

Requêtes le 26/2/2002



FR0201255
INIS-FR-1063

Eurosafe 2001 Nuclear Risk Management

Eurosafe 2001 was organised around two round tables on the first day and five seminars on the second day.

The first round table dealt with the technical, organisational and societal aspects of risk management aimed at the prevention of accidents in nuclear power plants. The second round table focused on radiological risks from the normal operation of nuclear installations. Special consideration has been given to the involvement of stakeholders.

The four seminars were held in order to provide opportunities for comparing experiences and learning about recent activities of IRSN, GRS and their partners in the European Union and Eastern Europe :

- Safety assessment and analysis of nuclear installations
- Nuclear safety research
- Environment and radiation protection
- Waste management
- Nuclear material security

Please, find below all the speakers seminars reports that you just have to download.

> Seminar 1

Nuclear Installation Safety / Assessment and Analysis

Research in a regulatory context

G. Frescura

> [Download](#)

Safety assessments relating to the use of a new fuels in research reactors:
application to the case of FRM II reactor fuel

H. Abou Yehia / G. Bars / P. Tran Dai

> [Download](#)

Operational characteristics for the efficiency of safety

K. Kotthoff / A. Vandewalle

Safety significance of components ageing, exemplary for MOV, based on French
and German operating experience

O. Morlent / F. Michel

> [Download](#)

TSO assistance towards the improvement of nuclear safety in Lithuania:
achievements and perspectives

P. Butcher / P. Bystedt / M. Chouha / J.P. Weber / E. Uspuras / K. Zilyis

> [Download](#)

German-Ukrainian collaboration in the assessment of digital I&C systems for safety applications in
NPPs

M. Yastrebenetsky / B. Mulka / S. Vinogradskaia / D. Wach

> [Download](#)

Generic results and conclusions of re-evaluating the flooding protection in French and German nuclear
power plants

J.M. Mattei / E. Vial / V. Rebour / H. Liemersdorf / M. Türschmann

> [Download](#)

Limitations of the inspection and testing concepts for pressurised components
from the viewpoint of operating experience

H. Schulz

> [Download](#)

Potential jamming of recirculation system valves in the safety injection (SI) and containment spray (CS)
systems for 1300 MWEP'4 PWR's

P. Felisiak

> [Download \(!! 29 M° !! \)](#)

Frequencies and trends of significant characteristics of reported incidents in Germany

33 / 23

G. Farber / H Matthes

> [Download](#)

> **Seminar 2**

Nuclear Installation Safety / Research

An IRSN research programme to resolve pending LOCA issues

A. Maillat / C. Grandjean / B. Clément

> [Download](#)

Analytical and experimental research into boron dilution events

V. Teschendorff / K. Umminger / F.-P. Wieb

> [Download \(!! 7,8 M° !! \)](#)

3-D core modelling of RIA transient: the TMI-1 benchmark

P. Ferraresi / E. Studer / A. Avvakumov / V. Malofeev / D. Diamond / B. Bromley

> [Download](#)

A time-dependent neutron transport model and its coupling to thermal-hydraulics

A. Pautz

> [Download](#)

The VVER severe accident management

V. Asmolov

> [Download](#)

ASTEC participation in the International Standard Problem on KAEVER

P. Spitz / J.P. Van Dorsselaere / B. Schwinges / S. Schwarz

> [Download](#)

Application of pyrolysis models in COCOSYS

W. Klein-Heßling / M. Röwekamp / H.J. Allelein

> [Download](#)

ARTIST : a cooperative safety project to study fission product retention in a ruptured steam generator

A. Dehbi / S. Güntay / D. Suckow / J. Birchley

> [Download](#)

Joint research and evaluation work in the field of fire

(synergie expertise/ recherche dans le domaine de l'incendie)

R. Gonzalez / J.M. Such / C. Casselman / J.C. Laborde / R. Bertrand / M. Blot

M. Chaussard / J. Lacoue / J.-M. Mattei

> [Download \(!! 8,9 M° !! \)](#)

Qualification of non-destructive examination methods on critical components

J. Zdarek

> [Download](#)

> **Seminar 3**

Waste management

Developing international safety standards for the Geological disposal of radioactive waste

P. Metcalf

> [Download](#)

Development of site selection criteria for radioactive waste disposal in view of favourable geological settings in Germany

B. Baltes / W. Brewitz

> [Download](#)

Characterization of discontinuities in an argillaceous medium (tournemire site) :

key questions related to the safety assessment of radioactive waste disposal

J. Cabrera Nuñez

> [Download](#)

Importance of microstructures for the evaluation of argillaceous host rocks
R. Nüesch / J.Y. Boisson

Corrosion of cementitious materials under geological disposal conditions with resulting effects on the geochemical stability of clay minerals
H.J. Herbert / TH. Meyer
> [Download](#)

Reactive transport modeling of interaction processes between claystone and cement
L. De Windt / D. Pellegrini / J. Van der Lee
> [Download](#)

Self-healing of excavation-distributed rocks in the nearfield of underground cavities - exemplary measurements in rock salt and interpretation of preliminary results
K. Wieczorek / P. Schwarzieneck / T. Rothfuchs
> [Download](#)

Spatio-temporal evolution of fault networks :
implications for deep radioactive waste disposal sites
K. Hardacre / O. Scotti
> [Download](#)

Modelling of colloid facilitated actinide transport in the geosphere
with the computer code TRAPIC
U. Noseck
> [Download](#)

Radionuclide dispersion from a waste burial in the geosphere
D. Bugai / L. Dewiere / K. Kashparov / N. Ahamdach
> [Download](#)

> Seminar 4

Environment and Radiation Protection

Assessment of the efficiency of short term countermeasures following a severe accident
on a PWR
F. Charpin / H. Mansoux / J. Brenot
> [Download](#)

Radiological criteria and methods for remediation of contaminated former mining sites
H. Biesold / H. Thielen / D. Weiß
> [Download](#)

Management of industrial sites contaminated with radionuclides and stakeholders involvement
A. Oudiz / B. Cessac / J. Brenot / J.P. Maigné / P. Santucci
> [Download](#)

Stakeholder involvement in the management of rural areas after an accident
A. F. Nisbet
> [Download](#)

New approach to the assessment and reduction of health risks and environmental impacts originating
from TENORM according to EC requirements
A. Poffijn / W.D. Kraus
> [Download](#)

> Seminar 5

Nuclear Material Security

The fundamental principles of the physical protection
The Group of Six point of view
M. Claeys / L. Carnas / G. Robeyns / G. Rommevaux / R. Venot / J.B. Fechner
A. Hagemann / A. Fontaneda González / S. Giménez González / S.G. Isaksson

K. Wager / C. Price

> [Download](#)

Inventory of nuclear materials in case of emergency

J.L. Portugal / S. Zanetti

> [Download](#)

Protection of nuclear facilities and nuclear materials against malevolent actions

P. Cornu / J. Aurelle / J. Jalouneix

> [Download](#)

Main results of ten years co-operation with NIS in the field of physical protection
of nuclear materials and nuclear facilities

P. Salewski / W. Gutschmidt

> [Download](#)

Insights of the periodic reviews regarding the physical protection of nuclear power plants designed to
earlier standards

A. Hagemann

> [Download](#)