
Upcoming Seminars

NKS-B MareNuc

Nordic workshop for authorities, organisations and institutions relevant for assessing health and environmental consequences of accidents and incidents involving nuclear-propelled vessels and floating power reactors

25-26 August 2011, Reykjavik, Iceland

There is no well-defined system for classification of accidents associated with naval reactors in general as for civilian power plants. For civilian facilities of similar size, the reference accident used as a basis for further analysis varies between a Design Basis Accident describing complete and partial meltdown followed by water/ aluminium interaction and loss of mitigating systems. Considering the fact that neighbouring countries may soon embark upon construction of a new generation of naval reactors, there is a need to systemize the approach for assessing possible consequences of accidents in relation to these installations. Floating power reactors also involve new safety challenges that need to be discussed.

A first workshop was held in October 2010, from which results will be presented for further discussions and put into a larger context considering plans for further construction of new types of vessels, areas of operations, and types of facilities at a second workshop that will be held in Reykjavik, August 25th - 26th 2011.

More information on the NKS-B MareNuc activity will be obtainable from <https://www.gr.is/nks-b/marenu/>

For more information on the events and the initiative as a whole, please contact the coordinator of the activity: Ole Reistad (o.c.reistad@fys.uio.no)

Special offer for those who would like to attend the NSFS conference in Reykjavik, August 22nd-25th

Please note that the MareNuc seminar will be held directly following the NSFS conference in Reykjavik, August 22nd-25th. Those who register for the MareNuc seminar will be allowed to register for the NSFS conference at the lower advance registration rate. For more information on the registration and logistics, please contact the local co-ordinator: Sigurður Emil Pálsson (sep@gr.is)

For more information on the NSFS conference: <http://www.yourhost.is/nsfs-2011/>

NKS-B PIANOLIB

Phantom-based intercomparison among Nordic whole body counters

15-16 of September 2011, University of Gothenburg, Sweden

During 2010 and 2011 the Nordic Nuclear Safety Research has sponsored the NKS-B activity PIANOLIB with the aims of evaluating the quality status of whole body counting and setting up a library website for sharing calibration phantoms in the Nordic region.

The workshop will be bringing together the participants to review and discuss the results of a whole body counting intercomparison exercise. The PIANOLIB workshop will also feature presentations by invited speakers, Didier Franck (IRSN) and Rodolfo Cruz Suárez (IAEA).

Participants are welcome to bring oral presentations (10 – 15 min). Please state that you would like to give a presentation in the registration form.

The registration form for the workshop can be downloaded [here](#).

Please send your registration form via email to Mats Isaksson, mats.isaksson@radfys.gu.se

Further information on the workshop can be found [here](#) or via the co-ordinator, Lilián del Risco Norrlid, lilian.delrisco.norrlid@ssm.se

NKS-B GammaWorkshops

A series of linked workshops on gamma spectrometry, following up issues identified at the two GammaSem seminars, held in 2009 and 2010.

26-28 of September 2011, Risø National Laboratory for Sustainable Energy, Roskilde, Denmark

The GammaWorkshops enables the users to address the problems in gamma spectrometry they find most pressing, through lectures and practical exercises in addition to sharing their experience with others in a similar position. It will be possible to attend all the sessions or just some of them.

The main topics are:

- Monday, afternoon: Natural radionuclides, ½ day workshop
- Tuesday, morning: Matrix and absorption corrections, ½ day workshop, software specific, could mean parallel sessions
- Tuesday, afternoon: Uncertainties and detection limits, ½ day workshop
- Wednesday: True Coincidence Summing corrections – 1 day workshop, to a large degree software specific, parallel session

Updated information and links to technical background material will be available on the GammaWiki web site: <https://www.gr.is/wiki/GammaWiki/>

Contact persons are Henrik Ramebäck (henrik.ramebeck@foi.se) and Sigurður Emil Pálsson (sep@gr.is)

NKS-R NOMAGE4

Nordic Nuclear Materials Forum for Generation IV Reactors

31st October - 1st November 2011, Halden, Norway

You are invited to participate to a 2 days seminar with focus on material challenges for Generation IV nuclear energy systems to be held at Halden, Norway, 31st October – 1st November 2011. Please see the [attached file](#) for more information.

Invited foreign lecturers will present their Gen IV R&D projects, both national and EU projects as well as GIF. You are welcome to participate and present your GenIV activities. A preliminary agenda for the seminar will be available by the end of June.

Information available also on the website www.studsvik.com/Generation_IV (under development and available from middle of April)

For more information on the event, please contact the coordinator of the activity, Anna-Maria Alvarez Holston anna-maria.alvarez@studsvik.se.

Download registration form:  [registration_form_nomage4.doc](#) (41.5 KB)

New Publications

The following NKS-R reports are available free of charge: Download by clicking the appropriate link.

NKS-246	May 2011	Weimin Ma et al: In-vessel Coolability and Steam Explosion in Nordic BWRs	INCOSE	Abstract	Full text
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NKS-245	May 2011	J. Holm et al: Experimental study on iodine chemistry (EXSI) - Containment experiments with methyl iodide	NROI	Abstract	Full text
NKS-241	March 2011	Markku Puustinen, Jani Laine, Antti Räsänen: Multiple blowdown pipe experiments with the PPOOLEX facility	POOL	Abstract	Full text
NKS-240	March 2011	Jani Laine et al: PPOOLEX experiments on stratification and mixing in the wet well pool	POOL	Abstract	Full text

The following NKS-B reports are available free of charge: Download by clicking the appropriate link.

NKS-244	May 2011	Bent Lauritzen: NKS-B NordRisk II: Nuclear risk from atmospheric dispersion in Northern Europe - Summary Report	NordRisk II	Abstract	Full text
NKS-243	May 2011	Lindis Skipperud et al: Method-MS, final report	Method-MS	Abstract	Full text
NKS-242	April 2011	Ulrik Smith Korsholm et al: NKS NordRisk II: Atlas of long-range atmospheric dispersion and deposition of radionuclides from selected risk sites in the Northern Hemisphere	NordRisk II	Abstract	Full text
NKS-238	February 2011	Lilián del Risco Norrlied et al: In-vivo whole body measurement of internal radioactivity in the Nordic countries	PIANOLIB	Abstract	Full text
NKS-233	January 2011	Carita Lindholm, Andrzej and Alicja Jaworska: Biological dosimetry following exposure to neutrons in a criticality accident	BIONCA	Abstract	Full text
NKS-232	January 2011	Sven P. Nielsen and Kasper G. Andersson: PardNor - PARAmeters for ingestion Dose models for NORdic areas - Status report for the NKS-B activity 2010	PardNor	Abstract	Full text

This NewsLetter together with additional information on NKS and its activities can be found on www.nks.org.
The NKS Secretariat can be contacted on nks@nks.org.
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