

# **NKS SEMINAR ON THE FUKUSHIMA ACCIDENT AND PERSPECTIVES FOR NORDIC REACTOR SAFETY AND EMERGENCY PREPAREDNESS**

**Finlandhuset, Snickarbacken 4, Stockholm, Sweden, January 8-9, 2012**

## **Day 1.**

Start: 13:00

End: 17:45

13:00 - 13:05 Opening of Seminar (*Sigurður Magnússon*, GR/NKS)

13:05 - 13:10 Welcome (*Mats Persson*, SSM)

13:10 - 13:15 Seminar objectives and topics (*Sigurður Magnússon*, GR/NKS)

Opening session: The Fukushima accident and international perspectives (Chair: *Sigurður Magnússon*, GR/NKS, Co-chair *Mats Persson*, SSM)

13:15 - 13:45 **The Fukushima events, consequences, and lessons learned from the nuclear safety perspective** (Speaker: *Tero Varjoranta*, General Director of STUK)

13:45 - 14:15 **Consequences, implications and lessons learned from the radiation protection perspective** (Speaker: *Abel González*, Vice Chair of ICRP)

14:15 - 14:45 **Fukushima lessons and the UNSCEAR project** (Speaker: *Wolfgang Weiss*, Chair of UNSCEAR)

14:45 - 15:15 **Lessons learned and implications for further harmonisation in Europe from a regulatory perspective** (Speaker: *André-Claude Lacoste*, President of ASN)

15:15 - 15:45 Coffee

Session I: Fukushima accident – Nordic emergency response (Chairman: *Eldri Holo*, NRPA)

15:45 - 16:15 **Nordic assessments, considerations and response** (Speaker: *Kaare Ulbak*, SIS)

16:15 - 16:30 **Iodine prophylaxis approach in Finland** (Speaker: *Hannele Aaltonen*, STUK)

16:30 - 17:00 **Iodine prophylaxis approach in Sweden and follow-up study on Swedish citizens in Japan** (Speaker: *Lynn Hubbard*, SSM)

17:00 – 17:15 **Discussion with emphasis on iodine prophylaxis**

17:15 - 17:30 **Use and availability of CTBTO data in Iceland** (Speaker: *Sigurður Emil Pálsson*, GR)

17:30 - 17:45 **Recovery phase – Norwegian experience and relevance for Japanese and vice versa** (Speaker: *Astrid Liland*, NRPA)

## **Day 2.**

Start: 9:00

End: 16:00

Session II: Fukushima accident – implications for nuclear safety (Chairman: *Lars Gunsell*, SSM)

9:00 - 9:20 **What happened to nuclear safety work/focus in Europe after Fukushima?** (Speaker: *Petteri Tiippana*, STUK)

9:20 – 9:40 **Nordic nuclear power follow-up in Finland** (Speaker: *Tomi Routamo*, STUK)

9:40 – 10:00 **Nordic nuclear power follow-up in Sweden** (Speaker: *Jan Hanberg*, SSM)

10:00 - 10:30 Coffee

10:30 – 10:45 **Utilities follow-up in Finland (Early own initiatives, national requirements, EU stress test, future)** (Speaker: *Mika Harti*, Loviisa)

10:45 – 11:00 **Utilities follow-up in Sweden (Early own initiatives, national requirements, EU stress test, future)** (Speaker to be confirmed)

11:00 - 11:15 **Follow-up on nuclear safety of Norwegian research reactors** (Speaker: *Atle Valseth*, IFE)

11:15 - 11:30 **Perspectives on nuclear safety from a Nordic non-nuclear country** (Speaker: *Michael Boesgaard Brøndel*, DEMA)

11:30 - 12:30 Lunch

Session III: Way forward – assessments and communication – learning from the past (Chairman: *Jens-Peter Lynov*, DTU)

12:30 - 12:50 **Learning from the Fukushima accident and 22 July 2011 in Oslo** (Speaker: *Ole Harbitz*, NRPA)

12:50 – 13:10 **Considerations on the adequacy of Nordic capabilities for early detection of emergencies** (Speaker: *Kaj Vesterbacka*, STUK)

13:10 – 13:50 **Technical assessments and source term and residual dose estimation – improving the assessments?** (Speakers: *Steen Hoe*, DEMA, and *Wiktor Frid*, SSM)

13:50 – 14:10 **Fukushima accident - Communication with the public** (Speaker: *Anne Marit Østreng*, NRPA)

14:10 – 14:40 Coffee

Session IV: Concluding session: The future for Nordic nuclear safety and emergency preparedness (Chairman: *Jorma Aurela*, TEM)

14:40 – 15:15 **How can the Nordic countries improve response and cooperation at home and abroad?** (Speaker: *Sigurður Emil Pálsson*, GR)

15:15 – 15:30 **How can the Nordic countries improve cooperation on nuclear safety?** (Speaker: *Lennart Carlsson*, SSM)

15:30 - 15:40 **Possible contributions from NKS-R** (Speaker: *Kaisu Leino*, Fortum/NKS)

15:40 - 15:50 **Possible contributions from NKS-B** (Speaker: *Kasper G. Andersson*, DTU/NKS)

15:50 – 16:00 **Conclusion of seminar – final remarks** (Speaker: *Sigurður Magnússon*, GR/NKS)