



**Sixth Joint IAEA-GIF Technical Meeting/Workshop on
SAFETY OF SODIUM-COOLED FAST REACTORS**

14 – 15 November 2016

IAEA HQ, Vienna. Building C, Meeting Room: C0343

Meeting Agenda

1st Day - Monday, 14 November 2016

Time	Topic	Speaker
Opening Session		
9:30 – 10:00	Welcome Address	Mr M. Chudakov, IAEA
	Opening remarks by GIF	GIF, TBD
	Self-introduction of the participants Nomination of the workshop Chairperson Approval of the agenda	All
Session 1: Updated SFR SDC/SDG and Related Activities		
10:00 – 11:00	➤ Status of the international review on SFR SDC Phase I report and SDG development in Phase II	Mr R. Nakai GIF, SDC-TF, Japan
	➤ Response to IRSN comments on SDC Phase I Report	Mr P Gauthe GIF, SDC-TF, France
<i>Coffee break</i>		
11:30 – 13:00	➤ Presentation of “Safety Design Guidelines on Safety Approach and Design Conditions”	Mr S. Kubo GIF, SDC-TF, Japan
	➤ Progress on IAEA comments on GIF document “Safety Design Guidelines on Safety Approach and Design Conditions for Generation IV Sodium-cooled Fast Reactor Systems, SDC-TF/2016/01, March 04, 2016	Mr V. Kriventsev, IAEA/NPTDS
<i>Lunch break</i>		
14:30 – 15:30	➤ Review results on Safety Approach-SDG from regulatory bodies	TBD
	➤ Safety Consideration in ESFR	Mr H. Tsige-Tamirat EC
<i>Coffee break</i>		
Session 2: Licensing frameworks for advanced reactors and Related Activities <i>Regulatory bodies</i>		
16:00 – 18:00	➤ Presentation on IAEA SSR-2/1 (Rev.1) “Safety of Nuclear Power Plants: Design” and TECDOC-1791 “Considerations on the Application of the IAEA Safety Requirements for the Design of Nuclear Power Plants”	Mr. Javier Yllera, IAEA/NSNI
	➤	
	➤ Consideration of SDC update for inclusion of key points of SSR-2/1(Rev.1)	Mr. Y. Okano GIF, SDC-TF, Japan

	➤ DOE-NRC Initiative on Development of Licensing Framework for Advanced (Non-LWR) Reactors	Mr I. Madni, NRC, US
	➤ Presentations by regulatory bodies (TBD)	TBD
	Discussion of session 2	All
18:00	<i>Welcome reception organized by the IAEA</i>	All

2nd Day – Tuesday, 15 November 2016

Time	Topic	Speaker
Session 3: Implementation of SDC/SDG by Designers of Innovative SFRs Concepts Design Basis Accidents (core safety, chemical reaction of sodium) Severe accident (prevention and mitigation, confinement of radioactive materials) <i>Presentations by design organizations: Each designer presents implementation of SDC/SDG on its SFR concept</i>		
09:00 – 10:30	Presentations by design organizations (TBD)	TBD
	Considerations for GEN III and GEN IV reactors, on safety objectives and robustness of the safety demonstration	Mr P Gauthe GIF, SDC-TF, France
	Development of Safety Design Criteria for LFR	Mr. H. Tsige-Tamirat EC
<i>Coffee break</i>		
11:00 – 13:00	➤ Safety design of advanced loop type SFR	Mr. H. Hayafune JAEA, Japan
	➤ Safety Features of the TerraPower TWR	Mr. Eric Williams, Terrapower, USA
	➤ Organization of the FR17 Conference: GIF Contribution	Mr V. Kriventsev, IAEA/NPTDS
	➤ Presentations by design organizations (TBD)	TBD
	➤ Discussion of session 3	All
<i>Lunch break</i>		
Concluding Session		
14:30 – 15:30	Final discussion and conclusions	Workshop Chair / All
15:30 – 16:00	Future actions Next Workshop on Safety of SFR	Workshop Chair / All
16:00	<i>Adjourn</i>	

IAEA SECRETARIAT

Responsible officers

Scientific Secretaries:

Mr Vladimir KRIVENTSEV

Team Leader, Fast Reactors
Division of Nuclear Power
Department of Nuclear Energy
International Atomic Energy Agency
Tel.: +43 1 2600 22808
Mobile: +43.699.165.22808
E-mail: V.Kriventsev@iaea.org

Mr Javier Yllera

Senior Nuclear Safety Officer
Division of Nuclear Installation Safety
Department of Nuclear Safety and Security
International Atomic Energy Agency
Tel.: +43 1 2600 26109
E-mail: J.Yllera@iaea.org

Administrative assistance:

Ms Jasna ŠEGOTA

Nuclear Power Technology Development Section
Division of Nuclear Power
Department of Nuclear Energy
International Atomic Energy Agency
Vienna International Centre
PO Box 100
1400 VIENNA
AUSTRIA
Tel.: +43 1 2600 24236
Fax: +43 1 2600 29598
Email: J.Segota@iaea.org