8:
Spent Nuclear Fuel Management****Chairperson: H. Böck, A. Smirnov**

16:05	A. Smirnov	Russian Federation	Technical, Economic and Legal Aspects of Transportation RR SNF of Russian Origin in Russia
16:30	C. Anne	United States	Successful Completion of a Time Sensitive MTR and TRIGA® Indonesian Shipments
16:55	M.A. Audero	Argentina	Management of Leu Aluminum-Clad Spent Fuel in Argentina
17:20	D. Ohayon	France	Logistics of the Research Reactor Fuel Cycle AREVA Solutions
17:45	H. Peacock	USA	A Mobile Melt-Dilute Module for the Treatment of Aluminium Research Reactor Spent Fuel

THURSDAY, 11 NOVEMBER 2004

8:30–09:45 **SESSION 8 (cont'd):
Spent Nuclear Fuel Management**

Chairperson: **H. Böck, A. Smirnov**

<i>Time</i>	<i>Name</i>	<i>Country/Organization</i>	<i>Title of Paper</i>
8:30	H. Böck	Austria	Research Reactors in Austria –Present Situation
8:55	A.J. Soares	Brazil	Management of Spent Fuel From Research Reactors – Brazilian Progress Report (Within the Framework of the IAEA Regional Project RLA-4/018)
9:20	E.S. Lyman	United States	Extending the Foreign Spent Fuel Acceptance Program Policy and Implementation Issues
9:45–10:10	Coffee Break		
10:10–11:30	SESSION 9: ⁹⁹Mo Production		
Chairpersons:	Z.L. Kolar, G.F. Vandegrift		
10:10	G.F. Vandegrift	United States	ANL Progress on the Cooperation with CNEA for the Mo-99 Production: Base-Side Digestion Process
10:35	A.J. Bakel	United States	Thermoxid Sorbents for the Separation and Purification of ⁹⁹ MO
11:00	J.L. Falgoux	France	Status of Mo 99 Production Using LEU Targets
11:30	POSTER SESSION	CO4	
12:40–14:00	Lunch Break		

THURSDAY, 11 NOVEMBER 2004

14:00–15:40 **SESSION 9 (cont'd):
99Mo Production**

Chairpersons: **Z.L. Kolar, G.F. Vandegrift**

<i>Time</i>	<i>Name</i>	<i>Country/Organization</i>	<i>Title of Paper</i>
14:00	D.B. Lee	Korea, Republic of	Development of the Fabrication Technology of Wide Uranium Foils for Mo-99 Irradiation Target by Cooling-roll Casting Method
14:25	Z.L. Kolar	Netherlands	Making of Fission 99Mo From LEU Silicide(s): a Radiochemists View
14:50	R. Brown	United States	TCl's Plans for Mo99
15:15–15:40	Coffee Break		

15:40 **ROUND TABLE DISCUSSION**

19:00 **CONFERENCE DINNER**

FRIDAY, 12 NOVEMBER 2004

Scientific Visits: **Atominstitut, Vienna
Budapest Research Reactor**