

Agenda

12th GIF-IAEA Interface Meeting (EVT1704693)

IAEA Headquarters, Vienna. 26-27 March 2018

Meeting Room: MOE100

Day 1 – Monday, 26 March

<i>Time</i>	<i>Topic</i>	<i>Presenters</i>
09:30	Session I: Opening Session	
5 min	Welcoming Address by NE DDG	Mr Mikhail Chudakov (I)*
5 min	Opening Remarks by GIF vice chair for external cooperation	Mr Francois Storrer (G)
10 min	Self-Introduction of Participants, Appointment of Meeting Chair & Approval of the Agenda	All
09:50	Session II: Innovative Reactor Systems:	
20 min	GIF General information and status of the system arrangements	Mr Henri Paillere (G)
20 min	Summary of Technical Achievements (GFR, MSR, LFT and SCWR)	Mr Alexander Stanculescu (G)
20 min	IAEA General information on NE activities related to innovative nuclear systems	Mr Stefano Monti (I) NENP
10:50	<i>Coffee break and PHOTO</i>	<i>All</i>
11:10	SFR – Sodium-cooled fast reactors	
15 min	Update on GIF SFR R&D activities (including System Integration & Assessment project)	Mr Hiroki Hayafune (G) SFR SSC
15 min	Update on SFR SDC and SDG work	Mr Shigenobu Kubo (G) SDC TF
15 min	Overview of IAEA activities on SFR	Mr V. Kriventsev (I) NPTDS
15 min	Assessments using INPRO methodology & key indicators	Mr Jon Philips (I) INPRO
12:10	(V)HTRs – High Temperature Reactors	
20 min	Update on GIF activities on (V)HTR including assessment studies, demo projects and market issues	Mr M Fuetterer (G) (V)HTR SSC
15 min	Update on IAEA activities on HTGR including the CRP on mHTGR Safety Design (I31020)	Mr Frederik Reitsma (I) NPTDS
12:45	<i>Lunch break</i>	
14:00	Session III: Discussions on Technical Collaboration	
20 min	NSNI Priorities related to Advanced Nuclear Designs	Ms Cornelia Spitzer, SH Safety Assessment Section
	Cooperation activities on Reactor Systems / Technical exchanges and safety related issues on	All
10 min	– SFR Safety design requirements	All
10 min	– mHTR / VHTR Safety Design Requirement	All
20 min	– Other systems (LFR, MSRs, ...: R&D and Safety Approach)	All

*Comments and presentations: (I) = IAEA Staff, (G) = GIF Member State representative

15:00	SMR: Technology safety drivers and related methodology work.	
20 min	GIF Risk and Safety working Group Update on ISAM Implementation and System Safety Assessments	Mr Tanju Sofu (G) RSWG
15 min	SMR and EPZ issues (CRP I31029 on Development of Approaches, Methodologies and Criteria for Determining the Technical Basis for Emergency Planning Zone for Small Modular Reactor Deployment)	Mr Ramon de la Vega (I) NSNI/SAS
15 min	Discussion on proposals for cooperation	All
15:50	<i>Coffee break</i>	
16:10	Future NPP market environment	
20 min	White paper by EMWG on nuclear and renewables	Mr Ramesh Sadhankar (G) EMWG
20 min	IAEA activities/ methodology work & scenario studies (Include input of activities of PESS/NPTDS and INPRO on NEST II)	Ms Alik van Heek (I) PESS
20 min	Discussion on proposals for cooperation	All
17:10	Education and Training	
15 min	GIF education and training TF	Mr Alexander Stanculescu (G)
15 min	IAEA activities on education and training (Include information on SFR, HTGRs and INPRO training)	Mr Mikhail Khoroshev, (I) NPTDS
20 min	Discussion on proposals for cooperation	All
18:00	<i>Meeting adjourned</i>	

<i>Day 2 – Tuesday, 27 March</i>		
<i>Time</i>	<i>Topic</i>	<i>Presenters</i>
09:00	Session III con't: Discussions on Technical Collaboration	
09:00	Infrastructure Common initiatives on nuclear R&D infrastructures supporting innovative (GEN-IV) nuclear systems	
15 min	GIF TF on research infrastructures (identification of gaps)	Mr Alexander Stanculescu (G)
15 min	IAEA data base on research infrastructures, ICERR initiative, validation/benchmark of simulation tools	Mikhail Khoroshev (I) NPTDS
30 min	Discussion on proposals for cooperation	All
10:00	<i>Coffee break</i>	
10:30	Session IV: GIF-IAEA cooperation matrix	
30 min	Discussion on priorities for the bilateral cooperation and involved parties	All
40 min	Review of current status / Add new cooperation activities	All
15 min	Extension of cooperation: Agree on content of letter to be sent to DDG-NE	All

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12:00	Session V: Closing session	
12:00	Actions from this meeting	All
12:15	Closing remarks - IAEA - GIF	Mr Dohee Hahn (I) Mr Francois Storrer (G)
12:30	<i>Meeting adjourned</i>	

List of participants

#	Name	Role / Email	GIF/IAEA/ Member State
1	Mr STORRER, Francois	GIF Policy Director, CEA Saclay, France francois.storrer@cea.fr	GIF France
2	Mr STANCULESCU, Alexander	GIF Technical Director Idaho National Laboratory, USA Alexander.Stanculescu@inl.gov	GIF USA
3	Mr PAILLERE, Henri	GIF Technical Secretariat OECD/NEA henri.paillere@oecd.org	GIF France
4	Mr SADHANKAR, Ramesh	EMWG ramesh.sadhankar@cnl.ca	GIF Canada
5	Mr ALEMBERTI, Alessandro	LFR Alessandro.Alemberti@ann.ansaldoenergia.com	GIF Italy
6	Mr HAYAFUNE, Hiroki	SFR SDC TF Japan Atomic Energy Agency hayafune.hiroki@jaea.go.jp	GIF Japan
7	Mr SAGAYAMA, Yutaka	RSWG and SFR SDC TF Assistant to the President Japan Atomic Energy Agency sagayama.yutaka@jaea.go.jp	GIF Japan
8	Mr KUBO, Shigenobu	RSWG and SFR SDC TF Advanced Fast Reactor Cycle System R&D Center Japan Atomic Energy Agency (JAEA) kubo.shigenobu@jaea.go.jp	GIF Japan
9	Mr HORI, Keiichiro	GIF/PRPP-WG Director, JAEA Vienna Office hori.keiichiro@jaea.go.jp	GIF Japan
10	Mr IGNATIEV, Victor	MSR Ignatev_VV@nrcki.ru	GIF Russian Federation
11	Mr ASHURKO, Iurii	EG member for Russia ashurko@ippe.ru	GIF Russian Federation
12	Mr SOFU, Tanju	RSWG Argonne National Laboratory, USA tsofu@anl.gov	GIF USA
13	Mr FUETTERER, Michael	VHTR Michael.FUETTERER@ec.europa.eu	GIF JRC-EC / Netherlands
14	Mr COJAZZI, Giacomo	Co-Chair of GIF-PRPPWG giacomo.cojazzi@ec.europa.eu	GIF JRDC-EC / Italy
15	Mr CHUDAKOV, Mikhail	DDG and Head on NE M.Chudakov@iaea.org	IAEA-NE
16	Mr HAHN, Dohee	Director Nuclear power (NENP)	IAEA-NENP

		D.Hahn@iaea.org	
17	Ms SPITZER, Cornelia	Section Head Safety Assessment Section C.Spitzer@iaea.org	IAEA-NSNI
18	Mr MONTI, Stefano	SH NPTDS (Nuclear power technology development) S.Monti@iaea.org	IAEA NENP
19	Mr PHILLIPS, Jon Rowan	SH-INPRO J.R.Phillips@iaea.org	IAEA NENP
20	Mr CARLSON, Donald	INPRO / (V)HTGR Safety D.Carlson@iaea.org	IAEA NENP INPRO
21	Mr KHOROSHEV, Mikhail	Fast reactor technology development M.Khoroshev@iaea.org	IAEA NENP NPTDS
22	Mr KIM, Bongsoo	Scientific Secretary INPRO B.Kim@iaea.org	IAEA NENP INPRO
23	Mr KRIVENTSEV, Vladimir	Project lead: Fast reactor technology development V.Kriventsev@iaea.org	IAEA NENP NPTDS
24	Mr KUZNETSOV, Vladimir	INPRO V.Kuznetsov@iaea.org	IAEA NENP INPRO
25	Mr de LA VEGA, Ramon	Emergency Preparedness Coordinator R.I.De-La-Vega@iaea.org	IAEA-NS SAS
26	Mr REITSMA, Frederik	Scientific Secretary (V)HTGR and MSR technology development F.Reitsma@iaea.org	IAEA NENP NPTDS
27	Ms VAN HEEK, Aliko	Unit Head (3E Analysis), NEPK A.vanHeek@iaea.org	IAEA NEPK PESS
28	Mr YLLERA, Javier	Senior Nuclear Safety Officer, NSNI J.Yllera@iaea.org	IAEA-NSNI

SFR Safety Design Criteria Task Force (SFR SDC TF).
Nuclear Technology Development Section (NPTDS)
Nuclear Safety of Nuclear Installations (NSNI)

Risk and Safety Working Group (RSWG)
Nuclear Power Division (NENP)
Nuclear Safety (NS); Nuclear Energy (NE)

Responsible officers:

Scientific Secretaries:

Mr **Frederik Reitsma**

Email: F.Reitsma@iaea.org

Mr **Bongsoo Kim**

Email: B.Kim@iaea.org

Division of Nuclear Power
Department of Nuclear Energy
International Atomic Energy Agency
Vienna International Centre
PO Box 100
1400 VIENNA
AUSTRIA

Administrative assistance is being provided by:

Ms **Marina Gam**

Nuclear Power Technology Development Section

Division of Nuclear Power

Department of Nuclear Energy

Tel.: +43 1 2600 22803

Email: M.Gam@iaea.org

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