

Summary Report from the NKS Board Meeting in Stockholm, January 8, 2013

Call for Proposals 2013

NKS would like to thank all the applicants for proposals submitted to the NKS-R and NKS-B Call for Proposals 2013. The NKS board was impressed by the quality of the proposals received for funding under the NKS-R and NKS-B programmes. The successful proposals are listed below.

NKS-R Budget Decisions for 2013

The following activities have been awarded funding.

Activity Type	Activity Name	Activity Topic	Activity Leader	Funding (kDKK)
Decommissioning	DECOM-SEM*	Decommissioning seminar	Niels-Kristian Mark, IFE	200
Org. & safety culture	HUMAX	Maximising human performance in maintenance	Maren H. Rø Eitheim, IFE	500
Org. & safety culture	SADE	Safety culture in design and implementation of technological and organisational solutions	Luigi Macchi, VTT	500
Risk analysis	DIGREL	Guidelines for reliability analysis of digital systems in PSA context	Jan-Erik Holmberg, VTT	300
Risk analysis	L3PSA*	Addressing off-site consequence criteria using Level 3 PSA	Anders Olsson, Scandpower AB	390
Risk analysis	DPSA	DSA/PSA Dynamic probabilistic methodology	Pavel Kudinov, KTH	400
Risk analysis	Exam HRA	Evaluation of existing applications and guidance on methods for human reliability analysis (HRA)	Gunnar Johanson, ES-Konsult	200
Severe accidents	DECOSE	Debris coolability and steam explosion	Pavel Kudinov, KTH	500
Thermal hydraulics	POOLFIRE*	Predictive analysis of pool fires in enclosures by means of CFD models for risk assessment of nuclear power plants	Patrick van Hees, Lund University	360
Thermal hydraulics	ENPOOL	Experimental and numerical studies on suppression pool issues	Timo Pättikangas, VTT	600
IN TOTAL				3950

* Partially funded from the NKS-B budget due to cross-over aspects

NKS-B Budget Decisions for 2013

The following activities have been awarded funding.

Activity Type	Activity Name	Activity Topic	Activity Leader	Funding (kDKK)
Emergency Preparedness	EMSEM	Seminar: practical and operational emergency preparedness - status and future developments	Sigurdur Emil Pálsson, IRSA	210
Emergency Preparedness	MUD	Meteorological uncertainty of atmospheric dispersion model results	Jens Havskov Sørensen, DMI	360
Radioecological Assessments	COSEMA	Consequences of severe radioactive releases to Nordic marine environment	Vesa Suolanen, VTT	500
Radioecological Assessments	BERMUDA	Doses from natural radioactivity in wild mushrooms and berries to the Nordic population	Tuukka Turtiainen, STUK	380
Measurement Strategy, technology, QA	Radioanalysis	Workshop on radioanalysis of radionuclides difficult to measure	Xiaolin Hou, DTU	370
Measurement Strategy, technology, QA	GAMMATEST	Gamma spectrometry intercomparison exercise and seminar	Henrik Ramebäck, FOI	370
Measurement Strategy, technology, QA	NOVE	Novel neutron detection methods for nuclear security	Kari Peräjärvi, STUK	225
IN TOTAL				2415

NKS Seminar on the Fukushima Accident and Perspectives for Nordic Reactor Safety and Emergency Preparedness

The seminar was held on the 8th and 9th of January, 2013, at Finlandshuset in Stockholm, Sweden. The objective of the seminar was to give an overview of the Fukushima accident, with emphasis on issues of relevance to the Nordic countries. A total of 26 presentations were given, and the seminar had 140 participants. International perspectives were covered by Abel González (Vice Chair of ICRP), Wolfgang Weiss (Chair of UNSCEAR), André-Claude Lacoste (President of ASN), and Tero Varjoranta (General Director of STUK). It is hoped that the outcome of the seminar can be further developed into proposals for future NKS work and follow-up on relevant issues in reactor safety and emergency preparedness.

Radiation Regulator - a new free international e-journal !

NKS would like to inform the readers of the NKS NewsFlash about a new free international e-journal "Radiation Regulator". The first issue of "Radiation Regulator" has been launched on 1 January 2013 and it is available on its website <http://www.radiationregulator.net>. "Radiation Regulator" will be published quarterly. It can be downloaded from the Member's Area of the website. For this you have to register free of charge (<http://www.radiationregulator.net/register.html>).