

Conference Chairperson:

Ken Ellis

Programme Committee (IAEA):

Peter Tarren
Vesselina Rangelova
Miro Lipar
Fuming Jiang
Dian Zahradka
Helen Rycraft
Robert Krivanek

IAEA Conference Secretariat:

Scientific Secretaries: Peter Tarren

Conference Coordinators: Martina Neuhold
Karen Morrison

Administrative Support: Yannick Ferrari

Location of the Conference:

International Atomic Energy Agency
Vienna International Centre (VIC)
Building C, 4th floor
IAEA Boardroom C
Wagramer Strasse 5
A-1400 Vienna, Austria

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Working Language: English

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

Mobile Conference Application:

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The App allows you to:

- put together your own schedule and view up-to-date programme information;
- view powerpoint presentations of those speakers who have permitted their release after the presentation;
- interact with other participants and using the App submit your questions/comments during the sessions, if you wish to do so;
- towards the end of the conference, we would appreciate it, if you would provide us with your feedback using the evaluation form available at the App.

If you have questions or require assistance on the App., please contact the Registration Desk, outside the conference room, Board Room C, C Building

TIMETABLE

Tuesday, 23 June 2015

- 08:00 - 16:00 Registration and distribution of conference material
- 09:30 - 10:50 Opening Session**
- 10:50 - 11:10 Coffee/Tea Break
- 11:10 - 12:30 Opening Session (cont'd)**
- 12:30 - 14:00 Lunch Break
- 14:00 - 15:20 Session 1: International Operational Safety Peer Reviews**
- 15:20 - 15:45 Coffee/Tea Break
- 15:45 - 17:45 Session 1 (cont'd) : International Operational Safety Peer Reviews**
- 18:00 - 20:00 Welcome Reception

Wednesday, 24 June 2015

- 09:00 - 10:20 Session 2: Corporate Management of Safety**
- 10:20 - 11:00 Coffee/Tea Break Poster Session A
- 11:00 - 12:30 Session 2 (cont'd): Corporate Management of Safety Panel Discussion on Session**
- 12:30 - 14:00 Lunch Break
- 14:00 - 15:30 Session 3: Post-Fukushima Operational Safety Improvements**
- 15:30 - 16:00 Coffee/Tea Break Poster Session A
- 16:00 - 18:30 Session 3 (cont'd): Post-Fukushima Operational Safety Improvements**

Thursday, 25 June 2015

- 09:00 - 10:20 Session 4: Operating Experience**
- 10:20 - 10:40 Coffee/Tea Break Poster Session B
- 10:40 - 12:30 Session 4 (cont'd): Operating Experience**
- 12:30 - 14:00 Lunch Break
- 14:00 - 15:20 Session 5: Leadership and Safety Culture**
- 15:20 - 16:00 Coffee/Tea Break Poster Session B
- 16:00 - 18:00 Session 5 (cont'd): Leadership and Safety Culture**

Friday, 26 June 2015

- 09:00 - 10:20 Session 6: Long Term Operation**
- 10:20 - 11:00 Coffee/Tea Break
- 11:00 - 12:30 Session 6 (cont'd): Long Term Operation**
- 12:30 - 13:30 Lunch Break
- 13:30 - 15:00 Closing Session**

POSTERS:

Session A: Wednesday, 24 June 2015
From 10:20 to 11:00 and from 15:30 to 16:00

Session B: Thursday, 25 June 2015
From 10:20 to 10:40 and from 15:20 to 16:00

All posters will be displayed for the entire duration of the conference.
Authors are requested to be present at their posters during the respective coffee/tea breaks for discussion with interested participants.

TUESDAY, 23 JUNE 2015

- 08:00** Registration and distribution of conference material
- 09:30 - 12:30** **OPENING SESSION**
- 09:30 - 09:40** **Denis Flory, IAEA**
Deputy Director General
Head of the Department of Nuclear Safety and Security
- 09:40 - 09:50** **Ken Ellis, WANO**
Chief Executive Officer
World Association of Nuclear Operators
- Addresses on behalf of professional bodies
- 09:50 - 10:10** **Nancy Salgado, OECD**
Deputy Head of the Division of Nuclear Safety Technology and Regulation
Organization for Economic Co-operation and Development
- 10:10 - 10:30** **Ken Ellis, WANO**
Chief Executive Officer
World Association of Nuclear Operators
- 10:30 - 10:50** **Jim Lynch, INPO**
Vice President Plant Performance Recovery
Institute of Nuclear Power Operations
- 10:50 - 11:10** **Coffee/Tea Break**
- 11:10 - 11:30** **Shojiro Matsuura, JANSI**
Chairman
Japan Nuclear Safety Institute
- 11:30 - 11:50** **Bing Dai, RINPO**
Director of Planning and Research Department
Research Institute of Nuclear Power Operations
- 11:50 - 12:10** **Jean Pol Poncelet, FORATOM**
Director General
European Atomic Forum
- 12:10 - 12:20** **Greg Rzentkowski, IAEA**
Director
Division of Nuclear Installation Safety

TUESDAY, 23 JUNE 2015**14:00 - 17:45****SESSION 1
International Operational
Safety Peer Reviews****Chairperson****Dominique Miniere, France****Technical
Secretary****Vesselina Ranguelova, IAEA**

<i>Time</i>	<i>No. of Paper IAEA-CN-227-</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of Paper</i>
14:00 - 14:20	8	Vesselina Ranguelova	IAEA	Recent Experience and Future Development of the OSART Programme
14:20 - 14:40	9	David Crabtree	WANO	WANO Peer Review Programme
14:40 - 15:00	10	Bernard Chaloin	WANO	Design Informed Peer-Review Methodology
15:00 - 15:20	11	Dominique Miniere	France	OSART and WANO Experience at EDF
15:20 - 15:45	Coffee/Tea Break			
15:45 - 16:05	12	Sergey Kharlampiev	Russian Federation	OSART Missions in Russia and their Influence on Operational Safety Improvement. Example of Kola NPP
16:05 - 16:25	13	Theodore Stoner	United States of America	OSART Experience at Clinton NPS
16:25 - 16:45	14	Hans Olov Andersson	Sweden	Forsmark NPP OSART and WANO Experience
16:45 - 17:45		Panel Discussion Speakers of Session 1 Marta Ziakova Petro Kotin Georg Schwarz		
18:00 - 20:00	Welcome Reception			

WEDNESDAY, 24 JUNE 2015

09:00 - 12:30 **SESSION 2**
Corporate Management of Safety

Chairperson **Iva Kubanova, Czech Republic**

Technical Secretary **Miro Lipar, Slovakia**

<i>Time</i>	<i>No. of Paper IAEA-CN-227-</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of Paper</i>
09:00 - 09:20	15	Philippe Renoux	France	EDF Experience
09:20 - 09:40	16	Bohdan Zronek	Czech Republic	CEZ Experience
09:40 - 10:00	17	Dave Berko	United States of America	INPO's Perspective on Corporate Management of Safety
10:00 - 10:20	18	Igor Zonov	Russian Federation	Experience with Functioning and Development of the Nuclear Safety Oversight Service in Rosenergoatom
10:20 - 11:00	Coffee/Tea Break and Poster Session A			
11:00 - 11:20	19	Peter Touminen	Finland	Fortum Corporate Oversight Experience
11:20 - 11:40	20	Peter Janko	Slovakia	Corporate Independent Oversight in Slovenske Elektrarne
11:40 - 12:30		Panel Discussion Speakers of Session 2 Dana Drábová Yanko Yanev		
12:30 - 14:00	Lunch Break			

14:00 - 18:00 **SESSION 3**
Post-Fukushima Operational Safety
Improvements

Chairperson **Fred Dermarkar, Canada**

Technical Secretary **Fuming Jiang, IAEA**

<i>Time</i>	<i>No. of Paper IAEA-CN-227-</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of Paper</i>
14:00 - 14:20	21	Zhiyong Liu	China	Post-Fukushima Operational Safety Improvements on Qinshan
14:20 - 14:50	22	Philippe Renoux	France	Strengthening of the Local Emergency Preparedness Response by External Means
14:50 - 15:10	23	Rajeev Godbole	India	Post-Fukushima Operational Safety Improvements in Indian NPS
15:10 - 15:30	24	Rosa Sardella	Switzerland	The Swiss Backfitting Approach after Fukushima
15:30 - 16:00	Coffee/Tea Break and Poster Session A			
16:00 - 16:20	25	Antonio Eduardo Munuera	Spain	ENSREG Action Plan
16:20 - 16:40	26	Naoki Takahashi	Japan	Safety Measures Taken at Kashiwazaki Kariwa NPS Based on the Fukushima Daiichi Accident
16:40 - 17:00	27	Frank Saunders	Canada	Post Fukushima Enhancements at Bruce Power
17:00 - 18:00		Panel Discussion Speakers of Session 3 Philippe Jamet Rafael Flores Fred Dermarkar		

THURSDAY, 25 JUNE 2015

09:00 - 12:30 **SESSION 4:
Operating Experience**

Chairperson **Abdul Hamid Akbar, China**

**Technical
Secretary** **Dian Zahradka, IAEA**

<i>Time</i>	<i>No. of Paper IAEA-CN-227-</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of Paper</i>
09:00 - 09:20	28	Donald Wheeler and Charles Kharrl	United States of America	The Use of Operating Experience During Recovery
09:20 - 09:40	29	Dian Zahradka	IAEA	IAEA Operating Experience Programme
09:40 - 10:00	30	Jo Maria Jozef Eric Byttebier	WANO	WANO OE Programme
10:00 - 10:20	31	Durk Hun Lee	Republic of Korea	Operating Experience Feedback of Korea on the Steam Generator Tube Leak at Hanbit Unit 3
10:20 - 10:40	Coffee/Tea Break and Poster Session B			
10:40 - 11:00	32	Mandy Hickson	United Kingdom	Human Performance Improvement in the Aviation Industry
11:00 - 11:20	33	Neal Langerman	United States of America	Chemical Industry Experience
11:20 - 11:40	34	Andreas Mateou	United Arab Emirates	Aviation Industry Experience
11:40 - 12:30		Panel Discussion Speakers of Session 4 Michael Maqua		
12:30 - 14:00	Lunch Break			

**14:00 - 18:00 SESSION 5:
Leadership and Safety Culture**

Chairperson Pia Oedewald, Finland

Technical Secretary Helen Rycraft, IAEA

<i>Time</i>	<i>No. of Paper IAEA–CN–227-</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of Paper</i>
14:00 - 14:20	35	Helen Rycraft and Kenneth Koves	IAEA, INPO	Leadership and Safety Culture Approaches in IAEA and Future Work with WANO/INPO
14:20 - 14:40	36	Jeff Forbes	United States of America	Leadership and Safety Culture
14:40 - 15:00	37	Eduard Volkov	Russian Federation	Safety Culture Programmes Inside Rosatom – Continuous Improvement Processes
15:00 - 15:20	38	Jesse Leonard Brooks	United Arab Emirates	Developing Leadership and Safety Culture in a New Nuclear Power Organization UAE
15:20 - 16:00	Coffee/Tea Break and Poster Session B			
16:00 - 16:20	39	Stephan Rahlfs	Germany	EnKK Safety Culture Project
16:20 - 16:40	40	David Birkbeck	United Kingdom	Delivering Nuclear Safety Culture Improvement in a UK NPP
16:40 - 16:50	41	Keiko Mutou	Japan	Reviewing the Three Years of Nuclear Safety Reform
16:50 - 18:00		Panel Discussion Speakers of Session 5 Cornelia Ryser		

FRIDAY, 26 JUNE 2015

09:00 - 12:30

**SESSION 6:
Long Term Operation**

Chairperson

**Christopher Miller, United States
of America**

**Technical
Secretary**

Robert Krivanek, IAEA

<i>Time</i>	<i>No. of Paper IAEA-CN-227-</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of Paper</i>
09:00 - 09:20	42	Robert Krivanek	IAEA	IAEA Activities to Support Safe LTO
09:20 - 09:40	43	Andrei Blahoianu	Canada	Status of Canadian NPPs' LTO Preparation
09:40 - 10:00	44	Andre De Jong	Netherlands	Borssele NPP LTO Project
10:00 - 10:20	45	Jan Linder	Sweden	Status of Swedish NPPs' LTO Preparation
10:20 - 11:00	Coffee/Tea Break			
11:00 - 11:20	46	Sandor Ratkai	Hungary	Paks NPP LTO Project
11:20 - 11:40	47	Sherry Bernhoft	United States of America	EPRI LTO Program, Results and Challenges
11:40 - 12:30		Panel Discussion Speakers of Session 6 Allen Hiser		
12:30 - 13:30	Lunch Break			

13:30-15:00

Closing Session

Session Chairpersons' summaries

Chairperson's summary

Closing remarks

POSTERS

Poster Session A: Wednesday, 24 June 2015

From 10:20 to 11:00 and from 15:30 to 16:00

<i>No of Poster IAEA-CN-227-</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of Paper</i>
1	M. Kandil	Egypt	Safety Improvement of Nuclear Reactor Using Adaptive Resonance Network
5	S. Epstein	United States of America	Post-Fukushima Actions in Japan: How Do They Improve Safety
8	M. Gajdos	Slovakia	Pre and Post-Fukushima Safety Enhancements in Slovenske Elektrarne, Subsidiary of ENEL
11	J. Tsoglin	Germany	Improvement of Operational Safety of NPP, a Possible Solution
12	G. Arvind Paul	India	Safety Reviews and Up-grades Carried out in Indian NPPs Post Fukushima
14	M. Lankin	Russian Federation	Relationship of Knowledge-based and Rule-based Approaches as it is Provided in New Russian Safety Guide on Accident Management Procedures
15	A. M. Gomez-Torres	Mexico	Hydrogen Transport Analysis for a Proposed Hard Vent Containment System for the NPP Laguna Verde
16	J. Zdarek	Czech Republic	In Vessel Mel Retention Strategy for VVER 1000/320 Units
21	R. Arians	Germany	German Information Notice Concerning the Fukushima Accident and Measures Taken in German NPPs
25	R. Godbole	India	Post-Fukushima Operational Safety Improvements in Indian NPS
35	M. I. Khan	Pakistan	Measures to Cater Prolong Station Black Out (SBO) Conditions at KANUPP in the Light of Fukushima Lesson Learned
50	S. Kolesov	Ukraine	Results of Ukrainian NPPs Self-Assessment in the Area of Severe Accident Management Based on IAEA SSR-2/2, NS-G-2.15 and WANO POC

Poster Session B: Thursday, 25 June 2015
From 10:20 to 10:40 and from 15:20 to 16:00

<i>No of Poster IAEA-CN-227-</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of Paper</i>
3	Z. Bricman Rejc	Slovenia	Periodical Update of Loss of Offsite Power Frequency
4	D. Serbanescu	Romania	Systematic Biased in NPP Event Reviews and their Impact on Learning Process
6	A Ballesteros Avila	European Commission	Ageing Management Programme on WWER Reactor Vessel Surveillance
17	M. Peinador Veira	European Commission	The European Clearinghouse for NPP Operating Experience Feedback: A Network of Regulators and TSOs Operated by the EC/JRC
18	D. H. Lee	Republic of Korea	Operating Experience Feedback of Korea on the Steam Generator Tube Leak at Hasibit Unit 3
22	Z. Masood	Malaysia	Development of Operational Experience Feedback System for the Malaysian PUSPATI TRIGA Reactor
24	K. Klucarova	Slovakia	Preparation of Mochovce NPP Unit 3&4 Commissioning from the View Point of Operational Safety
27	A. Ordubekyan	Armenia	ANPP Operational Safety Improvement Program
29	S. A. Birikorang	Ghana	Operational Review Protocol for Ghana Research Reactor-1
36	L. Ostrom and C. Wilhelmsen	United States of America	Factoring Safety Culture into a Risk Framework
37	A. Altinyollar and F. Saral	Turkey	A Method for Measurement of Safety Culture in an Organization
38	Y. Jeong	Republic of Korea	The Status of KHNP's Long Term Operation
39	B. Yun	Republic of Korea	The Performance of Stress Test and Life Extension of Wolsung Unit1
42	N. Maqbul	Pakistan	Post Fukushima Operational Safety Upgrades in NPPs of Pakistan; a Regulatory Perspective

43	S. Bhatti	Pakistan	PNRA Safety Culture Improvement Program and its Contribution Towards Regulatory Oversight
44	G. Schwarz	Switzerland	Long Term Operation of the First Generation of Swiss Nuclear Power Plants

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 all presentations and posters delivered at the meeting, as well as the findings and recommendations, will be published by the IAEA as soon as possible after the conference.

Orders

All IAEA publications may be ordered at the Registration 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.iaea.org/books>

IAEA PUBLICATIONS RELATED TO THE SUBJECT OF THE SYMPOSIUM

IAEA-TECDOC-1653	Best Practices in the Management of an Operating Experience Programme at Nuclear Power Plants	2010
IAEA-TECDOC-1756	Root Cause Analysis Following an Event at a Nuclear Installation: Reference Manual	2015
STI/PUB/1243	A System for the Feedback of Experience from Events in Nuclear Installations	2005
I EPR-Natural Disaster 2013	Emergency Preparedness and Response:	
STI/PUB/1253	Application of the Management System for Facilities and Activities Safety Guide	2006
STI/PUB/1392	The Management System for Nuclear Installations Safety Guide	2009
STI/PUB/1210	Safety Culture in the Maintenance of Nuclear Power Plants	2005
STI/PUB/1555	Safety Culture during Pre-operational Phases of Nuclear Power Plant Projects	2012
STI/PUB/1675	Ageing Management for Nuclear Power Plants: International Generic Ageing Lessons Learned (IGALL)	2015
IAEA-SVS-26	SALTO Peer Review Guidelines: Guidelines for Peer Review of Safety Aspects of Long Term Operation of Nuclear Power Plants	2014

IAEA-TECDOC-1736	Approaches to Ageing Management for Nuclear Power Plants International Generic Ageing Lessons Learned (IGALL) Final Report	2014
S STI/PUB/1340	Safe Long Term Operation of Nuclear Power Plants	2008
STI/PUB/1373	Ageing Management for Nuclear Power Plants Safety Guide	2009
IAEA/PUB/CAT/2014/15	Publications Catalogue 2014-2015	2014-2015
Safety Series No. 75-INSAG-4	Safety Culture	1991
Safety Series No. 75-INSAG-15	Key Practical Issues in Strengthening Safety Culture	2002
Safety Report Series No. 42	Safety Culture in the Maintenance of Nuclear Power Plants	2005
Safety Report Series: No 74	Safety Culture during Pre-Operational Phases of Nuclear Power Plant Projects	2012

FORTHCOMING SCIENTIFIC MEETINGS SCHEDULED BY THE IAEA

2015

Scientific Forum (CN-230)
15-16 September, Vienna, Austria

International Conference on Clinical PET-CT and Molecular Imaging (IPET 2015): PET-CT in the era of multimodality imaging and image-guided therapy (CN-232)
5-9 October, Vienna, Austria

International Conference on Global Emergency Preparedness and Response (CN-213)
19-23 October, Vienna, Austria

International Conference on Research Reactors: Safe Management and Effective Utilization (CN-231)
16-20 November, Vienna, Austria

2016

International Conference on Human and Organizational Aspects of Assuring Nuclear Safety: Exploring 30 Years of Safety Culture (CN-237)
22-26 February, Vienna, Austria

International Conference on Regulatory Effectiveness (CN-236)
11-15 April, Vienna, Austria

International Conference on Advancing the Global Implementation of Decommissioning and Environmental Remediation Programmes (CN-238)
23-27 May, Madrid, Spain

Scientific Forum (CN-240)
27-28 September, Vienna, Austria

International Conference on Integrated Medical Imaging in Cardiovascular Diseases (IMIC 2016) (CN-243)
10-14 October, Vienna, Austria

26th IAEA Fusion Energy Conference (CN-234)
17-22 October, Kyoto, Japan

3rd International Conference on Knowledge Management in Nuclear Energy – Challenges and Approaches (CN-241)
7-11 November, Vienna, Austria

2016 (cont'd)

International Conference on the Safety of Radioactive Waste Management (CN-242)
21-25 November, tbd

International Conference on Nuclear Security (CN-244)
5-9 December, Vienna, Austria

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

