NKS ARTICLE OUTLINE

January 2017
Profile of publication

1. Focus: Highlight NKS activities by showing
   a) Successful Nordic cooperation within NKS framework
      i. Scientific and technical excellence
      ii. Relevance to end-users
      iii. Young scientists
   b) Contribution from NKS research to the international community

   ”We should write an article that ONLY NKS could write!”

2. Expected audience & level of presentation

3. Journal of choice
Profile of publication

1. Focus / message

2. Expected audience & level of presentation;
   a) broad & international,
   b) not full coverage and not too deep, but rather highlighting NKS work providing links to full information: a “smorgasbord” of appetizers, both on the Nordic collaborative and internationally scientific scale

3. Journal of choice

Christian Linde & Emma Palm
NKS-R Programme Manager

NKS Board meeting, Oslo,
18th January 2017
Profile of publication

1. Focus / message
2. Expected audience & level of presentation;
3. Journal of choice – to be discussed later
Nordic cooperation to strengthen nuclear reactor safety and emergency preparedness after the Fukushima accident

1. Introduction – a Nordic perspective
2. NKS activities within reactor safety
3. NKS activities within emergency preparedness
4. Discussion / conclusions
Suggested paper structure

1. Introduction – a Nordic perspective
   – Safety issues in a Nordic perspective on reactor safety and emergency preparedness
   – Nordic collaboration channels

   (Objective: Lessons learned from Fukushima and other Nordic issues covered by NKS, reference to IAEA and national action plans, presentation of Nordic collaboration channels)

2. NKS activities within reactor safety
3. NKS activities within emergency preparedness
4. Discussion / conclusions

Christian Linde & Emma Palm
NKS-R Programme Manager

NKS Board meeting, Oslo,
18th January 2017
Suggested paper structure

1. Introduction – a Nordic perspective

2. NKS activities within reactor safety
   2.1 Accident phenomena and management (SevAcc; ThermHyd)
   2.2 Risk analysis and safety culture (RiskAn, Org&SC)

   Objective: Brief presentation of NKS-R activities related to the issues mentioned in the introduction (Fukushima, Action plan)

3. NKS activities within emergency preparedness

4. Discussion / conclusions
Suggested paper structure

1. Introduction – a Nordic perspective
2. NKS activities within reactor safety
3. NKS activities within emergency preparedness
   3.1 Early phase consequence predictions and response
   3.2 Later data requirements and measurement needs
   3.3 Optimised recovery and public communication

Objective: Brief presentation of NKS-B activities related to the issues mentioned in the introduction

4. Discussion / conclusions

Christian Linde & Emma Palm
NKS-R Programme Manager

NKS Board meeting, Oslo,
18th January 2017
Suggested paper structure

1. Introduction – a Nordic perspective
2. NKS activities within reactor safety
3. NKS activities within emergency preparedness
4. Discussion / conclusions
   
   NKS added value to science and collaboration within reactor safety and emergency preparedness

Objectives: Highlight the value of NKS activities and collaborations to the Nordic and the international communities

(by scientific and technical excellence, developing competence, end-user relevance, building networks...)

Christian Linde & Emma Palm
NKS-R Programme Manager

NKS Board meeting, Oslo,
18th January 2017
Profile of publication

1. Focus / message
2. Expected audience
3. Journal – suggestions welcome!

We have some ideas on the following pages.
Profile of publication – Possible journals

The **International Nuclear Safety Journal** is dedicated to all aspects relevant to nuclear safety.

Papers relevant to one or more of the following areas are welcome:

- Nuclear Safety Culture, Hazard Assessment
- Deterministic Accident Analysis, Probabilistic Risk Assessment, Risk-Informed Applications
- Accident Management, Reactor Safety Systems
- Instrumentation and Control Systems and Safety Critical Software
- Management Systems for Nuclear Facilities and Activities
- Ageing Management and Long Term Operation
- Human Factors in Design, Safety Assessment and Performance Improvement, Management of Human Resources, Nuclear Safety Training and Qualification
- Nuclear Decommissioning, Spent Fuel and Radioactive Waste Management
- Emergency Preparedness and Response, Environmental Radioactivity

[http://nuclearsafety.info/international-nuclear-safety-journal/index.php/INSJ/about/editorialPolicies#focusAndScope](http://nuclearsafety.info/international-nuclear-safety-journal/index.php/INSJ/about/editorialPolicies#focusAndScope)

No apparent maximum number of words. True open access.
The purpose of the *Journal of Radiation Protection and Research* (JRPR) is to disseminate scientific and technical information on radiation protection and related issues covering areas such as radiation protection policy, radiation dose evaluation, radiation detection, radiation safety and regulations, radiation risk, radiation diagnosis and therapy, radiation biology, radiation physics, radiation public health and environmental impact, radioactive waste, radiation use, social acceptance of radiation and nonionizing radiation to the members of the Korean Association for Radiation Protection (KARP) and other research societies.

http://jrpr.org/about/about.php

Typically 5-8 pages
Profile of publication – Possible journals

*Journal of Radiological Protection* publishes articles (in English) on all aspects of radiological protection, including non-ionising as well as ionising radiations. Fields of interest range from research, development and theory to operational matters, education and training. The very wide spectrum of its topics includes: dosimetry, instrument development, specialized measuring techniques, epidemiology, biological effects (*in vivo* and *in vitro*) and risk and environmental impact assessments. The journal encourages publication of data and code as well as results.


Summary review article: no maximum

Paper: 8500 words (including tables and illustrations)