



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

23 – 24 June 2015

IAEA HQ, Vienna. Building M, Meeting Room: M7

AGENDA

Final DRAFT

1st Day - Tuesday, 23 June 2015

Time	Topic	Speaker
Opening Session		
09:00 – 10:00	Opening remarks	Mr. M. Chudakov IAEA, DDG-NE
	Introductory remarks by GIF	Mr. H. McFarlane GIF
	Self-introduction of the participants Nomination of the workshop Chairperson Approval of the agenda	All
10:00 – 10:30	Licensing framework for advanced reactors DOE-NRC initiative	Ms. J. Mazza NRC, USA
<i>Coffee break</i>		
11:00 – 11:30	Regulatory design evaluation of advanced reactors in Canada	Mr R. Rulko NSC, Canada
Session 1: Updated SFR SDC/SDG and Related Activities		
11:30 – 12:50	➤ Status of the international review on SFR SDC Phase I report and SDG development in Phase II	Mr R. Nakai GIF, SDC-TF
	➤ Response to USNRC comments on SDC Phase I Report	Mr T. Sofu GIF, SDC-TF
	➤ Response to IAEA comments on SDC Phase I Report	Mr Y. Okano GIF, SDC-TF
	➤ IRSN comments on the SDC-TF/2013/1	Mr. S. Monti on behalf of Mr D. Blanc IRSN, France
12:50 – 13:15	Discussion and conclusions of session 1	All
<i>Lunch break</i>		

Session 2: Implementation of SDC by Designers of Innovative SFRs Concepts (1) Reactor core and fuel design featuring fuel material characteristics, i.e. oxide, metal, nitride, etc. <i>Presentations by design organizations: Each designer presents implementation of SDC on its SFR concept</i>		
14:30 – 16:00	➤ ASTRID safety approach and roadmapping	Mr B. Carlucc AREVA, France Mr P. Dufour CEA, France
	➤ GRS activities for the safety assessment of fast spectrum systems	Mr A. Seubert GRS, Germany
	➤ Safety design approach for JSFR core and fuel featuring fuel material characteristics	Mr S. Kubo JAEA, Japan
<i>Coffee break</i>		
16:30 – 18:00	➤ Fundamental approach to safety design of prototype Gen IV SFR	Mr T-H. Lee KAERI, RoK
	➤ Provision of safety design criteria for Generation-IV sodium-cooled fast reactor system: implementation in the BN-1200 reactor design	Mr I. Bylov OKBM, Russia
	➤ Overview of ESFR Safety Design Strategy	Mr. H. Tsige-Tamirat, EC DG-JRC, IET, Petten, The Netherlands
18:00 – 18:30	Discussion and conclusions of session 2	All
18:30	<i>Welcome reception organized by the IAEA</i>	

2nd Day – Wednesday, 24 June 2014

Time	Topic	Speaker
Session 3: Safety Design Guidelines on Specific Structures, Systems and Components		
09:00 – 09:30	➤ Status of “Safety Design Guidelines on Safety Approach and Design Conditions”	Mr S. Kubo GIF, SDC-TF
09:30 – 10:00	➤ Status of the SDG development for “reactor core”, “reactor coolant system” and “containment”	Mr S. Kubo GIF, SDC-TF
<i>Coffee break</i>		
Session 4: Implementation of SDC by Designers of Innovative SFRs Concepts (2) Coolant system and containment design featuring SFR characteristics <i>Presentations by design organizations: Each designer presents implementation of SDC on its SFR concept</i>		
11:00 – 13:00	➤ Status of PFBR	Mr P. Chellapandi IGCAR, India
	➤ Enhanced safety features of FBR 1 & 2 with respect to PFBR and GenIV reactors	Mr P. Chellapandi IGCAR, India
	➤ Structure, System and Component Designs of JSFR in relation to Sodium Chemical Reaction Issues	Mr Y. Okano JAEA, Japan
	➤ Safety issues of PRISM Steam Generator (tentative title)	Mr D. Powell GE HITACHI, USA
<i>Lunch break</i>		
Concluding Session		
14:00 – 15:00	Final discussion and conclusions	Workshop Chair / All
15:00 – 15:30	Future actions Next Workshop on Safety of SFR	Workshop Chair / All
15:30	<i>Adjourn</i>	

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