

President of the Conference:

R. Meserve, USA

Conference Secretariat:

Scientific Secretary: M. Lipár, IAEA
Conference Organizers: R. Perricos, IAEA
E. Janisch, IAEA
Local Organizers: G. Deng, CAEA, China
L. Guo, NNSA, China
Secretarial Support: B. Amir, IAEA

Location of the Conference:

XIYUAN Hotel

1 Sanlihe Road
Beijing 100044
China

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Working Language: English

Resolutions: No resolutions may be submitted for consideration on any subject; no votes will be taken.

TIMETABLE

Sunday, 17 October 2004

16:00 – 19:00 Registration

Monday, 18 October 2004

08:00 Registration
09:00 – 10:30 Opening Session
10:30 – 11:00 Coffee Break
11:00 – 12:00 Opening Session (continued)
12:00 – 13:00 Lunch Break
13:00 – 16:00 Topical Issue 1:
Changing environments – coping with
diversity and globalization
16:00 – 17:00 Coffee Break and Poster Viewing Session
17:00 – 18:00 Discussion
18:30 Reception

Tuesday, 19 October 2004

09:00 – 10:30 Topical Issue 2:
Operating experience – managing changes
effectively
10:30 – 11:00 Coffee Break
11:00 – 12:30 Topical Issue 2 (continued)
12:30 – 14:00 Lunch Break
14:00 – 15:30 Topical Issue 2 (continued)
15:30 – 16:30 Coffee Break and Poster Viewing Session
16:30 – 17:30 Discussion

Wednesday, 20 October 2004

09:00 – 10:30 Topical Issue 3:
Regulatory management systems – adapting
to changes in the environment
10:30 – 11:00 Coffee Break
11:00 – 12:30 Topical Issue 3 (continued)
12:30 – 14:00 Lunch Break
14:00 – 15:30 Topical Issue 3 (continued)
15:30 – 16:30 Coffee Break and Poster Viewing Session
16:30 – 17:30 Discussion

Thursday, 21 October 2004

09:00 – 10:30	Topical Issue 4: Long term operations – maintaining safety margins while extending plant lifetimes
10:30 – 11:00	Coffee Break
11:00 – 12:30	Topical Issue 4 (continued)
12:30 – 14:00	Lunch Break
14:00 – 15:30	Topical Issue 4 (continued)
15:30 – 16:30	Coffee Break and Poster Viewing Session
16:30 – 17:30	Discussion

Friday, 22 October 2004

09:00 – 10:30	Closing Session
10:30 – 11:00	Coffee Break
11:00 – 12:00	Closing Session (continued)
12:00	Closing of the Conference
14:00	Optional technical visits

Monday, 18 October 2004

08:00 **Registration**

Opening Session

Chairperson: K. Brockman, IAEA

09:00

Opening addresses:

H. Zhang, China

Chairman of the China Atomic Energy
Authority (CAEA)

T. Taniguchi, IAEA

Deputy Director General for Nuclear Safety
and Security

09:30

Conference President's address:

R.A. Meserve, USA

Keynote addresses:

09:50

L. Echávarri, OECD/NEA

NEA strategic plan for 2005 – 2010:
Nuclear safety, the top priority

10:10

W. Cavanaugh, WANO

WANO prospects for nuclear power: The role
of safety

10:30

Coffee Break

Keynote addresses (continued):

11:00

N.J. Diaz, USA

Critical thinking about the past, present, and
future of nuclear power

11:20

S. Matsuura, Japan

Overview on activities of the nuclear safety
commission of Japan for ensuring nuclear
safety in Japan

11:40

G. Li, China

Status and requirements of regulatory
authority for the operating NPPs in China

12:00

Lunch Break

Topical Issue 1: Changing environments – coping with diversity and globalization

Chairperson: L. Williams, UK

- 13:00 **J. Versteeg, IAEA**
Changing environments - coping with diversity and globalization
- 13:30 **A. Parvez, Pakistan**
A practical approach to applying the new IAEA safety standards based national licensing requirements to Chashma NPP Unit-2
- 13:50 **J. Repussard, France**
The challenge of sustainable development in the nuclear field: Research is more than ever a vital component of nuclear safety and radioprotection policies
- 14:10 **M. Bergman, Norway**
Risk based methodologies for nuclear facilities
- 14:30 **Y. Kaluzny, France**
Globalization in the nuclear industry developing technology - Framatome ANP's experience
- 14:50 **E. W. Merschoff, USA**
Harmonization of regulatory frameworks for the design certification of future reactors
- 15:10 **P. Risoluti, IAEA**
The joint convention on the safety of spent fuel management and the safety of radioactive waste management
- 15:30 **J.-H. Hong, Korea, Republic of**
Challenges of global nuclear community to the changing environments

16:00 *Coffee Break and Poster Viewing Session*

17:00 Discussion

17:30 *Adjourn*

18:30 **Reception**

Tuesday, 19 October 2004

Topical Issue 2: Operating experience – managing changes effectively

**Chairpersons: L. Echávarri, OECD/NEA
G. Servièrè, France**

09:00 **H. Werdine, IAEA**
Operating experience – managing changes effectively

09:30 **R. Taylor, UK**
Learning from disasters

10:00 **H. Robineau, France**
Global safety assessment at Electricité de France and operational feedback

10:30 *Coffee Break*

11:00 **L. Keen, Canada**
Managing operational performance: The Canadian nuclear regulatory perspective

11:20 **F.P. Gillespie, USA**
Operating experience – getting the most of industry trend information

11:40 **J.M. Diaz-Francisco, Brazil**
Recent events reveal the need to enhance the efficiency of the use of operational experience

12:00 **K. Shimomura, OECD/NEA**
Operational experience - NEA activities and results

12:30 *Lunch Break*

Topical Issue 2: Operating experience – managing changes effectively (continued)

- 14:00 **J. Rónaky, Hungary**
International Nuclear Advisory Group (INSAG) activities in operational experience feedback
- 14:20 **F. Bouteille, France**
The European pressurized water reactor (EPR): An advanced evolutionary design
- 14:40 **J.J. LaPlatney, France**
Sizewell B maintenance and refueling project - a case study in globalization issues
- 15:00 **A.S. Greenman, USA**
Achieving successful communications

15:30 *Coffee Break and Poster Viewing Session*

16:30 Discussion

17:30 *Adjourn*

Wednesday, 20 October 2004

Topical Issue 3: Regulatory management systems – adapting to changes in the environment

**Chairpersons: E.W. Merschoff, USA
A.-C. Lacoste, France**

- 09:00 **D. Delattre, IAEA**
Regulatory management systems – adapting to changes in the environment
- 09:30 **J. Melin, Sweden**
Changes in the environment of the nuclear community are challenging the regulators of nuclear safety
- 10:00 **J. Laaksonen, Finland**
Radiation and Nuclear Safety Authority (STUK) experience with licensing of Olkiluoto Unit 3

10:30 *Coffee Break*

- 11:00 **K. Abe, Japan**
Outlook of risk informed regulation in Japan
- 11:20 **Y.S. Eun, Korea, Republic of**
Communication to the public: A Korean approach to build public confidence in nuclear regulation
- 11:40 **R. Wang, China**
China safety regulatory inspection of the operating NPPs
- 12:00 **A.B. Malyshev, Russian Federation**
Experience with licensing of Russian NPP operation extension

12:30 *Lunch Break*

Topical Issue 3: Regulatory management systems – adapting to changes in the environment (continued)

- 14:00 **D. Drábová, Czech Republic**
Safety as high and internationally harmonized as reasonably achievable - nuclear regulators facing globalization
- 14:20 **J.A. Hashmi, Pakistan**
Application of IAEA nuclear safety standards to licensing of Chashma Nuclear Power Plant Unit 2
- 14:40 **V. Gryshenko, Ukraine**
Experience with licensing of CH2/R4 and results of IAEA/SNRCU Seminar on safe commissioning of NPPs
- 15:00 **J. Craig, USA**
Phased approach to attaining PRA quality

15:30 *Coffee Break and Poster Viewing Session*

16:30 Discussion

17:30 *Adjourn*

Thursday, 21 October 2004

Topical Issue 4: Long term operations – maintaining safety margins while extending plant lifetimes

**Chairpersons: S.M. Berg, WANO
J.A. Azuara, Spain**

09:00	R. Havel, IAEA Long term operations – maintaining safety margins while extending plant lifetimes
09:30	A.-C. Lacoste, France French approach to plant safety reassessment; the benefits of visits to European nuclear fuel fabrication plants
10:00	F.P. Gillespie, USA Safe long term operation of water - moderated reactors: The need to index, integrate, and implement existing international databases
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10:30	<i>Coffee Break</i>
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11:00	P.G. Medvedev, Russian Federation Life time extension of Russian nuclear power plants
11:20	L. Stricker, France The nuclear <u>s</u> afety, <u>a</u> vailability, <u>r</u> adiation protection and <u>e</u> nvironment <u>o</u> bservatory “SAREO” at EDF. A tool for optimizing safety in term of major decisions
11:40	R. Venkata Raman, India Life extension and safety upgrading in Indian NPPs – a regulatory perspective
12:00	K. Rovný, Slovakia Ageing management programs and their implementation in nuclear power plants in Slovakia
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12:30	<i>Lunch Break</i>
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Topical Issue 4: Long term operations – maintaining safety margins while extending plant lifetimes (continued)

- 14:00 **L. Hahn, Germany**
Challenges to maintain the safety level of NPP in Germany
- 14:20 **J. Sanoh, Japan**
Diversity in programming R&D for ageing of nuclear power plants in Japan
- 14:40 **J. Zdarek, Czech Republic**
WWER design basis documentation management system
- 15:00 **S.R. Gorlin, WNA**
Coping with a new linguistic environment – the expanding role of English within the nuclear industry

15:30 *Coffee Break and Poster Viewing Session*

16:30 Discussion

17:30 *Adjourn*

Friday, 22 October 2004

Closing Session

Chairperson: J. Pu, China

09:00

Panel Discussion

Panellists:

S.M. Berg, WANO

K. Brockman, IAEA

J.F. Diaz, Brazil

L. Echávarri, OECD/NEA

B. Estève, France

Y.S. Eun, Korea, Republic of

E.W. Merschoff, USA

R. Taylor, UK

L. Stricker, France

10:30

Coffee Break

Closing Session (continued)

11:00 **R.A. Meserve, USA**
President's overview of recommendations

11:30 **K. Brockman, IAEA**
Closing remarks

12:00 Closing of the Conference

14:00 Optional technical visits

PARTICIPATION IN IAEA SCIENTIFIC MEETINGS

Governments of Member States and those organizations whose activities are relevant to the meeting subject matter are invited to designate participants in IAEA scientific conferences and symposia. In addition, the IAEA itself may invite a limited number of scientists as invited speakers. Only participants designated or invited in this way are entitled to present papers and take part in the discussions.

Representatives of the press, radio, television or other information media and members of the public, the latter as “observers”, may also be authorized to attend, but without the right to take part in the proceedings.

Scientists interested in participating in any of the IAEA meetings should request information from the Government authorities of their own countries, in most cases the Ministry of Foreign Affairs or national atomic energy authority.

PUBLICATIONS

Proceedings

The proceedings of the conference containing the opening and keynote addresses, invited papers, session summaries, discussions and recommendations, will be published by the IAEA as soon as possible after the conference.

Orders

No registration fee is charged to participants but they are encouraged to order for themselves or on behalf of their supporting organization at least one copy of the proceedings. These can be obtained at the special price of €45 representing half the estimated sales price provided that they are ordered and paid for during the meeting at the Conference Desk.

Other IAEA Publications

All IAEA publications may be ordered at the Conference Desk or directly from the Sales and Promotion Unit, International Atomic Energy Agency, P.O. Box 100, A-1400 Vienna, Austria.

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Email: sales.publications@iaea.org

Internet:

<http://www-pub.iaea.org/MTCD/publications/publications.asp>

AGENCY PUBLICATIONS RELATED TO THE SUBJECT OF THE CONFERENCE

STI/PUB/759	Safety Aspects of the Ageing and Maintenance of Nuclear Power Plants. Proceedings of a conference held in Vienna, 29 June - 3 July 1987 (Proceedings Series)	1988
STI/PUB/1132	Documentation for Use in Regulating Nuclear Facilities Safety Guide (Safety Standards Series No. GS-G-1.4)	1989
STI/DOC/010/338	Methodology for the Management of Ageing of Nuclear Power Plant Components Important to Safety (Technical Reports Series No. 338)	1992
STI/PUB/1157	Periodic Safety Review of Nuclear Power Plants Safety Guide (Safety Standards Series No. NS-G-2.10)	1992
STI/PUB/902	Data Collection and Record Keeping for the Management of Nuclear Power Plant Ageing (Safety Series No. 50-P-3)	1992
STI/PUB/1178	Maintaining the Design Integrity of Nuclear Installations Throughout Their Operating Life (INSAG Series No. 19)	1995
STI/PUB/1052	Equipment Qualification in Operational Nuclear Power Plants: Upgrading, Preserving and Reviewing (Safety Reports Series No. 3)	1998
STI/PUB/1072	Implementation and Review of a Nuclear Power Plant Ageing Management Programme (Safety Reports Series No. 15)	1999

STI/PUB/1085	Safe Management of the Operating Lifetimes of Nuclear Power Plants (INSAG Series No. 14)	1999
STI/PUB/1093	Legal and Governmental Infrastructure for Nuclear, Radiation, Radioactive Waste and Transport Safety, Safety Requirements (Safety Standards Series No. GS-R-1)	2000
STI/PUB/1096	Safety of Nuclear Power Plants: Operation Safety Requirements (Safety Standards Series No. NS-R-2)	2000
IAEA-TECDOC-1226	Managing Change in Nuclear Utilities (IAEA TECDOC Series No. 1226)	2001
IAEA-SVS-08	Guidelines for IAEA International Regulatory Review Teams (IRRTs) (IAEA Services Series No. 8)	2002
STI/PUB/1115	The Operating Organization for Nuclear Power Plants Safety Guide (Safety Standards Series No. NS-G-2.4)	2002
STI/PUB/1128	Review and Assessment of Nuclear Facilities by the Regulatory Body Safety Guide (Safety Standards Series No. GS-G-1.2)	2002
STI/PUB/1129	Organization and Staffing of the Regulatory Body for Nuclear Facilities Safety Guide (Safety Standards Series No. GS-G-1.1)	2002
STI/PUB/1130	Regulatory Inspection of Nuclear Facilities and Enforcement by the Regulatory Body Safety Guide (Safety Standards Series No. GS-G-1.3)	2002

IAEA-SVS-10	Prosper Guidelines (IAEA Services Series No. 10)	2003
STI/PUB/1172	Independence in Regulatory Decision Making (INSAG Series No. 17)	2003
STI/PUB/1173	Managing Change in the Nuclear Industry: The Effects on Safety (INSAG Series No. 18)	2003
IAEA Website:	http://www-ns.iaea.org/projects/salto Extrabudgetary Programme on Safety aspects of long term operation of water moderated reactors (IAEA, Vienna 2004)	

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FORTHCOMING SCIENTIFIC MEETINGS SCHEDULED BY THE IAEA

2004

International Conference on Isotopes in Environmental Studies – Aquatic Forum 2004
25–29 October, Monaco

20th IAEA Fusion Energy Conference
1–6 November, Vilamoura, Portugal

RERTR-2004 International Meeting on Reduced Enrichment for Research and Test Reactors
7–12 November, Vienna, Austria

International Symposium on the Disposal of Low-Activity Radioactive Waste
13–17 December, Cordoba, Spain

2005

International Conference on Nuclear Security: Global Directions for the Future

16–18 March, London, UK

International Conference on Nuclear Power for the 21st Century

April, Paris, France

International Conference on Area-Wide Control of Insect Pests: Integrating the Sterile Insect and Related Nuclear and other Techniques

9–13 May, Vienna, Austria

International Symposium on Utilization of Accelerators

5–9 June, Dubrovnik, Croatia

International Symposium on Uranium Production and Raw Materials for the Nuclear Fuel Cycle – Supply and Demand, Economics, the Environment and Energy Security

20–24 June, Vienna, Austria

International Conference on the Safety and Security of Radioactive Sources: Towards a Global System for the Continuous Control of Sources throughout their Life Cycle

27 June–1 July, Bordeaux, France

International Conference on the Safety of Radioactive Waste Disposal

3–7 October, Tokyo, Japan

International Symposium on Trends in Radiopharmaceuticals

10–14 October, Vienna, Austria

International Symposium on Characterization and Quality Control of Nuclear Fuel

17–21 October, Vienna, Austria

International Conference on Operational Safety Performance in Nuclear Installations

30 November–2 December, Vienna, Austria

For information on forthcoming scientific meetings, please consult the

IAEA website: <http://www.iaea.org/>

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