Marine Reactors in Arctic waters: New challenges in construction, designs and applications, and sailing routes

An NKS-B MareNuc seminar, August 25 - 26, 2011,
at the Icelandic Coast Guard's conference facilities with the Security Zone at Keflavík Airport, Iceland

Chair: Steen Hoe, *Danish Emergency Management Agency (DEMA)*

Thursday, August 25:

15:00 **Welcome**

Information on practical arrangements

15:15 **Session 1: Naval Reactor Operations in Arctic Waters**

I. New Sailing Routes in Arctic Waters
Arild Moe, *Fridtjof Nansen Institute, Norway*

II. Allied Military Vessels-Safety in Port Calls
Francois Lemay, *International Safety Research Inc. (ISR), Canada*

19:00 **Dinner**

Friday, August 26:

09:00: **Session 2: Impact Assessment of Naval Reactor Accidents – Results from the 2010 Workshop**

I. Accidents and incidents, methodology and tools
Ole Reistad, *Institute of Energy Technology/ University of Oslo, Norway*

II. The graded approach – State of the art Environmental Modeling of a Release from a Naval Reactor in the Nordic Waters
A. Releases to air: Sigurður Emil Pálsson, *IRSA, Iceland*/Steen Hoe, *DEMA, Denmark*
B. Release to sea water: Mikhail Iosjpe, *Norwegian Radiation Protection Authority* (*NRPA)*

12:00 **Lunch**

13:00 **Session 3: The Future of Russian Naval Reactors**

I. Russian Strategic Vessels:
Pavel Podvig, *russianforces.org*

II. Floating power reactors:
Ole Reistad, *Institute of Energy Technology/University of Oslo, Norway*

14:00 **Coffee**

14:30 **Summing up** – NKS MareNuc activity – need for further work

15:00 **Seminar closure**

Prior registration is mandatory.
For registration, please contact Sigurður Emil Pálsson, Icelandic Radiation Safety Authority (IRSA), sep@gr.is

Bus transport from Reykjavík will be provided for participants before the start of the seminar, and between the Icelandair Hotel Keflavík and the conference facilities. Information on practical arrangements concerning the seminar can be found at: **https://www.gr.is/nks-b/marenuc/**