SENARAI PEROLEHAN BAHAN PERPUSTAKAAN NUKLEAR MALAYSIA
OKTOBER 2022

KOLEKSI BUKU/MONOGRAF

BIL	KULIT	JUDUL/PENGARANG	PENERBIT	TAHUN	ISBN	JUMLAH NASKHAH
1		Beras Berwarna : Nilai Pemakanan dan Antioksidan by Norlida Mat Daud, Aminah Abdullah. Nazaratul Ashifa Abdullah Salim	Penerbit UKM	2020	978-967-412-944-6	1

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KOLEKSI BULLETIN/MAJALAH/JURNAL

BIL	KULIT	JUDUL/BAHAN	PENERBIT	KELUARAN/ISU				BIL/ NASKHAH
				VOL	ISU	BULAN	TAHUN	
1		Dewan Ekonomi	Dewan Bahasa dan Pustaka		Bil. 10	Okt.	2022	2
2		Dewan Kosmik	Dewan Bahasa dan Pustaka		Bil. 10	Okt.	2022	2

3		Dewan Masyarakat	Dewan Bahasa dan Pustaka		Bil. 10	Okt.	2022	2
4		Dewan Tamadun Islam	Dewan Bahasa dan Pustaka		Bil. 10	Okt.	2022	2
5		Pelita Bahasa	Dewan Bahasa dan Pustaka		Bil. 10	Okt.	2022	2
6		Reader's Digest	Reader's Digest Asia			Okt.	2022	2
7		FRIM in Focus	FRIM			Sept.	2022	1

TERBITAN IAEA YANG TERKINI (OKTOBER 2022)

The IAEA is pleased to announce the publication of:

Criticality Safety in the Handling of Fissile Material

IAEA Safety Standards Series No. SSG-27 (Rev. 1)

The objectives of nuclear criticality safety are to prevent a self-sustained nuclear chain reaction. This Safety Guide provides guidance and recommendations on how to meet the relevant requirements for ensuring subcriticality when dealing with fissile material and for planning the response to criticality accidents. The recommendations address how to ensure subcriticality in systems involving fissile materials during normal operation and during credible abnormal conditions, from initial design through commissioning, operation and decommissioning. This publication also provides recommendations on identification of credible abnormal conditions; performance of criticality safety assessments; verification, benchmarking and validation of calculation methods; safety measures to ensure subcriticality; and management of criticality safety. The guidance and recommendations are applicable to both regulatory bodies and operating organizations.

STI/PUB/1995, 86 pp; 2022; ISBN: 978-92-0-118722-2, English, 46.00 Euro

Electronic version can be found:

Criticality Safety in the Handling of Fissile Material | IAEA

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Energy, Electricity and Nuclear Power Estimates for the Period up to 2050

2022 Edition

Reference Data Series No. 1

The 42nd edition of RDS-1 contains estimates of energy, electricity and nuclear power trends up to the year 2050. The publication is organized into world and regional subsections, with global and regional nuclear power projections presented as low and high cases, encompassing the uncertainties inherent in projecting trends.

IAEA-RDS-1/42; 137 pp., 61 figs; 2022; ISBN: 978-92-0-136722-8, English, 24.00 Euro

Electronic version can be found:

Energy, Electricity and Nuclear Power Estimates for the Period up to 2050 | IAEA

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Evaluation of the Status of National Nuclear Infrastructure Development (Rev. 2)

IAEA Nuclear Energy Series No. NG-T-3.2 (Rev.2)

This publication provides a holistic approach to evaluate progress in the development of a nuclear power infrastructure based on the guidance contained in IAEA Nuclear Energy Series No. NG-G-3.1, Milestones in the Development of a National Infrastructure for Nuclear Power. It is intended to support Member States in their progress evaluation, or as a basis for an IAEA Integrated Nuclear Infrastructure Review (INIR) mission. While Phases 1 and 2 of nuclear power infrastructure development are contained in the previous editions, evaluation methodology and conditions for Phase 3 have been added to this revision, using the feedback and lessons learned from its application in two pilot INIR Phase 3 missions.

STI/PUB/2001; 97 pp., 83 figs; 2022; ISBN: 978-92-0-121322-8, English, 38.00 Euro

Electronic version can be found:

Evaluation of the Status of National Nuclear Infrastructure Development (Rev. 2) | IAEA

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IAEA Nuclear Safety and Security Glossary

Terminology Used in Nuclear Safety, Nuclear Security, Radiation Protection and Emergency Preparedness and Response

2022 (Interim) Edition

The IAEA Nuclear Safety and Security Glossary, 2022 (Interim) Edition, defines and explains technical terms used in IAEA safety standards and nuclear security guidance and other safety and security related IAEA publications, and provides information on their usage. It includes terms and definitions that have been established in IAEA safety standards and nuclear security guidance issued and approved up to 2022. The primary purpose of the publication is to promote consistency of terminology and usage. The glossary provides guidance for drafters and reviewers of safety standards, nuclear security guidance and other publications and is a source of information for users of these publications.

IAEA/NSS/GLO, 246 pp., 6 figs; 2022; ISBN: 978-92-0-141822-7, English, 44.00 Euro

Electronic version can be found:

IAEA Nuclear Safety and Security Glossary | IAEA

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Practices for Interim Storage of Research Reactor Spent Nuclear Fuel

IAEA Nuclear Energy Series No. NF-T-3.10

This publication provides an introduction to the management of research reactor spent nuclear fuel (RRSNF). Five key areas are discussed: types of RRSNF, characterization data, wet storage considerations, dry storage considerations, and lessons learned and current practices. Information on internationally accepted standards as well as information on aspects such as drying treatment and surveillance programmes are presented, as well as suggestions for further optimization of effective and safe storage of RRSNF through the application of new approaches. The intended users of this publication include industry professionals at operating research reactors and at RRSNF storage facilities who need to identify the most suitable approach for interim storage of spent fuel.

STI/PUB/2007, 96 pp., 36 figs; 2022; ISBN: 978-92-0-123122-2, English, 34.00 Euro

Electronic version can be found:

Practices for Interim Storage of Research Reactor Spent Nuclear Fuel | IAEA

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2 December 2013:12.0pt;font-family:"Arial",sans-serif;color:blue">The Radiological Incident in Hueypoxtla

In the early morning of 2 December 2013, a vehicle transporting a radiotherapy machine head containing a category 1, cobalt-60 radioactive source was stolen, resulting in radiation exposure to members of the public. This publication provides information about the circumstances of the incident and the response actions taken by the Mexican authorities, including dose assessments performed to identify the individuals exposed. The publication also describes the actions taken by the IAEA. Observations and lessons identified are presented.

IAEA/RAD/INC; 48 pp., 11 figs; 2022; ISBN: 978-92-0-136222-3, English, 24.00 Euro

Electronic version can be found:

The Radiological Incident in Hueypoxtla | IAEA

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Recruitment, Qualification and Training of Personnel for Nuclear Power Plants

IAEA Safety Standards Series No. SSG-75

This Safety Guide identifies the main objectives and responsibilities of the operating organization for the recruitment, qualification and training of personnel for new and existing nuclear power plants to establish and maintain a high level of competence of personnel and to ensure safe operation of the nuclear power plant. This publication can also be used as a guide for the recruitment, training and qualification of personnel for nuclear installations other than nuclear power plants.

STI/PUB/2029; 62 pp., 2 figs; 2022; ISBN: 978-92-0-137422-6, English, 32.00 Euro

Electronic version can be found:

Recruitment, Qualification and Training of Personnel for Nuclear Power Plants | IAEA

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