
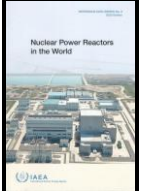
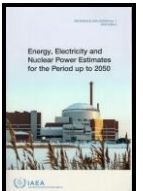
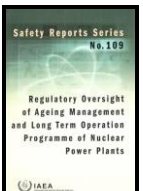
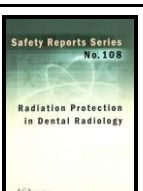
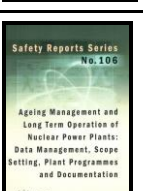
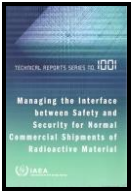


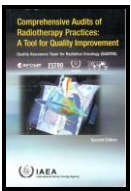
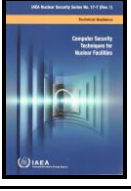

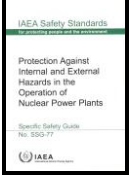


**SENARAI PEROLEHAN BAHAN PERPUSTAKAAN NUKLEAR MALAYSIA
NOVEMBER 2022**



KOLEKSI BUKU/MONOGRAF

BIL	KULIT	JUDUL/PENGARANG	PENERBIT	TAHUN	ISBN	JUMLAH NASKHAH
1		Pemesinan Keluli Dalam Keadaan Mampan oleh Shalina Sheik Muhamad, Jaharah A. Ghani, Che Hassan Che Haron	Penerbit UKM	2021	978-967-251-517-3	1
2		Reference Data Series No. 2 Nuclear Power Reactors in the World 2022 Edition	IAEA	2022	978-92-0-125122-0	1
3		Reference Data Series No. 1 Energy, Electricity and Nuclear Power Estimates for the Period up to 2050 2022 Edition	IAEA	2022	978-92-0-136722-8	1
4		Safety Reports Series No. 109 Regulatory Oversight of Ageing Management and Long Term Operation Programme of Nuclear Power Plants	IAEA	2022	978-92-0-108122-3	1
5		Safety Reports Series No. 108 Radiation Protection in Dental Radiology	IAEA	2022	978-92-0-138421-8	1
6		Safety Reports Series No. 106 Ageing Management and Long Term Operation of Nuclear Power Plants : Data Management, Scope Setting, Plant Programmes and Documentation	IAEA	2022	978-92-0-132821-2	1



7		Technical Reports Series No. 1001 Managing the Interface Between Safety and Security for Normal Commercial Shipments of Radioactive Material	IAEA	2021	978-92-0-106121-8	1
8		Technical Reports Series No. 487 Quality Assurance and Quality Control in Neutron Activation Analysis : A Guide to Practical Approaches	IAEA	2022	978-92-0-132421-4	1
9		IAEA Human Health Series No. 39 Implementation of a Remote and Automated Quality Control Programme for Radiography and Mammography Equipment	IAEA	2021	978-92-0-102621-7	1
10		Comprehensive Audits of Radiotherapy Practices : A Tool for Quality Improvement Second Edition	IAEA	2022	978-92-0-101122-0	1
11		IAEA Nuclear Security Series No. 43-T Security Management of Radioactive Material in Use and Storage and of Associated Facilities : Technical Guidance	IAEA	2022	978-92-0-118221-0	1
12		IAEA Nuclear Security Series No. 17-T (Rev. 1) Computer Security Techniques for Nuclear Facilities : Technical Guidance	IAEA	2021	978-92-0-123520-6	1
13		Setting Up a Cancer Centre: A WHO-IAEA Framework	IAEA	2022	978-92-0-100422-2	1
14		IAEA Safety Standards Series No. SSG-77 Protection Against Internal and External Hazards in the Operation of Nuclear Power Plants : specific Safety Guide	IAEA	2022	978-92-0-101722-2	1

**SENARAI PEROLEHAN BAHAN PERPUSTAKAAN NUKLEAR MALAYSIA
NOVEMBER 2022**



KOLEKSI BULLETIN/MAJALAH/JURNAL

BIL	KULIT	JUDUL/BAHAN	PENERBIT	KELUARAN/ISU				BIL/ NASKHAH
				VOL	ISU	BULAN	TAHUN	
1		Energy Malaysia	Suruhanjaya Tenaga	Vol. 22			2022	10
2		Nuclear Security : Report by the Director General :GOV/2022/31-GC(66)/8	IAEA				2022	1
3		Report on the Implementation of the Strategic Guidelines on Partnerships and Resource Mobilization : Report by the Director General : GOV/INF/2021/41	IAEA				2021	1
4		Programme Performance Report for 2020-2021 : Report by the Director General : GOV/2022/36	IAEA				2022	1
5		IAEA Bulletin	IAEA			May	2022	1
6		IAEA Annual Report 2021	IAEA				2021	1

7		Nuclear Fusion	IAEA	Vol. 62	No. 7	July	2022	1
8		Berita Hasil	LHDN		Bil. 1		2021	1

TERBITAN IAEA YANG TERKINI (OKTOBER 2022)

The IAEA is pleased to announce the publication of:

IAEA Safeguards Glossary

International Nuclear Verification Series No. 3 (Rev. 1)

Since the last edition of the IAEA Safeguards Glossary in 2001, IAEA safeguards implementation has continued to evolve, with a greater emphasis on 'State as a whole' considerations in the development of State level safeguards approaches, and reflecting a myriad of technological advancements. This new edition reflects these developments and represents terms that are either specific and unique to IAEA safeguards, or those that may be used in other domains, but which have a specific meaning or application relevant to IAEA safeguards. New terms that have come into common use over the past two decades have also been introduced. Each term includes a definition, and where applicable, further explanation or examples. Each section addresses a specific subject area relevant to IAEA safeguards, and the terms are arranged in relation to the subject area. Within each definition, terms that are defined elsewhere in the Glossary are italicized and an index referring to the term numbers has been provided for ease of reference. The terms have been translated into the official languages of the IAEA, as well as into German and Japanese.

[STI/PUB/2003](#), 300 pp.; 2022; ISBN: 978-92-0-122122-3, English, 55.00 Euro

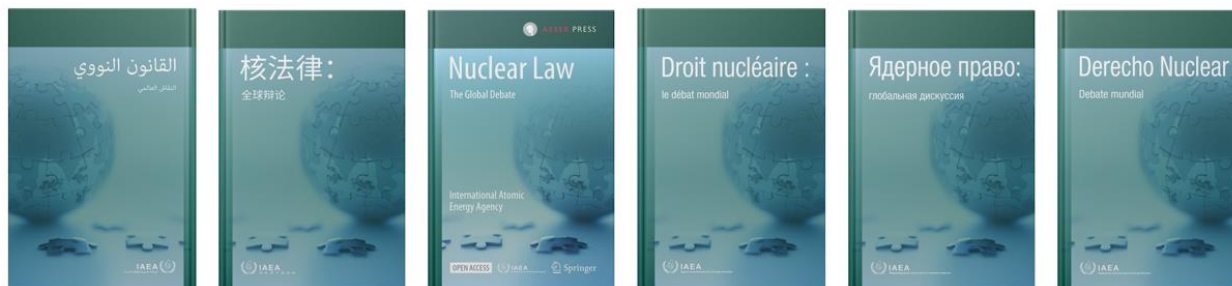
The online version can be found here:

[IAEA Safeguards Glossary | IAEA](#)

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The IAEA is pleased to announce the publication of language versions of the book ***Nuclear Law: The Global Debate*** in [Arabic](#), [Chinese](#), [French](#), [Russian](#) and [Spanish](#).

The Director General, Rafael Mariano Grossi, launched these publications yesterday at the [Symposium on International Safeguards](#)



The book traces the journey of nuclear law: its origins, how it has developed, where it is now and where it is headed. As a discipline, this highly specialized body of law makes it possible for us to benefit from the live-saving applications of nuclear science and technology, including diagnosing cancer as well as avoiding and mitigating the effects of climate change.

This book seeks to give readers a glimpse into the future of nuclear law, science and technology. The book which is a compilation of essays by experts in the field, intends to provoke thought and discussion about how we can maximise the benefits and minimize the risks inherent in nuclear science and technology. This compilation of essays presents a global view in discipline as well as in geography.

The online versions can be found here:

ARABIC: <https://www.iaea.org/ar/publications/15173/>

CHINESE: <https://www.iaea.org/zh/publications/15172/>

FRENCH: <https://www.iaea.org/fr/publications/15171/>

RUSSIAN: <https://www.iaea.org/ru/publications/15170/>

SPANISH: <https://www.iaea.org/es/publications/15167/>

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Guide to Knowledge Management Strategies and Approaches in Nuclear Energy Organizations and Facilities

IAEA Nuclear Energy Series No. NG-G-6.1

Nuclear professionals gain knowledge, experience and skills over the years while working at their organizations. Some of these are strategically important for continuous business performance. The success of a strategic knowledge management programme depends on the ability to convert individuals' knowledge, experience and skills into organizational assets. This publication, based on IAEA expert missions and assistance visits since 2004, provides guidance on developing and implementing a strategic knowledge management programme as a proactive measure, to reduce the risk of knowledge loss and provide both safety and financial benefits. It is aimed at leaders and decision makers in both industry, academia and government, senior and middle level managers, and knowledge management specialists in nuclear organizations.

STI/PUB/1957, 67 pp., 13 figs; 2022; ISBN: 978-92-0-125721-5, English, 36.00 Euro

Electronic version can be found:

[Guide to Knowledge Management Strategies and Approaches in Nuclear Energy Organizations and Facilities | IAEA](#)

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Introduction to Systems Engineering for the Instrumentation and Control of Nuclear Facilities

IAEA Nuclear Energy Series No. NR-T-2.14

This publication serves as a high-level introduction to systems engineering for instrumentation and control at nuclear facilities. Systems engineering is a holistic, interdisciplinary and cooperative approach to the engineering of large and complex systems. Many industrial sectors consider the approach as a necessary means to develop and utilize current and fit-for-purpose systems. This publication is intended to assist Member States in understanding the philosophy and methodologies of systems engineering as presented by the ISO/IEC/IEEE 15288 standard, and provide guiding principles for the application of systems engineering to nuclear facilities and their instrumentation and control. Where necessary, it provides relevant referrals to other publications for detailed practical aspects.

STI/PUB/2018; 80 pp., 17 figs; 2022; ISBN: 978-92-0-128522-5, English, 36.00 Euro

Electronic version can be found:

[Introduction to Systems Engineering for the Instrumentation and Control of Nuclear Facilities | IAEA](#)

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Management of Disused Radioactive Lightning Conductors and Their Associated Radioactive Sources

IAEA Nuclear Energy Series No. NW-T-1.15

It was formerly hypothesized that placing a radioactive source near the end of a lightning conductor would improve the likelihood that lightning would strike the conductor. It is estimated that hundreds of thousands of these radioactive lightning conductors (RLCs) were installed worldwide. However, no convincing scientific evidence has been produced to demonstrate increased efficacy and the use of RLCs does not comply with the justification principle established in the International Basic Safety Standards. Therefore, most countries have recognized the need to stop installing RLCs and to remove existing devices from the public domain. This publication summarizes all technical and organizational aspects related to the recovery and dismantling of RLCs as well as the safe management of the associated disused radioactive sources. The report describes the general arrangement, highlights the quality management components, identifies the staffing requirements and covers certain areas vital for the preparation for dismantling and source conditioning operations. Relevant information is provided on the various models of radioactive lightning conductors and how their design features influence the dismantling and source recovery operations. The publication also incorporates the most recent experience on various concluded projects in several Member States and captures the lessons learned.

STI/PUB/2025; 90 pp., 70 figs.; 2022; ISBN: 978-92-0-134822-7, English, 34.00 Euro

Electronic version can be found:

[Management of Disused Radioactive Lightning Conductors and Their Associated Radioactive Sources | IAEA](#)

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A Model to Assess Staffing Needs in Nuclear Medicine

IAEA Human Health Reports No. 19

This publication complements an online tool available on the IAEA Human Health Campus website and the IAEA's International Research Integration System (IRIS). Together they address and calculate staffing requirements for the optimal and safe delivery of nuclear medicine services, based on current standards of practice and relevant IAEA guidance. Users can assess their current performance as well as additional staffing needs depending on their case-mix — the type or mix of studies or treatments performed by their nuclear medicine department — or when acquiring new technologies. This publication and the online tool

are intended for hospital administrators, department heads and all nuclear medicine practitioners to support the planning of new departments, introduction of new technologies and periodic reviews of resources.

[STI/PUB/1965, 17 pp., 1 fig; 2022; ISBN: 978-92-0-131321-8, English, 10.00 Euro](#)

Electronic version can be found:

[A Model to Assess Staffing Needs in Nuclear Medicine | IAEA](#)

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Effective Nuclear and Radiation Regulatory Systems

Working Together to Enhance Cooperation

Proceedings of an International Conference Held in The Hague, Netherlands, 4–7 November 2019

Arising from the fifth in a series of international conferences on effective nuclear and radiation regulatory systems, this publication includes the opening addresses, a summary of the conference, and the conference President’s summary and conclusions. The participants’ presentations and posters from the conference are available as part of the online publication. Ongoing challenges, such as capacity building for regulatory infrastructure, knowledge management, and safety and security culture are addressed. Emerging issues, such as those associated with new technologies and those related to ageing nuclear power plants and the back-fitting of current safety measures to existing nuclear power plants, and decommissioning and waste management, are considered, as is the threat posed by counterfeit and fraudulent items. An important concept throughout is the interface between safety and security. The objective of the publication is to share regulatory experiences related to improving the effectiveness of nuclear and radiation regulatory systems, addressing the international framework for the safety and security of nuclear and other radioactive material. A key message is that international cooperation to address regulatory challenges improves regulatory effectiveness worldwide.

[STI/PUB/2034, 52 pp.; 2022; ISBN: 978-92-0-143822-5, English, 22.00 Euro](#)

The online version can be found here:

[Effective Nuclear and Radiation Regulatory Systems | IAEA](#)

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Copper-64 Radiopharmaceuticals: Production, Quality Control and Clinical Applications

IAEA Radioisotopes and Radiopharmaceuticals Series No. 7

Positron emission tomography (PET) is an important clinical tool, and with its longer half-life, copper-64 has several unique attributes that make it a multi-purpose radionuclide with many potential applications. Additionally, copper as a trace element plays a pivotal role in several human metabolic and pathologic diseases and is involved in malignant cells biochemistry pathways. This offers the opportunity for scientists to explore the theranostic capabilities of copper-64. This current publication, arising from an IAEA Coordinated Research Project, describes the biochemical and radiopharmaceutical aspects of copper-64, and its clinical applications, with specific guidelines and methods for the production of copper-64 chloride, peptide and monoclonal antibody radiopharmaceuticals. It is expected to be of use to all professionals involved in the field by specifying ideal production, formulation and quality control methods.

[STI/PUB/1961, 125 pp., 55 figs; 2022; ISBN: 978-92-0-129621-4, English, 42.00 Euro](#)

Electronic version can be found:

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Conduct of Operations at Nuclear Power Plants

IAEA Safety Standards Series No. SSG-76

Aimed primarily at operating organizations of nuclear power plants (NPPs) and regulatory bodies, this Safety Guide provides specific recommendations to ensure that operations in NPPs are conducted in a safe, effective, thorough and professional manner. It identifies the main responsibilities and operating practices in relation to such safe operation. The structure of the operations department, which is the part of the operating organization responsible for the conduct of operations of an NPP is addressed. Also addressed are the setting of high standards of performance and making safety related decisions in an effective manner, conducting control room activities in a thorough and professional manner and maintaining a nuclear power plant within the established operational limits and conditions.

[STI/PUB/2032](#); 66 pp.; 2022; ISBN: 978-92-0-140222-6, English, 36.00 Euro

Electronic version can be found:

[Conduct of Operations at Nuclear Power Plants | IAEA](#)

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Notification, Authorization, Inspection and Enforcement for the Safety and Security of Radiation Sources

Technical Reports Series No. 1002

This publication has been developed to assist IAEA Member States in establishing and maintaining regulatory control through notification, authorization, inspection and enforcement in relation to facilities and activities with radiation sources, in order to achieve the fundamental safety and security objectives. The publication addresses the implementation of the requirements for safety and security in a harmonized way, taking into account differences in the requirements as well as differences in States' regulatory infrastructures. For example, in some States the same regulatory body is responsible for the control of safety and security, while in others, safety and security are controlled by separate regulatory bodies. A harmonized approach for notification, authorization, inspection and enforcement is intended to improve the efficiency and effectiveness of regulatory control through concurrent inspection for safety and security.

[STI/DOC/010/1002](#); 236 pp., 7 figs; 2022; ISBN: 978-92-0-126622-4, English, 72.00 Euro

Electronic version can be found:

[Notification, Authorization, Inspection and Enforcement for the Safety and Security of Radiation Sources | IAEA](#)

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