International Conference on Enhancing Nuclear Safety and Security Through Technical and Scientific Support Organizations (TSOs):

Challenges and Opportunities in a Rapidly Changing World

2-6 December 2024

PROGRAMME

Organized by the International Atomic Energy Agency (IAEA)

IAEA Headquarters Vienna, Austria

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D.E. Forano, European Commission	
R. Evans, World Institute for Nuclear Security	

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Resolutions:	No resolutions may be submitted for consideration on any subject; no votes will be taken.		
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	International Atomic Energy Agency Vienna International Centre (VIC) Building M, BR-A, M02		

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TIMETABLE

Monday, 2 December 2024

Time	Session No.	Session Title / Break	Venue
10:00-12:20	Opening	Opening Session and Keynote Presentations	BR-A/M02
12:20-14:00		TSO Café and Lunch Break	
14:00-16:00	1	Current Technical and Scientific Challenges	BR-A/M02
16:00–16:30		TSO Café and Poster Session	M02/M01
16:30–17:10	1	Current Technical and Scientific Challenges	BR-A/M02
17:10–17:30	Plenary	Overview and Summary of day 1	BR-A/M02
17:30–19:00		Welcome Reception	M-Building – M01

Tuesday, 3 December 2024

Time	Session No.	Session Title / Break	Venue
09:00-11:00	2	Emerging Technical and Scientific Challenges	BR-A/M02
11:00–11:30		TSO Café and Poster Session	M02/M01
11:30–12:30	3	Interaction of TSOs with Stakeholders	BR-A/M02
12:30-14:00		TSO Café and Lunch Break	
14:00-15:00	3	Interaction of TSOs with Stakeholders	BR-A/M02
15:00–15:30		TSO Café and Poster Session	M02/M01
15:30–16:30	Side Event	ETSON Award for Young Professionals BR-A/N	
16:30–17:00	Plenary	Overview and Summary of day 2	BR-A/M02
17:00–17:30	Side Event	ETSON Award for Young Professionals	BR-A/M02
17:30–19:00		Reception sponsored by ETSON	M-Building – M01

Wednesday, 4 December 2024

Time	Session No.	Session Title / Break	Venue
09:00-11:00	4	Scientific and Technical Capacity Building BR-A/M02	
11:00–11:30		TSO Café and Poster Session	
11:30–12:30	4	Scientific and Technical Capacity Building	BR-A/M02
12:30–14:00		TSO Café and Lunch Break	
14:00–15:00	5	Role of TSOs in an International Context and Embarking Countries	BR-A/M02
15:00–15:30		TSO Café and Poster Session	M02/M01

Time	Session No.	Session Title / Break	Venue
15:30–16:30	5	Role of TSOs in an International Context and Embarking Countries	BR-A/M02
16:30–17:00	Plenary	Overview and Summary of day 3	BR-A/M02

Thursday, 5 December 2024

Time	Session No.	Session Title / Break	Venue
09:00–11:00	6	Holistic Approach to Risk and Hazard Management	BR-A/M02
11:00–11:30		TSO Café and Poster Session	
11:30–12:30	6	Holistic Approach to Risk and Hazard Management	BR-A/M02
12:30-14:00		TSO Café and Lunch Break	
14:00–15:00	Special Session	TOSCA Methodology	BR-A/M02
15:00–15:30		TSO Café and Poster Session	
15:30–16:00	Plenary	Overview and Summary of day 4	BR-A/M02

Friday, 6 December 2024

Time	Session No.	Session Title / Break	Venue
09:00-10:00	Closing	Conclusions from Chairs	BR-A/M02
10:00–11:00	Special Session	TSO Role – Part 1	BR-A/M02
11:00–11:45	Special Session	TSO Role – Part 2	BR-A/M02
11:45–12:15		TSO Café and Poster Session	M02/M01
12:15–13:15	Closing	Closing Session	BR-A/M02

MONDAY, 2 December 2024

10:00-12:20 OPENING SESSION

Venue: BR-A/M02

Moderator: L. Guo, IAEA

Time	Name	Designating Member State/Organization	Title	
10:00-10:20	R.M. Grossi	Director General, IAEA	Welcome Remarks	
10:20–10:35	J-C. Niel	Conference President, France	Welcome Remarks	
10:35–10:50	M. Van haesendonck	Conference Vice-President, Belgium	Actions Since Previous Conference	
10:50–11:20	C. Grudler	European Parliament, France	Keynote Address	
11:20–11:50	D.K. Shukla	Atomic Energy Regulatory Board, India	Keynote Address	
11:50–12:20	T-A. Elliott	Hazardous Substances Regulatory Authority, Jamaica	Keynote Address	
12:20–14:00 TSO Café and Lunch Break				

14:00–17:10 SESSION 1: Venue: BR-A/M02 Current Technical and Scientific Challenges

Chairpersons: C.C.A. Eibl-Schwaeger, Germany N. Mughal, Pakistan

Time	Paper No.	Name	Designating Member State/Organization	Title
14:00–14:20	109	C. Hou	China	Effect of material aging on seismic response of Nuclear Power Plant
14:20–14:40	134	K. Fuzik	Ukraine	The experience of the Ukrainian TSO in in supporting the regulator in the field of safe management of legacy and challenging waste
14:40–15:00	190	J. Katsuyama	Japan	JAEA's activities on safe long- term operation as a TSO of the nuclear regulation authority
15:00–15:20	161	S. Hossain	Bangladesh	Facilitation of safe and secure trade using trace alarm assessment tool in Chattogram sea port: A case study of Bangladesh

Time	Paper No.	Name	Designating Member State/Organization	Title
15:20–15:40	162	A. Shafique	Pakistan	Growth assessment of flaws discovered in CANDU reactor pressure tube
15:40–16:00	192	J. Mertens A. Gendebien	Belgium Belgium	TSO implication in the challenging LTO-project of the Doel 4 and Tihange 3 nuclear power plants in Belgium
16:00–16:30	TSO Ca	afé and Poster Se	ssion	M02/M01
16:30–16:50	144	V. Los	Russian Federation	Technical and scientific support for the regulatory body in the field of the safety of spent nuclear fuel management
16:50–17:10	163	S. Al Kindi	Oman	Performance tests of Harshaw 6600 plus TLD readers in the personal monitoring service laboratory of ministry of health, Sultanate of Oman
17:10–17:30	7:10–17:30 PLENARY SESSION Venue: BR-A/M02 Overview and Summary of day 1			
Chairperson:	J-C.	Niel, Conference	e President, France	
Chairs of day 1:		A. Eibl-Schwaeg lughal, Pakistan	er, Germany	
17:30–19:00	WELCOME RECEPTION		Venue: M-Building – First Floor	

TUESDAY, 3 December 2024

09:00–11:00 SESSION 2: Emerging Technical and Scientific Challenges

Venue: BR-A/M02

Chairpersons: J. Tappert, United States of America A. Kaliatka, Lithuania

Time	Paper No.	Name	Designating Member State/Organization	Title
09:00-09:20	195	M. Adorni	OECD/NEA	Accelerating international cooperation in a rapidly changing world: the OECD Nuclear Energy Agency (NEA) working group on the analysis and management of accidents (WGAMA)
09:20–09:40	Speak er	K. Webber	United States of America	Readiness to perform safety analyses for licensing Non-Light Water Reactors
09:40–10:00	132	I. Ovdiienko	Ukraine	TSO challenges faced with licensing activities under conditions of disruption or unstable fuel and reactor core element supply chain
10:00–10:20	164	S.A. Ali Rizvi	Pakistan	Assessment of containment filtered venting to verify practical elimination concept in design of ACP1000 NPP
10:20–10:40	193	B. Bernard	Belgium	Developing leadership skills within TSOs from evaluation to expectations
10:40–11:00	191	M. Uršič	Slovenia	Potential for a technology neutral regulation of emerging nuclear technologies
11:00–11:30	TSO Café and Poster Session			M02/M01

11:30–15:00 SESSION 3: Interaction of TSOs with Stakeholders

Chairpersons: M. Rickard, Canada K.M. Alm-Lytz, IAEA

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Time	Paper No.	Name	Designating Member State/Organization	Title
11:30–11:50	Speak er	D. Beaton	Canada	A Canadian approach to building regulatory trust for environmental protection initiatives
11:50–12:10	121	F. Nagase	Japan	Challenges and efforts in NRA, Japan for communication with stakeholders
12:10–12:30	174	K. Madaj	Poland	Interaction of technical support organizations with stakeholders in Poland
12:30-14:00	TSO Ca	nfé and Lunch Br	eak	
14:00–14:20	129	D. Bokov	Russian Federation	Use of TSO in regulatory activities for nuclear security
14:20–14:40	220	M. Zaryah	Могоссо	Enhancement of radiation protection technical services based on national regulation and ISO/IEC 17025-2017 accreditation standard
14:40–15:00	229	S. Nhleko	South Africa	Opportunities for use of community-based research and Al to enhance community engagement in regulation of nuclear sites
15:00–15:30	TSO Ca	fé and Poster Se	ession	M02/M01
15:30–16:30		EVENT N Award for Yo	ung Professionals	Venue: BR-A/M02
Chairpersons		zaar, Germany alfi, France		
16:30–17:00		ARY SESSION view and Summ	ary of day 2	Venue: BR-A/M02
Chairperson:	J-C. N	liel, Conference	President, France	
Chairs of day 2:	A. Ka M. Rid	opert, United Sta liatka, Lithuania ckard, Canada Alm-Lytz, IAEA		

17:00–17:30 SIDE EVENT - CONTINUED ETSON Award for Young Professionals

Chairpersons: A. Lazaar, Germany L. Khalfi, France

Time	Paper No.	Name	Designating Member State/Organization	Title
17:00–17:10		L. Khalfi A. Lazaar	France/Germany ETSON	Thanks, and closing remarks
17:10–17:20		M. Van haesendonck	Belgium ETSON	Closing remarks and announcement of the second prize
17:20–17:30		J-C. Niel	France ETSON	Closing remarks and announcement of the first prize

17:30–19:00 RECEPTION SPONSORED BY ETSON

Venue: M-Building – First Floor

WEDNESDAY, 4 December 2024

Venue: BR-A/M02

09:00–12:30 SESSION 4: Scientific and Technical Capacity Building

Chairpersons: M. Uršič, Slovenia F. Rocchi, Italy O. Altunkal, Türkiye J. Cheng, China

Time	Paper No.	Name	Designating Member State/Organization	Title
09:00–09:20	157	M. Nitoi	Romania	Strengthening the Romanian scientific and technical capability in support to nuclear energy programme
09:20–09:40	241	A. Vasilishin	Russian Federation	Experimental research as an important component of technical and scientific support to Rostechnadzor
09:40–10:00	76	D.O. Kpeglo	Ghana	Capacity building for next generation of nuclear professional in nuclear safety and security: the Ghanaian approach
10:00–10:20	91	E. Mayaka	Kenya	Strengthening nuclear safety and security culture: the role of technical support organizations in Kenya's collaborative framework
10:20–10:40	224	D. Lazarevic	Serbia	Capacity building of a scientific research organization in relation to nuclear safety in Serbia
10:40–11:00	231	E. Chimunhayi	Zimbabwe	Roles of technical support organizations to the regulators in scientific and technical capacity building
11:00–11:30	TSO Ca	nfé and Poster Se	ssion	M02/M01
11:30–11:50	90	W. Bakr	Egypt	Egyptian model for technical and scientific support in emergency preparedness and response; challenges and future perspective
11:50–12:10	198	O. Alsager	Saudi Arabia	Development of technical and scientific capabilities of Saudi Nuclear and Radiological Regulatory Commission (NRRC) –towards achieving enhanced nuclear and radiation safety and security

Time	Paper No.	Name	Designating Member State/Organization	Title
12:10–12:30	175	A. Shibalkina	Russian Federation	Analysis of IAEA tools for evaluation of Rosatom State Corporation innovative projects using INPRO methodology
12:30-14:00	TSO Cá	afé and Lunch Bre	ak	
14:00–16:30	Role	ION 5: of TSOs in an Inf Embarking Count	ernational Context rries	Venue: BR-A/M02
Chairpersons		⁻ orano, Europea gase, Japan	n Commission	
Time	Paper No.	Name	Designating Member State/Organization	Title
14:00–14:20	103	F. Ameyaw	Ghana	Advancing nuclear safety and security in Ghana: leveraging technical and scientific support organizations
14:20-14:40	135	N. Helal	Egypt	Building technical and scientific capabilities: Egyptian case-study
14:40–15:00	210	S. Theimer	Germany	The role of the German technical support organization in enhancing nuclear security abroad to reduce the proliferation risk
15:00–15:30	TSO Cá	afé and Poster Se	ssion	M02/M01
15:30–15:50	227	A. Ibrahim	Nigeria	Exploring the challenges and opportunities for technical support organizations in Nigeria to improve nuclear and radiation safety and security
15:50–16:10	234	J. Antoine	Jamaica	ICENS and the HSRA: A key partnership for nuclear safety, security and safeguards in Jamaica
16:10–16:30	237	M. Rickard	Canada	Experience with United States Regulatory Commission and the Canadian Nuclear Safety Commission on SMR design reviews

16:30-17:00 PLENARY SESSION Overview and Summary of day 3 Chairperson:

J-C. Niel, Conference President, France

Chairs of day M. Uršič, Slovenia

- 3:
- F. Rocchi, Italy
- O. Altunkal, Türkiye
- J. Cheng, China
- D.E. Forano, European Commission
- F. Nagase, Japan

THURSDAY, 5 December 2024

09:00–12:30 SESSION 6: Holistic Approach to Risk and Hazard Management Venue: BR-A/M02

Chairpersons: R. Evans, World Institute for Nuclear Security O. Pecherytsia, Ukraine Y.H. Hah, Republic of Korea A.C. Serquis, Argentina

Time	Paper No.	Name	Designating Member State/Organization	Title
09:00–09:20	93	J. Repussard	France	Leadership for safety expertise: an important asset in support of regulatory decision-making in the field of human and organisational aspects of nuclear safety and security
09:20–09:40	99	Y. Lv	China	Research on classification management of civil nuclear safety components
09:40–10:00	137	R. Chimusimbe	Zimbabwe	Holistic approach to risk and hazard management: defining the role of TSOs and stakeholders in nuclear safety and security
10:00–10:20	181	J. Evans	United States of America	The role of risk analysis research in safety decisionmaking
10:20–10:40	188	A. Mazur	Poland	Methodology for determining the most unfavorable meteorological conditions (MUMC) for the needs of locating nuclear power plants vs. operational Early Warning System (EWAS) in the event of a failure at the NPP
10:40-11:00	185	M.D. Hossain	Bangladesh	Impact of organizational culture for safety and security in assimilating standards of nuclear safety and security interface: TSO perspective
11:00–11:30	TSO Café and Poster Session			M02/M01
11:30–11:50	139	A. Vasilishin	Russian Federation	Experience in assessing and maintaining safety culture in technical and scientific support organization of Rostechnadzor

Time	Paper No.	Name	Designating Member State/Organization	Title
11:50–12:10	207	V. Detilleux	Belgium	Building capacity for independent compliance verification measurements of radioactive waste, in accordance with the clearance levels prescribed by the Belgian regulatory framework
12:10–12:30	222	A. Syuryavin	Indonesia	National mapping of TSO to determine the strengths and weaknesses of national nuclear security capability
12:30-14:00	TSO Ca	fé and Lunch Bre	eak	
14:00–15:00 Chairpersons	TOSC : K. Be	IAL SESSION: A Methodology n Ouaghrem, Fra . Eibl-Schwaege		Venue: BR-A/M02
Time	Paper No.	Name	Designating Member State/Organization	Title
14:00–14:10		K. Ben Ouaghrem	France	TOSCA Methodology
14:10–14:20		C.C.A. Eibl- Schwaeger	Germany	The challenge to self-assess your technical and scientific capability
14:20–14:35		M. Simonyan	Armenia	The experience of a National TOSCA Workshop in Armenia
14:35–14:50		A. Buah- Kwofie	Ghana	The experience of a National TOSCA Workshop in Ghana
14:50-15:00	Questio	ns and Answers		
15:00–15:30	15:00–15:30 TSO CAFÉ AND POSTER SESSION M02/M01			
15:30–16:00		ARY SESSION view and Summa	ry of day 4	Venue: BR-A/M02
Chairperson:	J-C. N	liel, Conference	President, France	
Chairs of day 4:	O. Pe Y.H. H A.C. S K. Be	R. Evans, World Institute for Nuclear Security O. Pecherytsia, Ukraine Y.H. Hah, Republic of Korea A.C. Serquis, Argentina K. Ben Ouaghrem, France C.C.A. Eibl-Schwaeger, Germany		

FRIDAY, 6 December 2024

09:00–10:00	CLOSING SESSION Conclusions from Chairs	Venue: BR-A/M02
Moderator:	L. Guo, IAEA	
Conclusions:	Conclusion from Session 1 Conclusion from Session 2 Conclusion from Session 3 Conclusion from Session 4 Conclusion from Session 5 Conclusion from Session 6	
10.00-11.00	SPECIAL SESSION	Venue: BR-A/M02

10:00-11:00	SPECIAL SESSION:	Venue: BR-A/M02
	TSO Role – Part 1	

Chairperson: M. Van haesendonck, Belgium

Time	Paper No.	Name	Designating Member State/Organization	Title
10:00–10:15		V. Detilleux	Belgium	General presentation of SITEX.Network
10:15–10:30		N. Železnik D. Pellegrini	Slovenia France	Literature studies by SITEX.Network: deep borehole disposal and multiple "S" in radioactive waste management
10:30–10:45		W. Pfingsten	Switzerland	SITEX.Network benchmarks of safety case review and modelling approaches
10:45–11:00	Questio	ns and Answers		

11:00–11:45 SPECIAL SESSION: TSO Role – Part 2

S. Nhleko, South Africa

Chairperson:

Venue: BR-A/M02

Designating Member Paper Name Title Time No. State/Organization 11:00-11:15 S. Nhleko South Africa Enhancing nuclear safety and security through Technical Support Organizations (TSOs) challenges and opportunities in South Africa 11:15-11:30 т. Norway Challenges and Opportunities in Zhunussova the Development of TSO and DSA's Vision for Regional TSO in Central Asia

Time	Paper No.	Name	Designating Member State/Organization	Title
11:30–11:45		N. Helal L. Cizelj O. Altunkal	Egypt Slovenia Türkiye	Interactive Question and Answer session with Expert Panel on TSO role in the provision of Education and Training, Regulatory Research and Development, as well as Technical and Scientific services, including expert advice – challenges and opportunities based on experiences from selected countries
11:45–12:15	TSO C	CAFÉ AND POST	ER SESSION	M02/M01
12:15–13:15	CLOS	ING SESSION		Venue: BR-A/M02
Moderator:	L. Gu	o, IAEA		
	J-C. Niel, Conference President, France L. Evrard, Deputy Director General and Head of the Department of Nuclear Safety and Security, IAEA			d of the Department of

Poster Presentations MONDAY, 2 December 2024

Paper No.	Author	Designating Member State/Organization	Title
83	E.A. Amoatey	Ghana	Radiation protection monitoring of occupationally exposed workers (OEWS) using the dose management system and national dose registry and its challenges in Ghana
98	Y. Chen	China	Exploration of key points for supervision of life extension permits in nuclear power plants
104	D. Huang	China	Progress and prospects of emergency monitoring for radiation environment in China
112	Y. Wu	China	Recent progress on unmanned aerial radiological monitoring of NSC
143	N. Timofeev	Russian Federation	Limiting of radioactive liquid and airborne discharges as a factor of safety and sustainable development
145	N. Timofeev	Russian Federation	On regulatory control for compliance with airborne discharge limits, independent of operator
158	M. Ali	Pakistan	National level intercomparison exercise of external dosimetry laboratories
180	G. Gbeddy	Ghana	Challenges and opportunities handled by the radioactive waste TSO in ensuring nuclear and radiological safety and security in Ghana
206	V. Detilleux	Belgium	Full system decontamination of the primary circuit at Doel 3 & Tihange 2 NPPs: TSO safety evaluation and lessons learned
212	W. Abdellah	Egypt	Radiation dose assessment due to natural radioactivity in granite rocks using RESRAD computer code in Egypt
240	A. Bukar	Nigeria	Assessment of RSA encryption for strengthening Nigeria research reactor-1 (NIRR-1) offline computer control system security

TUESDAY, 3 December 2024

Paper No.	Author	Designating Member State/Organization	Title
74	A. Otim	Uganda	Integrating artificial intelligence system and big data in nuclear power plant for proactive nuclear security: challenges, opportunities
88	R. El-Tayebany	Egypt	Sustainability of optimizing computer security approach by TSO: competency and capabilities
108	L. Zhang	China	Challenges of nuclear material accounting for new types of reactor – taking High Temperature gas-cooled Reactor (HTR) as an example
120	Y. Shmelkov	Russian Federation	Development and validation of software package for analysis of radiological consequences during BDBA at NPP with VVER
123	K. Wang	China	Safety margin analysis of thorium based molten salt reactor with solid fuel
152	G. Farid	Pakistan	Development of root cause analysis tool for event investigation of nuclear power plants
167	M. Mironov	Russian Federation	Protection of water areas of nuclear facilities
173	A. Kaliatka	Lithuania	Application of best estimate methodology for the evaluation of severe accident consequences
176	H. Mahmoud	Egypt	Secure individual identity authorization system at nuclear facility using deep learning models
178	T. Riekert	Germany	Remote inspections –requirements and applications in Germany
200	A. Arafa	Egypt	Emerging technologies in surveillance and monitoring systems: advancements and challenges in nuclear security
211	V. Romanello	Czech Republic	The experience of the Czech TSO with the licensing activity of the innovative fuel pk3+ for the Dukovany nuclear power plant
216	M. Salem	Egypt	Design and modeling of passive spent fuel pool cooling system for research reactor
84	E. Kapralov	Russian Federation	Interaction of the scientific and technical support organization with the general contractor for construction: issues and challenges

Paper No.	Author	Designating Member State/Organization	Title		
102	J. Otoo	Ghana	The Radiation Protection Institute (RPI) serving as a technical service organization under the Ghana Atomic Energy Commission		
150	M. Utoom	Jordan	JAEC roles in national emergency preparedness and response activities		
170	A. Shadiq	Indonesia	The possibility analysis of Udayana university as a future external TSO for BAPETEN through the inter- organizational relations perspective		
189	G. Mazzini	Czech Republic	Practical examples of the support provided by National Radiation Protection Institute to State Office fo Nuclear Safety in the Czech Republi		
204	H. Janzekovic	Slovenia	Role of TSOs in the inspection process of activities with radiation sources		
239	J. Janusevski	North Macedonia	A good example of cooperation between technical service - institute of public health and regulatory body radiation safety directorate in the education of students in secondary school in Skopje about radon and its measurements and analysis		

Designating Paper Title Author Member No State/Organization 81 P. Namujjulirwa Leveraging information management Uganda strategies for enhanced TSO capacities in nuclear safety and security: case of atomic energy council 87 H.N. Putra Indonesia Study on the challenge of nuclear and other radioactive material out of regulatory control detection at Indonesia's borders: According to Draft NST016 China 97 D. Wei Knowledge management in nuclear supply chain of open innovative environment: applying system dynamics models 100 S. Jiang China Discussion on the necessity of improving the abilities of quality assurance inspectors 142 O. German International ICRP calls for action to improve Commission on capacity and competence in Radiological radiological protection review of Protection activities initiated by ICRP to support its Vancouver call for action 159 H.A. Kalambuka Kenya Nuclear forensics research as a support tool for security and safety capacity building in a new power programme: the Kenyan experience Role of CNSTN in promoting the 169 L.O. Mejri Tunisia various applications of nuclear technologies and supporting all national organizations in safe and secure uses 186 R.T.P. Batubara Indonesia Enhancing nuclear security capacity building in the era of artificial intelligence: recommendation for regulatory body and technical and scientific organizations 221 G. Mak Singapore 10 years of capability building in Singapore -establishing the Singapore nuclear research and safety initiative 228 J. Simon Nigeria Forging the future workforce in Nigeria's nuclear sector: empowering local institutions for sustainable manpower development C. Omondi AFCONE 79 The African nuclear service providers case: international cooperation and

WEDNESDAY, 4 December 2024

Paper No.	Author	Designating Member State/Organization	Title
			opportunities under treaty of Pelindaba
125	M. Kandil	Egypt	The role of technical and scientific support organization for regulator competence management in embarking states
156	P. Phruksarojanakun	Thailand	Establishing TSO: an overlooked challenge for an embarking country
171	A.Q.T.E. Prasetyo	Indonesia	Building the TSO capacities in strengthening regulatory activities for the first NPP in Indonesia
201	D. Sabusova	Russian Federation	Possible participation of technical support organizations in the regulation of innovative projects on the example of international projects of floating nuclear power units
232	J.V. Duco	Argentina	CNEA's (National Atomic Energy Commission of Argentina) role as a TSO: a journey of evolution

THURSDAY, 5 December 2024

Paper No.							
82	H. Al-Hamadani	Iraq	RNSD's strategy to enhance nuclear safety and security at Al-Tuwaitha nuclear site				
86	D. Prifti	Albania	Safety and security interface of radioactive materials transport in Albania				
92	P. Oktavianto	Indonesia	Safety assessment of yellow cake refining and conversion process using HAZOP study and SIL determination at Pilot Conversion Plant (PCP) facility in Indonesia				
106	A. Tolba	Egypt	A proposed design of security system for nuclear waste warehouses against terrorists attack				
126	P. Essel	Ghana	Graded approach and integrated safety assessment of the IAEA borehole disposal system, the Ghana pilot project				
147	D. Murlis	Russian Federation	An integrated approach to assessment of the long-term safety justification of radioactive waste disposal facilities in the Russian Federation				
177	N. Elsokkary	Egypt	Enhancing X-ray facility risk assessment: a best practice checklist for improved safety and security				
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	Covid-19 Pandemic IAEA			
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Technical Reports Series No.	Notification, Authorization, Inspection and Enforcement for the			
1002	Safety and Security of Radiation Sources IAEA			
Non-serial Publications	IAEA Nuclear Safety and Security Glossary			
2018				
IAEA Safety Standards Series No. SSR-6 (Rev.1)	Regulations for the Safe Transport of Radioactive Material			

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