

## **Current and emerging challenges for Nordic nuclear safety: cooperation through the NKS-R programme**

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Building on the foundation of a common cultural and historical heritage and a long tradition of collaboration, NKS aims to facilitate a common Nordic view on nuclear and radiation safety. A common understanding of rules, practice and measures, and national differences in this context, is an essential requirement. Through collaborative efforts problems may be tackled quicker, more efficiently, more consistently, and at a lower cost.

NKS activities are divided into two programme areas, NKS-B and NKS-R. Recent results and on-going activities of the NKS-R (reactor safety) programme will be presented at the seminar. On-going activities include projects within the areas of severe accidents, risk analysis and organisational issues. For example, the research on core melt debris coolability and steam explosion represents the front edge research worldwide for Nordic boiling water reactors. Other activities financed by NKS in 2015 include guidelines on level 3 probabilistic safety analysis (consequences off-site) and a project aiming to enhance organisational learning from successful actions and decisions.

A seminar is one of the best ways of disseminating information about the work NKS does and the results it achieves. We therefore invite all interested persons and organisations to participate in a seminar 12-13<sup>th</sup> of January 2016 in Stockholm. Focus will be on lessons learned from Fukushima and the way to proceed in both Nordic emergency management and nuclear risk assessment, which are strongly interrelated disciplines.