

President of the Conference:

J. Repussard, France

Programme Committee:

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S. Bogdan, Russian Federation
I. Sokolova, Russian Federation
J.E. Ramsey, USA

Conference Secretariat:

Scientific Secretaries: K. Mrabit, IAEA
M. Heitsch, IAEA

Conference Coordination: D. Umgeher, IAEA
A. Yesli, IAEA

Local Organizer: Y. Yamamoto, Japan
A. Iwamoto, Japan

Editor: E. Bergschneider, IAEA

Secretarial Support: T. Velanguparackel, IAEA

Venue of the Conference:

National Museum of Emerging
Science and Innovation (Miraikan)
2-3-6, Aomi, Koto-ku
Tokyo, 135-0064
Japan

Tel.: +81-3-3570-9151 (Main)
Fax: +81-3-3570-9150
<http://www.miraikan.jst.go.jp/en/>

Working Language: English

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

TIMETABLE

Monday, 25 October 2010

16:00–18:30 Registration at the Miraikan
18:30–20:00 Reception at the Hotel Nikko Tokyo

Tuesday, 26 October 2010

08:00 Registration
09:30–12:30 **Opening Session**
12:30–14:00 Lunch Break
14:00–15:30 **Topical Issue 1:**
Roles, Functions and Values that Guide TSOs
15:30–16:00 Coffee Break and Poster Viewing Session
16:00–17:30 **Topical Issue 1 (cont'd)**
17:30–18:30 Discussion

Wednesday, 27 October 2010

09:00–10:00 **Topical Issue 2:**
Technical and Scientific Support for Nuclear Safety Infrastructure Development and Capacity Building
10:00–10:30 Coffee Break
10:30–12:30 **Topical Issue 2 (cont'd)**
12:30–13:00 Discussion
13:00–14:30 Lunch Break
14:30–16:00 **Topical Issue 3:**
The Emerging Need for Nuclear Security Technical and Scientific Support
16:00–16:30 Coffee Break and Poster Viewing Session
16:30–17:30 **Topical Issue 3 (cont'd)**
17:30–18:30 Discussion

Thursday, 28 October 2010

09:00–10:00 **Topical Issue 4:**
Nuclear Safety and Nuclear Security Networking and Centres of Excellence
10:00–10:30 Coffee Break
10:30–11:30 **Topical Issue 4 (cont'd)**
11:30–12:30 Discussion
12:30–14:30 Lunch Break
14:30–17:00 **Closing Session**
Panel Discussion:
Actions Needed to Move Forward
President's Summary and
Conclusions of the Conference
Closing of the Conference

Friday, 29 October 2010

Technical or Cultural Visit
ANSN Regional Meeting

Monday, 25 October 2010

16:00–18:30 Registration at the Miraikan
18:30–20:00 Reception at the Hotel Nikko Tokyo

Tuesday, 26 October 2010

08:00 Registration

Opening Session

09:30 **Welcome Address:**
Vice Minister, Japan
Ministry of Economy, Trade and Industry

Opening Addresses:
D. Flory, IAEA
Deputy Director General
Head of Department of Nuclear Safety and Security

N. Terasaka, Japan
Director General of
Nuclear and Industrial Safety Agency (NISA)

A.-C. Lacoste, France
President of
Autorité de Sûreté Nucléaire (ASN)

K. Sogabe, Japan
President of
Japan Nuclear Energy Safety Organization
(JNES)

J. Repussard, France
Conference President
Director General of
Institut de Radioprotection et de Sûreté
Nucléaire (IRSN)

10:30 **Keynote panel:**
Challenges in enhancing the global nuclear
safety and nuclear security regime. How can
technical and scientific support contribute?

Chairperson: **J. Repussard, France**

Panelists: **A.M. Dela Rosa, Philippines**
G. Felgate, WANO
Y. Nakagome, Japan
M. Weber, USA
B. De Boeck, Belgium
J. Jalouneix, France

Discussion

12:30–14:00 *Lunch Break*

Topical Issue 1: Roles, Functions and Values that Guide TSOs

Chairpersons: **A. Amirjanyan, Armenia**
W. Jiang, China

14:00 **H.J. Steinhauer, Germany**
Lead-in presentation: Roles, functions and
values that guide TSOs

14:30 **Y.W. Park, Korea, Republic of**
Knowledge creation, management and
sharing

15:00 **A. Buzyn, France**
The role of the TSOs in performing
nuclear safety and nuclear security research

15:30–16:00 *Coffee Break and Poster Viewing Session*

16:00 **T. Jamieson, Canada**
Regulator's perspective on rules of conduct
for TSOs

16:30 **I. Graham, Australia**
Recent experience and possible
development in TSO contribution to public
outreach: An Australian perspective

17:00 **K. Huda, Indonesia**
Recent experience and possible
development in TSO contribution to public
outreach: An Indonesian perspective

17:30 Discussion

18:30 *Adjourn*

Wednesday, 27 October 2010

Topical Issue 2:	Technical and Scientific Support for Nuclear Safety Infrastructure Development and Capacity Building
Chairpersons:	J. Sharaf, Jordan S. Tzotchev, Bulgaria
09:00	W. Travers, UAE Lead-in presentation: Technical and scientific support for nuclear safety infrastructure development and capacity building
09:30	D.N. Ngo, Vietnam Identifying and addressing the support needs in Member States intending to launch nuclear power programmes and lessons learned
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10:00–10:30	<i>Coffee Break</i>
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10:30	N. Kutin, Russian Federation Identifying and addressing the support needs in Member States intending to expand existing nuclear power programmes and lessons learned
11:00	L.F.C. Conti, Brazil Identifying and addressing the support needs in relation to medical and industrial applications of ionizing radiation and lessons learned
11:30	T. Kusunoki, Japan Support required for safety management of research reactors, especially those in extended shutdown
12:00	J. Reig, Organization for Economic Co-operation and Development OECD/NEA The role of OECD/NEA in promoting capacity building and infrastructure development
12:30	Discussion
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13:00–14:30	<i>Lunch Break</i>

Topical Issue 3:	The Emerging Need for Nuclear Security Technical and Scientific Support
Chairpersons:	A. Nilsson, IAEA G. Emi-Reynolds, Ghana
14:30	M. Layton, USA Lead-in presentation: The emerging need for nuclear security technical and scientific support
15:00	G.P. Srivastava, India Identifying and addressing support needs for ensuring nuclear security in licensed facilities and activities
15:30	A. Çaoui, Morocco Identifying and addressing support needs for preventing, detecting and responding to malicious acts involving nuclear and other radioactive material
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16:00–16:30	<i>Coffee Break and Poster Viewing Session</i>
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16:30	M. Khaliq, Pakistan Possible modes of establishing nuclear security technical and scientific support in Member States intending to launch or expand nuclear power programmes
17:00	J. Jalouneix, France Experiences in providing nuclear security technical and scientific support
17:30	Discussion
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18:30	<i>Adjourn</i>

Thursday, 28 October 2010

**Topical Issue 4: Nuclear Safety and Nuclear Security
Networking and Centres of Excellence**

**Chairpersons: S.B. Elegba, Nigeria
Y.W. Park, Korea, Republic of**

- 09:00 **K. Mrabit, IAEA**
Lead-in presentation: Nuclear safety and nuclear security networking
- 09:30 **K. Tomita, Japan**
Developing virtual TSO networks based on the experience with the Asian Nuclear Safety Network (ANSN)

10:00–10:30 *Coffee Break*

- 10:30 **S. Vuori, Finland**
Experience with the European TSO Network (ETSON) as an example of a regional TSO network
- 11:00 **E. Kryuchkov, Russian Federation**
Conducting education, training and research in a globalized environment
- 11:30 Discussion

12:30–14:30 *Lunch Break*

Closing Session

Chairperson: J. Repussard, France

14:30 **Panel Discussion**
Actions Needed to Move Forward

Panelists: **J. Tian, China**
R.A.A. Raja Adnan, Malaysia
P. Lyons, USA
H.J. Steinhauer, Germany
D. Flory/A. Nilsson, IAEA

16:00 **J. Repussard, France**
President's Summary and Conclusions of the Conference

17:00 *Closing of the Conference*

Friday, 29 October 2010

Technical or Cultural Visit

Asian Nuclear Safety Network (ANSN) - Regional Meeting
"21st Century Capacity Building and Virtual TSO in Asia"

LIST OF CONTRIBUTED PAPERS/POSTERS

Posters will be displayed throughout the duration of the Conference. Poster authors are requested to be at their posters for discussion with interested participants during the afternoon coffee breaks on Tuesday, 26 and Wednesday, 27 October 2010.

No of Poster IAEA-CN-181/	Name	Designating Member State/ Organization	Title of paper
01	A. Mikhalevich	Belarus	State Program on Scientific Support of Nuclear Power Development in Belarus
03	D. Lobach H. Teske	Belarus Germany	Approaches to Technical and Scientific Support for the Nuclear Regulatory Body in Belarus
04	F.C.A. Da Silva P.R. Ferreira L.E.C. Matta M.A.L. Peres J.M. Godoy M.A.V. Alencar M.T. Carlos D. Souza-Santos J.C. Leocadio M.S. Oliveira	Brazil	Activities of Institute of Radiation Protection and Dosimetry/Brazil as Technical and Scientific Support Organization on Occupational Radiation Protection
05	N.S. Mahmoud	Egypt	For Optimum Safety Technologies: Understanding Relations between the Different National Authorities and the Technical Support Organizations
06	S. Mohammed	Ethiopia	Emerging Need for Nuclear Security – Technical and Scientific Support
07	É. Széles A. Kovács T. Bíró	Hungary	Hungarian Experience in the Role of a Technical Support Organization – Expert Support and R&D Activities in Nuclear Safeguards and Forensics, Participation in International Cooperation

No of Poster IAEA-CN-181/	Name	Designating Member State/ Organization	Title of paper
08	G. Macsuga T. Berki I. Neubauer	Hungary	R&D Policy of the Hungarian Atomic Energy Authority
09	S.B. Utami	Indonesia	Regulatory Challenges Faced First Indonesia NPPs by Independent TSOs
10	K. Huda	Indonesia	Considerations on Establishment of an Independent TSO in Indonesia
11	E.M. Ngotho	Kenya	Launching a Nuclear Power Programme in a Developing Country – Technical and Scientific Support Organisations (TSO) in Capacity Building
12	E. Uspuras	Lithuania	The Role of Lithuanian TSO in View of Changing Nuclear Situation in Lithuania
13	L. Nikolovska T. Trajcev G. Bogojevski S. Nikolovski	Macedonia, The Former Yugoslav Republic of	The Role of Institute of Public Health as a Technical Support Organization in Radiation Monitoring of Scrap Metal Shipments in Republic of Macedonia
14	N. Mod Ali	Malaysia	Challenges in Strengthening Radiation Safety and Security Programme in Malaysia

No of Poster IAEA-CN-181/	Name	Designating Member State/ Organization	Title of paper
15	A. Buzdugan A. Buzdugan	Moldova, Republic of	Technical and Scientific Support Organizations and Strengthening of Nuclear Regulation (Case Study of Moldova)
16	E. Batjargal	Mongolia	Nuclear and Radiation Safety in Mongolia
17	S. Jovanovic	Montenegro	University Centres of Nuclear Competence as TSO's in Small Non-nuclear Countries – Example of Montenegro
18	S.A. Mallick U. Habib M.A. Mehdi	Pakistan	Challenges in Developing TSO to Provide Technical Support in Nuclear Safety and Security to Pakistan Nuclear Regulatory Authority
19	L. Biro C. Ciurea-Ercau	Romania	Role of Cooperation Activities for Capacity Building of Romanian Regulatory Authority (CNCAN)
20	G. Vieru	Romania	An Overview of the Scientific Support Needed to Establish and Maintain a Sustainable Nuclear Security Regime in Romania
21	V. Potapov M. Kuznetsov E. Kapralov	Russian Federation	The Specific Tasks of RF TSO – FSUE VO "Safety", Related with Implementation of Obligations under the Convention on Nuclear Safety

No of Poster IAEA-CN-181/	Name	Designating Member State/ Organization	Title of paper
22	H. Janzekovic	Slovenia	Inspection Practice and a Role of TSO
23	G. Gromov S. Kondratiev I. Kutina D. Bachner S. Kuechler D. Denver	Ukraine Germany/ France USA	International Cooperation on Technical Support for Regulation of Safety-related Activities on the Transformation of the Destroyed Chernobyl Nuclear Power Plant Power Unit into an Ecologically Safe System
24	A. Madonna G. Orsini	Italy	Needs, Requirements and Challenges for Technical Support to Nuclear Safety Authority
25	T. Nagata	Japan	Activities of Japan Nuclear Technology Institute, Japanese TSO of Industry
26	C. Serres F. Besnus D. Gay	France	IRSN Safety Research Carried Out for Reviewing Geological Disposal Safety Case
27	M. Nakagawa	Japan	Lessons Learnt from the Capacity Building Activities for Asian Countries
28	K. Tsuruga	Japan	Effective Use of Plant Simulators and Mock-up Facilities for Cultivation and Training of Younger Regulators

No of Poster IAEA-CN-181/	Name	Designating Member State/ Organization	Title of paper
29	T. Funahashi	Japan	Emergency Preparedness and its Enhancement in Japan: From Perspectives of Infrastructure Preparation, and Exercise Enhancement
30	K. Ebisawa Y. Uchiyama H. Yamada	Japan	International Contributions of JNES on Seismic Safety Areas
31	I. Otsuka H. Aoki T. Suko Y. Onishi Y. Masuda M. Kato	Japan	Safety Research Activities on Radioactive Waste Management in JNES
32	S. Nishida	Japan	Physical Protection Enhancements in Japan and the Role of JNES
33	H. Endo	Japan	Safety Evaluation for the Proto-type Fast Breeder Reactor MONJU as a Japanese TSO

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 findings of the conference will be published by the IAEA as soon as possible after the conference. In addition, an unedited CD-ROM with all contributed papers will be included.

Orders

No registration fee is charged but participants 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 €48 representing half the estimated sales price provided that they are ordered during the meeting at the Registration Desk.

Web site for IAEA publications related to the subject of the conference

IAEA safety standards and security guidelines:

<http://www-ns.iaea.org/publications/>

Other IAEA publications

All IAEA publications may be ordered at the Registration Desk or directly from:

Marketing and Sales Unit
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Fax: (+43 1) 2600-29302
Email: sales.publications@iaea.org
<http://www.iaea.org/books>

AGENCY PUBLICATIONS RELATED TO THE SUBJECT OF THE CONFERENCE

STI/PUB/1472	The Interface Between Safety and Security at Nuclear Power Plants (INSAG Series No. 24)	2010	STI/PUB/1379	Evaluation of Seismic Safety for Existing Nuclear Installations (IAEA Safety Standards Series No. NS-G-2.13)	2009
IAEA-RDS-2/30	Nuclear Power Reactors in the World 2010 Edition	2010	STI/PUB/1339	Conduct of Operations at Nuclear Power Plants (IAEA Safety Standards Series No. NS-G-2.14)	2008
IAEA-TECDOC-1643	Periodic Safety Review of Nuclear Power Plants: Experience of Member States	2010	STI/PUB/1376	Severe Accident Management Programmes for Nuclear Power Plants (IAEA Safety Standards Series No. NS-G-2.15)	2009
STI/PUB/1458	Operating Experience with Nuclear Power Stations in Member States in 2009 2010 Edition (CD-ROM)	2010	STI/PUB/1349	Improving the International System for Operating Experience Feedback (INSAG Series No. 23)	2008
STI/PUB/1301	Challenges Faced by Technical and Scientific Support Organizations in Enhancing Nuclear Safety Proceedings of an International Conference held in Aix-en-Provence, 23–27 April 2007	2007	STI/PUB/1276	Stakeholder Involvement in Nuclear Issues (INSAG Series No. 20)	2006
STI/PUB/1277	Strengthening the Global Nuclear Safety Regime (INSAG Series No. 21)	2006			
IAEA-CNPP/2010/CD	Country Nuclear Power Profiles – 2010 Edition	2010			
STI/PUB/1350	Nuclear Safety Infrastructure for a National Nuclear Power Programme Supported by the IAEA Fundamental Safety Principles (INSAG Series No. 22)	2008			
STI/PUB/1439	Educational Programme in Nuclear Security (IAEA Nuclear Security Series No. 12)	2010			
STI/PUB/1347	Nuclear Security Culture (IAEA Nuclear Security Series No. 7)	2009			
STI/PUB/1273	Fundamental Safety Principles (IAEA Safety Standards Series No. SF-1)	2007			
STI/PUB/1375	Safety Assessment for Facilities and Activities (IAEA Safety Standards Series No. GSR Part 4)	2009			

FORTHCOMING SCIENTIFIC MEETINGS SCHEDULED BY THE IAEA

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2010

Symposium on International Safeguards: Preparing for Future Verification Challenges
1–5 November, Vienna, Austria

International Symposium on Standards, Applications and Quality Assurance in Medical Radiation Dosimetry
9–12 November, Vienna, Austria

2011

International Symposium on Isotopes in Hydrology, Marine Ecosystems, and Climate Change Studies
27 March–1 April, Monaco

International Conference on Transport Safety and Security: The Next Years of Transport – Creating a Safe, Secure and Sustainable Framework
31 October–4 November, Vienna, Austria

International Conference on Clinical PET and Molecular Nuclear Medicine (IPET-II-2011) - Trends in Clinical PET and Radiopharmaceutical Development
8–11 November, Vienna, Austria

International Conference on Research Reactors: Safe Management and Effective Utilization
14–18 November, Rabat, Morocco

For information on forthcoming scientific meetings, please consult the IAEA web site: <http://www.iaea.org/>

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