

3rd ISOE EUROPEAN WORKSHOP on OCCUPATIONAL EXPOSURE MANAGEMENT AT NPPs



Portoroz, Slovenia,
17-19 April 2002



Municipality of Piran

Tenth Anniversary of the ISOE System

PROVISIONAL PROGRAMME

Organised and sponsored by



EUROPEAN COMMISSION
DIRECTORATE-GENERAL ENV.



EUROPEAN TECHNICAL CENTRE
CEPN



IAEA



Hosted by



Ministry of Environment and Spatial Planning
Slovenian Nuclear Safety Administration
and Krško NPP

After the success of the Malmö and the Tarragona Workshops in 1998 and in 2000, the European Commission Directorate-General for the Environment, Nuclear Safety and Civil Protection, the International Atomic Energy Agency (IAEA), the OECD Nuclear Energy Agency (NEA) and the CEPN (the IAEA European Technical Centre) are jointly organising and sponsoring the Third IAEA European Workshop on Occupational Exposure Management at Nuclear Power Plants. This workshop is targeted to radiation protection professionals (radiological protection managers and senior staff members) from all types of Nuclear Power Plants (NPPs), contractors and Radiological Protection Authorities.

The workshop will:

- provide a large forum for operators to exchange practical information and experience on occupational exposure issues at NPPs,
- allow vendors to present their recent products,
- give an opportunity to participate in plenary sessions, poster presentations, small group discussions and vendors exhibition.

New challenges for Radiological Protection such as the management of contamination control or a common radiological safety culture within nuclear utilities and contractors, will be addressed during plenary sessions. Special attention will be given to the work in small groups which gave during the first two Workshops an opportunity for very fruitful international exchanges.

We will be glad to welcome the two «awarded» presentations from the 2001 North American International Symposium and to select the best European presentations that will be presented in 2003 ALARA Symposium in Florida, USA.

Such events have proved, both in Europe and in America, that they are an important and efficient channel to improve the implementation of the ALARA principle in NPPs. We are sure that this Workshop will confirm it again.

C. Lefaire
Project Leader
ISOE ETC, CEPN

PROGRAMME COMMITTEE

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European Commission, DG ENV.

VOLENT Gabor
Paks NPP, Hungary

CONFERENCE LANGUAGE

The official language of the Workshop is English but, in order to facilitate a wide participation, oral presentations may be given also in French, German, Russian or Spanish and will be simultaneously translated into English.

PROVISIONAL PROGRAMME

Tuesday 16th of April 2002

Optional: **the visit of the Krsko NPP**

A bus will pick-up participants at the hotel in Ljubljana in the morning. After the NPP visit, in the afternoon, the bus will take the participants directly to their hotels in Portoroz.

14:00	Installation of posters and commercial exhibition booths
15:00	Registration
19:00	Welcome Reception Buffet
21:00	End

Wednesday 17th of April 2002

08:30	Registration
08:30	Exhibition Opening
09:00	Conference Opening (Slovenian representatives, ISOE Chairman, ENS, EC, ETC)

Introductory Session

Chairmen: S. Rozman, Director of Krsko NPP, Slovenia / D. Sever,
Chief Health Inspector of the Republic of Slovenia

- ISOE System History presentation
C. Viktorsson, SKI, Sweden
- Risks at low doses
A. Gonzalez, IAEA.
- Space radiation dosimetry
S. Deme, KFKI AEKI, Hungary.
- ISOE 10th Anniversary report presentation
S. Mundigl, NEA / M. Gustafsson, IAEA.

Session 1: Implementation and practical consequences of the Basic Safety Standards

Chairmen: J.I. Lequerica, CSN, Spain /
S. Kaiser, European Commission

- Implementation of European Directives concerning occupational exposure in the applicant countries
K. Schnuer, European Commission.
- The system of radiological protection in the National Regulations in Europe
C. Lefaure, CEPN, France.
- Implementation of the Basic Safety Standards in IAEA developing Member States: A Unique Experience
K. Mrabit, M. Gustafsson, IAEA.
- The New German Radiation Protection Ordinance
G. Weimer *et al.*, Bundesministerium für Umwelt, Naturschutz und Reaktorsicherheit, Germany.
- Implementation of the BSS in the UK
W. Bines, HSE, UK.

12:30-14:00 Lunch

- Protection against Ionising Radiation and Nuclear Safety Act in Slovenia
R. Tavzes *et al.*, Ministry of Environment and Spatial Planning, Slovenia.
- Radiation Protection Regulations in Slovakia and Application of BSS and EC Council Directives Provisions
D. Viktory, State Health Institute, Slovakia.
- Transposition of Requirements set out in the Basic Safety Standard for Nuclear Facilities in Lithuania
G. Klevinskas *et al.*, Radiation Protection Centre, Lithuania.
- New French regulation on optimization: implementation at EDF Nuclear Power Plants
J. Lebeau, Tricastin NPP, France.

Works in Groups (1h30)

18:00 Conference closing

18:30 Exhibition closing

Thursday 18th of April 2002

08:30 Registration

08:30 Exhibition Opening

Session 2: ALARA Management

Chairmen: S. Mundigl, NEA / M. Meyer, Philippsburg NPP, Germany

- Co-60 problems at Quad Cities
E. Anderson, Nuclear Energy Institute, USA.
- Impact of main radiological pollutants on contamination risks (ALARA). Optimisation of physico chemical environment and retention technics during operation and shutdown
A. Rocher *et al.*, EDF-GPR, France.
- Fuel decontamination - One way to drastically lower mandoses in LWR
E. Fredriksson *et al.*, Westinghouse, Sweden / G. Granath, Ringhals NPP, Sweden.
- Steam generator replacement from ALARA aspects
I. Terry *et al.*, Framatome ANP, Germany / B. Breznik, Krsko NPP, Slovenia.
- Experience from Steam Generator Replacement
A. Petrov, Balokovo NPP, Russia.
- Applying ALARA for replacements of steam generator feedwater distribution pipes at Paks NPP
G. Volent, I. Metzger, Paks NPP, Hungary.
- Replacement of neutron absorber in the spent fuel pool storage facility of Tihange 3: An ALARA approach
L. Vermeulen, Tihange NPP, Belgium.
- Analysis of the doses associated with the spent fuel shipments from the French NPPs: are they ALARA?
J.-P. Degrange *et al.*, CEPN, France / Leroy, EDF, France.
- Assuring conditions for minimization of occupational exposure during unloading, transportation and disposal of spent nuclear fuel
V. Atoyán, H. Muradayan, Armenian NPP, Armenia.

12:30-14:00 Lunch

Session 3: A common radiological Safety Culture within nuclear utilities and contractors

Chairmen: A. Gonzalez, IAEA / S. Morris, British Energy, UK

- Enhancement of Radiological Safety Culture within Ignalina NPP and Contractors
G. Klevinskas, Radiation Protection Centre, Lithuania.
- About the interest of an agreement for a European passport for workers in European nuclear fuel cycle installations
M. Gonin *et al.*, EDF GDF, France / JM. Giraud *et al.*, CEA, France / B. Quesne, COGEMA, France.
- A Swedish dose passport - contractor's point of view
M. Andersson, Westinghouse, Sweden.
- The BNFL Legal Electronic Personal Dosimetry Service
A. Weeks, BNFL, UK.
- CDRL – Company Dose Restriction Level
S. Morris, British Energy, UK.
- Commonality Initiatives in US Nuclear Power Plants to Improve Radiation Protection Culture & Worker Efficiency
D. Miller, Illinois University, USA / R.L. Doty, Susquehanna, USA.
- Industrial accidents in radiological controlled areas: the importance of radiation protection in the organisation of emergency aid
E. Laporte, Saint-Alban NPP, France / JL. Fenolland, Golfech NPP, France.
- Radiological protection self-assessment program at San Onofre NPP
S. Schofield, San Onofre NPP, USA.

Works in Groups (1h)

- 18:00** Conference closing
- 18:30** Exhibition closing

Friday 19th of April 2002

08:30 Registration

08:30 Exhibition Opening

09:00-10:00 Report from the Discussions Groups in Plenary Session

Session 4: Management of contamination control

Chairmen: Y. Garcier, EDF, France / C.-G. Lindvall, Barsebäck NPP, Sweden

- Hot Particle Issues associated with a Spent Fuel Pool Cleanout Project
R.L. Doty, R.C. Kessler, PPL Susquehanna, USA.
- Control and Management of the Alpha Contamination Risk during Cattenom 3 outage and Feedback experience
JF. Labouglie, Cattenom NPP, France / A. Roupioz, EDF-GPR, France.
- Dose assessments from Whole-Body measurements - the approach at NPP Kozloduy
G. Valtchev *et al.*, Kozloduy NPP, Bulgaria
- Contamination control at the exit from radiation controlled area and NPP site at Bohunice NPP
J. Svitek, Bohunice NPP, Slovakia.
- *Combined presentation:* Radiological Assessment of Radioactive Contamination on Private Clothing / Radioactive contamination on private clothing
S. Thierfeldt, Brenk Systemplanung GmbH, Germany / M. Meyer, Philippsburg NPP, Germany.
- Practical limitations of monitoring personal contamination at a PWR
M. Lunn, G. Renn, Sizewell B NPP, UK.

12:30 Best Papers Awards and Conference closing

13:00 Exhibition closing

13:00-14:30 Lunch

In conjunction with the ISOE Workshop on occupational exposure management at NPPs, the IAEA organises within its regional project RAS/9/022 an expert meeting on 22-24 April 2002 with participants from China, Korea and Pakistan.

POSTERS (Last Call)

A Poster Exhibition will take place simultaneously with the Workshop conference. It remains possible to propose your contributions until the end of February 2002.

A short paper should illustrate the poster. It will be published in the Proceedings.

AUTHORS

Authors will be individually informed by the Programme Committee on the details concerning their papers. The papers must be received by the 15th of March 2002.

COMMERCIAL EXHIBITION

A Commercial Exhibition will take place simultaneously with the Workshop conference. Some exhibition spaces are still available and registrations are accepted until the end of March 2002.

INFORMATION

Please, contact the Organising Committee:

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