

Summary Report from the NKS Board Meeting in Reykjavik, January 13-14, 2014

Change of Programme Manager for the NKS-R Programme

NKS expressed its sincere thanks to Kaisu Leino for all her work, enthusiasm and cooperation as the NKS-R Programme Manager over the last 1½ years and NKS would like to wish Kaisu good luck and every success in her career in the years ahead.

NKS warmly welcomes Karin Andgren from Vattenfall, Sweden as the new NKS-R Programme Manager. Karin has been at Vattenfall since 2009 and is currently a member of the Radiation Protection and Severe Accidents Group. She has a PhD in nuclear physics and a master's degree in engineering physics, both from KTH in Stockholm.

For all issues concerning the NKS-R programme please contact Karin at karin.andgren@vattenfall.com (+46 76 546 01 85).

Call for Proposals 2014

NKS would like to thank all the applicants for proposals submitted to the NKS-R and NKS-B Call for Proposals 2014. The NKS board was impressed by the number and 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 2014

The following activities have been awarded funding.

Activity Type	Activity Name	Activity Topic	Activity Leader	Funding (kDKK)
Org. & safety culture	HUMAX	Maximising human performance in maintenance	Ann Britt Skjerve, IFE	500
Org. & safety culture	ProCom	Measuring Procedure Competence	Michael Hildebrandt, IFE	600
Risk analysis	DIGREL	Reliability analysis of digital systems in PSA context	Jan-Erik Holmberg, Risk Pilot AB	300
Risk analysis	L3PSA	Addressing off-site consequence criteria using Level 3 PSA	Andrew Wallin Caldwell, Lloyd's Register Consulting	300
Risk analysis	DPSA	Deterministic-Probabilistic Safety Analysis Methodology	Pavel Kudinov, KTH	400
Plant life management and extension	Nordic-Gen4	Nordic nuclear forum for Gen IV reactors	Mattias Thuvander, Chalmers	200
Severe accidents	DECOSE	Debris coolability and steam explosion	Pavel Kudinov, KTH	500
Severe accidents	ATR	Impact of aerosols on the transport of ruthenium in the primary circuit of the NPP	Christian Ekberg, Chalmers	300

Thermal hydraulics	ENPOOL	Experimental and numerical studies on suppression pool issues	Timo Pättikangas, VTT	650
IN TOTAL				3750

NKS-B Budget Decisions for 2014

The following activities have been awarded funding.

Activity Type	Activity Name	Activity Topic	Activity Leader	Funding (kDKK)
Emergency Preparedness	NORCON	Nordic nuclear accident consequence analysis	Mark Dowdall, NRPA	600
Emergency Preparedness	FAUNA	Fukushima accident: uncertainty of atmospheric dispersion modelling	Jens Havskov Sørensen, DMI	260
Radioecological Assessments	NORMIN	NORM-related mining in Nordic countries: legislation, practises and case studies	Dina Solatie, STUK	450
Emergency Preparedness	MOBELRAD	Mobile measurement: Field exercise in fallout mapping in the Belarussian exclusion zone	Mark Dowdall, NRPA	510
Measurement Strategy, technology, QA	GammaUser	Workshop for users of gamma spectrometry	Oskar Holm, IRSA	370
Measurement Strategy, technology, QA	NOVE	Novel neutron detection methods for nuclear security – dynamic testing	Kari Peräjärvi, STUK	330
Measurement Strategy, technology, QA	RAPID-TECH	Application of rapid and automated techniques in radiochemical analysis	Jixin Qiao, DTU	350
Emergency Preparedness	THYROIDSEM	Seminar: Assessment of accidental uptake of radioiodine in emergency situations	Asser Poulsen / Henrik Roed, SIS/NIRP	230
Emergency Preparedness	SEMUNARS	Seminar on unmanned radiometric systems	Magnus Gårdestig, Linköping University	200
Measurement Strategy, technology, QA	StandMethod	Standardisation of radioanalytical methods for determination of important radionuclides for environmental assessment and waste management in Nordic nuclear industry	Xiaolin Hou, DTU	350
Measurement Strategy, technology, QA	CONCORE	Characterisation of NORM contaminated objects: Reliable and efficient	Charlotte Nielsen, SIS/NIRP	400
Radioecological Assessments	EFMARE	Effects of dynamic behaviour of Nordic marine environment to radioecological assessments	Mikhail Iosjpe, NRPA	450
IN TOTAL				4500

Peer-reviewed NKS paper in Radiation Regulator

The last of three papers informing on NKS activities has been published in the 4th issue of the new free international e-journal 'Radiation Regulator', and is now available on the journal website (members area) <http://www.radiationregulator.net>. To see this you have to register free of charge (<http://www.radiationregulator.net/register.html>). This paper focuses on the activities of the B programme.