

OECD/NEA Workshop
Approaches to estimation of the costs of nuclear accidents

28-29 May 2013, NEA Headquarters, Issy-les-Moulineaux (Room A/B)

Agenda

Day 1 (28 May)

9h30 – 17h30

Introductory session

- 9h30-9h45 Welcome address by Ron Cameron (Head of the NEA Nuclear Development Division)
- 9h45-10h00 “*OECD-NEA project Cost of Nuclear Accidents-liabilities Issues and their Impact on Electricity Costs*”, Marco Cometto and Alexey Lokhov, OECD/NEA

Session I: Appraisal of existing studies on the cost of TMI, Chernobyl and Fukushima

- 10h00-10h45 “*Consequences of the Three Mile Island Accident*” Jack DeVine (USA)
- 10h45-11h30 “*Consequences of the accident at the Chernobyl NPP*” Volodymyr Berkovskyy (Radiation Protection Institute, Ukraine)
- 11h30-12h15 “*Cost estimates of Fukushima nuclear accident and analysis of accident risk cost*” Yoshihiro Nagaoki (AEC, Japan)
- 12h15-12h45 Discussion

12h45 - 14h30 Lunch

Session II: Methodologies of estimation of costs of nuclear accidents

- 14h30-15h00 “*Considerations and hypothesis for a pertinent evaluation of nuclear accident costs*” Jean-Christophe Niel (ASN, France) and Pierre Picard (Ecole Polytechnique, France)
- 15h00-15h15 Discussion

International organisations

- 15h15-15h35 “*IAEA activities related to the estimations of nuclear accident costs*” Eric Williams (IAEA)
- 15h35-16h00 “*Accident cost estimates and new requirements for nuclear safety and insurance*” Aila Asikainen, (DG Energy, European Commission)

16h00 - 16h30 Coffee break

Industry perspective

- 16h30-17h00 “*Considerations in Assessing Potential Cost Impacts Associated with Nuclear Accidents*” Ralph Andersen, (NEI, USA)
- 17h00-17h30 Discussion

17h30 - 18h30 Cocktail

Day 2 (29 May)

9h00-17h00

9h00-9h15 Summary of Day I (OECD-NEA secretariat)

Session II *Methodologies of estimation of costs of nuclear accidents (continued)*

Academic studies

9h15-10h00 “*Methods and results of assessing energy-related severe accident risks*” Stefan Hirschberg (PSI, Switzerland)

10h00-10h30 “*Assessment of Direct and Indirect Economic Consequences of Nuclear Accidents. Models and Case Studies*” Eduardo Gallego Diaz (Universidad de Madrid, Spain)

10h30-10h30 Discussion

11h - 11h15 Coffee break

11h15-11h45 “*Cost estimate of a severe nuclear accident in France*” Ludivine Pascucci and Patrick Momal (IRSN, France)

11h45-12h15 “*Quantification of health and environmental impacts of a nuclear accident*” Thierry Schneider (CEPN, France)

12h15-12h30 Discussion

12h30 - 14:00 Lunch

Safety and Regulatory perspective

14h00-14h30 “*US regulatory approaches to the economics of nuclear accidents*” Alysia Bone (NRC, USA)

Session III: *Discussion on the cost categories (direct, indirect, induced) and perspectives of their evaluation*

14h30-15h00 “*Cost categorisation suggested in the previous OECD/NEA study (2000)*” Marco Cometto and Alexey Lokhov (OECD/NEA)

15h00-16h30 Discussion

Closing session

16h30-17h00 Summary of the workshop and concluding remarks (OECD/NEA secretariat)