
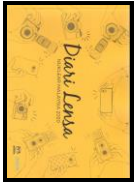
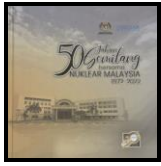



**SENARAI PEROLEHAN BAHAN PERPUSTAKAAN NUKLEAR MALAYSIA
SEPTEMBER 2022**



KOLEKSI BUKU/MONOGRAF


BIL	KULIT	JUDUL/PENGARANG	PENERBIT	TAHUN	ISBN	JUMLAH NASKHAH
1		Langkah Demi Langkah Ke Puncak : Menjejaki Perintis Sains Aliran Melayu UKM 70	-	2021	-	1
2		Diari Lensa : Nuklear Malaysia 2020	Nuklear Malaysia	2020	978-967-9970-80-7	5
3		50 Tahun Gemilang Bersama Nuklear Malaysia 1972 - 2022	Nuklear Malaysia	2022	978-967-2706-10-6	5
4		Minggu Sains Negara : Sains Untuk Kesejahteraan	MESTECC	2019	-	3

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KOLEKSI BULLETIN/MAJALAH/JURNAL

BIL	KULIT	JUDUL/BAHAN	PENERBIT	KELUARAN/ISU				BIL/ NASKHAH
				VOL	ISU	BULAN	TAHUN	
1		Berita Perikanan	Jabatan Perikanan Malaysia		Bil. 120	Mac	2022	1
2		Dewan Ekonomi	Dewan Bahasa dan Pustaka		Bil. 9	Sept.	2022	2
3		Dewan Kosmik	Dewan Bahasa dan Pustaka		Bil. 9	Sept.	2022	2
4		Dewan Masyarakat	Dewan Bahasa dan Pustaka		Bil. 9	Sept.	2022	2
5		Dewan Tamadun Islam	Dewan Bahasa dan Pustaka		Bil. 9	Sept.	2022	2
6		Pelita Bahasa	Dewan Bahasa dan Pustaka		Bil. 9	Sept.	2022	2

7		Reader's Digest	Reader's Digest Asia			Sept.	2022	2
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TERBITAN IAEA YANG TERKINI (SEPTEMBER 2022)

The IAEA is pleased to announce the publication of:

Safety Assessment for Research Reactors and Preparation of the Safety Analysis Report

IAEA Safety Standards Series No. SSG-20 (Rev. 1)

This Safety Guide provides recommendations on the safety assessment for research reactors in the authorization process, and on performance of safety analysis and preparation of the safety analysis report. It also incorporates the relevant lessons learned from the accident at the Fukushima Daiichi nuclear power plant and elaborates guidance on interfaces between nuclear safety and nuclear security. The recommendations in this Safety Guide are intended for operating organizations of research reactors; it can also be used by designers performing a safety assessment for a research reactor. Furthermore, this guide provides useful guidance for regulatory bodies performing a review and assessment of submitted safety analysis reports as an important document within authorization process. This Safety Guide is a revision of IAEA Safety Standards Series No. SSG-20, which it supersedes.

[STI/PUB/1981,129 pp.; 2022; ISBN: 978-92-0-141521-9, English, 54.00 Euro](#)

Electronic version can be found:

[Safety Assessment for Research Reactors and Preparation of the Safety Analysis Report | IAEA](#)

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Safety in the Utilization and Modification of Research Reactors

IAEA Safety Standards Series No. SSG-24 (Rev. 1)

This Safety Guide is a revision of IAEA Safety Standards Series No. SSG-24, which it supersedes. The current publication provides recommendations on how to meet the applicable safety requirements relating to the utilization and modification of research reactors. The recommendations focus on the categorization, safety assessment and approval of research reactor experiments and modification projects. The publication also incorporates the relevant lessons learned from the accident at the Fukushima Daiichi nuclear power plant and elaborates on interfaces between nuclear safety and nuclear security. Specific safety considerations in different phases of utilization and modification projects are covered, including preimplementation, implementation, and post implementation phases. Guidance is given on operational safety of experiments, including the handling, dismantling, post-irradiation examination and disposal of experimental devices. The publication is intended to be of use to individuals within the operating organizations of research reactors, regulatory bodies, as well as the experimenters, technical support organizations and other persons involved in utilization and modification projects.

[STI/PUB/1982, 71 pp., 1 Fig; 2022; ISBN: 978-92-0-141921-7, English, 44.00 Euro](#)

Electronic version can be found:

[Safety in the Utilization and Modification of Research Reactors | IAEA](#)

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Comprehensive Audits of Radiotherapy Practices: A Tool for Quality Improvement

On request, the IAEA performs comprehensive audits of radiotherapy programmes to assess the whole process, including aspects such as organization, infrastructure and clinical and medical physics components. The objective of a comprehensive clinical audit is to review and evaluate the quality of all components of the practice of radiotherapy at the institution, including its professional competence, with a view to quality improvement. A multidisciplinary team, known as Quality Assurance Team in Radiation Oncology (QUATRO), comprising a radiation oncologist, a medical physicist and a radiation therapist, are required to carry out the audit. The present publication provides revisions of the QUATRO guidelines published in 2007, by incorporating new procedures relevant to newer technologies and modalities that have become routinely used in radiotherapy centres in the interim period.

STI/PUB/1990, 119 pp.; 2022; ISBN: 978-92-0-101122-0, English, 52.00 Euro

Electronic version can be found:

[Comprehensive Audits of Radiotherapy Practices: A Tool for Quality Improvement | IAEA](#)

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Operational Limits and Conditions and Operating Procedures for Nuclear Power Plants

IAEA Safety Standards Series No. SSG-70

The recommendations provided in this Safety Guide are aimed primarily at operating organizations of nuclear power plants and regulatory bodies. It covers the concept of operational limits and conditions (OLCs), their content as applicable to nuclear power plants, and the responsibilities of the operating organization for their establishment, modification, compliance and documentation. Operating procedures (including emergency operating procedures and severe accident management guidelines) to support the implementation of the OLCs and to ensure their observance are also within the scope of this Safety Guide.

STI/PUB/2009, 47 pp., 2 figs; 2022; ISBN: 978-92-0-123922-8, English, 30.00 Euro

Electronic version can be found:

[Operational Limits and Conditions and Operating Procedures for Nuclear Power Plants | IAEA](#)

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Modifications to Nuclear Power Plants

IAEA Safety Standards Series No. SSG-71

Aimed primarily at regulatory bodies and the operating organizations of nuclear power plants, this Safety Guide provides recommendations on controlling activities relating to modifications to nuclear power plants. It covers modifications relating to plant configuration and to the operating organization, as well as temporary modifications. The responsibilities of the operating organization for the design, safety assessment and review, control, implementation and testing of these modifications are also within the scope of this Safety Guide as are the repair and replacement of equipment and components as part of the maintenance of the plant leading to new components.

STI/PUB/2012; 37 pp., 1 fig; 2022; ISBN: 978-92-0-125322-4, English, 30.00 Euro

Electronic version can be found:

[Modifications to Nuclear Power Plants | IAEA](#)

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The Operating Organization for Nuclear Power Plants **IAEA Safety Standards Series No. SSG-72**

Written for use by regulatory bodies and the operating organizations of nuclear power plants, this Safety Guide addresses the commissioning, operation and preparation for decommissioning stages for a nuclear power plant. The role of the operating organization in the siting, design, manufacturing and construction of a nuclear power plant is outside the scope. In most States, the operating organization is the legal entity responsible for safety, financial and commercial obligations, as well as other obligations that are connected with the operation of a nuclear power plant. This Safety Guide is solely concerned with those responsibilities and obligations that are necessary to ensure the safe operation of the nuclear power plant(s) under the control of the operating organization.

[STI/PUB/2013; 57 pp.; 2022; ISBN: 978-92-0-125622-5, English, 34.00 Euro](#)

Electronic version can be found:

[The Operating Organization for Nuclear Power Plants | IAEA](#)

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Core Management and Fuel Handling for Nuclear Power Plants **IAEA Safety Standards Series No. SSG-73**

Aimed primarily at operating organizations of nuclear power plants and regulatory bodies, this Safety Guide covers the safety objective of core management and the basic tasks of the core management programme. The receipt of fresh fuel, storage and handling of fuel assemblies and core components, the loading and unloading of fuel assemblies and core components, and the insertion and removal of other reactor materials are within the scope of this Safety Guide. The publication also covers the preparations for the dispatch of irradiated fuel from the site.

[STI/PUB/2024, 55 pp.; 2022; ISBN: 978-92-0-131622-6, English, 34.00 Euro](#)

Electronic version can be found:

[Core Management and Fuel Handling for Nuclear Power Plants | IAEA](#)

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