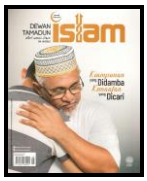
SENARAI PEROLEHAN BAHAN PERPUSTAKAAN NUKLEAR MALAYSIA
JUN 2022

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. 5	Mei	2022	2
2		Dewan Ekonomi	Dewan Bahasa dan Pustaka		Bil.6	Jun	2022	2
3		Dewan Kosmik	Dewan Bahasa dan Pustaka		Bil. 4	April	2022	2
4		Dewan Kosmik	Dewan Bahasa dan Pustaka		Bil. 5	Mei	2022	2
5		Dewan Kosmik	Dewan Bahasa dan Pustaka		Bil. 6	Jun	2022	2
6		Dewan Masyarakat	Dewan Bahasa dan Pustaka		Bil. 5	Mei	2022	2

7		Dewan Masyarakat	Dewan Bahasa dan Pustaka		Bil. 6	Jun	2022	2
8		Dewan Tamadun Islam	Dewan Bahasa dan Pustaka		Bil. 4	April	2022	2
9		Dewan Tamadun Islam	Dewan Bahasa dan Pustaka		Bil. 5	Mei	2022	2
10		Dewan Tamadun Islam	Dewan Bahasa dan Pustaka		Bil. 6	Jun	2022	2
11		Pelita Bahasa	Dewan Bahasa dan Pustaka		Bil. 5	Mei	2022	2
12		Pelita Bahasa	Dewan Bahasa dan Pustaka		Bil. 6	Jun	2022	2
13		Reader's Digest	Reader's Digest Asia			Feb.	2022	2
14		Reader's Digest	Reader's Digest Asia			Mei	2022	2
15		Reader's Digest	Reader's Digest Asia			Jun	2022	2

16		Dewan Sastera	Dewan Bahasa dan Pustaka		Bil. 4	April	2022	1

TERBITAN IAEA YANG TERKINI (JUN 2022)

The IAEA is pleased to announce the publication of:

Radiation Protection in Dental Radiology
Safety Reports Series No. 108

X ray imaging is used extensively in dentistry to diagnose symptoms, plan and monitor treatments and to follow up pathoses. This Safety Report provides guidance on meeting the requirements for radiation protection and safety in uses of ionizing radiation in dentistry established in IAEA Safety Standards Series No. GSR Part 3, Radiation Protection and Safety of Radiation Sources: International Basic Safety Standards. It includes guidelines for the justification and appropriateness of medical exposure, and the optimization of radiation protection and safety for patients, carers and dental staff, with detail on considerations relevant for children and pregnant women. Quality assurance, dosimetry and the operation of dental radiological equipment are also discussed. This publication is intended for dental practitioners, referring medical practitioners, medical radiation technologists and other dental health professionals, as well as medical physicists, radiation protection experts, manufacturers and regulators.
STI/PUB/1972, 109 pp.; 2022; ISBN: 978-92-0-138421-8, English, 40.00 Euro

The electronic version for the above publication can be found below:

Radiation Protection in Dental Radiology | IAEA

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Quality Assurance and Quality Control in Neutron Activation Analysis: A Guide to Practical Approaches
Technical Reports Series No. 487

Neutron Activation Analysis (NAA) is the most common technique used in research reactors worldwide. The IAEA aims to enhance quality assurance in NAA laboratories by supporting annual proficiency testing, by developing and offering relevant e-learning as well as specialized publications. This publication, which is based on the most up to date relevant ISO guides and international practices, provides practical guidance on quality assurance (QA) and quality control (QC) in NAA laboratories. It is intended to be used in the day-to-day work of NAA at research reactors. Potential sources of errors and associated QA/QC actions are detailed for all main areas of NAA practice. Easy to use tables are provided, intended for direct reference in the laboratory.
STI/DOC/010/487, 51 pp., 1 fig; 2022; ISBN: 978-92-0-132421-4, English, 30.00 Euro

Electronic version can be found:

Quality Assurance and Quality Control in Neutron Activation Analysis: A Guide to Practical Approaches | IAEA

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Ageing Management and Long Term Operation of Nuclear Power Plants: Data Management, Scope Setting, Plant Programmes and Documentation

Safety Reports Series No. 106

In recent decades, the number of IAEA Member States planning to extend the operation of their nuclear power plants (NPPs) beyond the time frame originally anticipated has steadily increased. These decisions have been influenced by the significant economic advantages offered by the long term operation (LTO) of existing NPPs. This Safety Report complements IAEA Safety Standards Series Nos SSR-2/2 (Rev. 1), Safety of Nuclear Power Plants: Commissioning and Operation, and SSG-48, Ageing Management and Development of a Programme for Long Term Operation of Nuclear Power Plants. It provides information on selected topics from the latter, and specifically, it addresses data collection and record keeping, scope setting for structures, systems and components, plant programmes, corrective action programmes, and documentation of ageing management and LTO assessment. The publication focuses on NPPs throughout their lifetime, including operation beyond the time frame originally established for their operation and decommissioning, while considering the different reactor designs that exist around the world. It is also relevant for facilities for spent fuel storage and radioactive waste management at NPPs. It may also be used as a basis for managing the ageing of other nuclear installations and for radioactive waste management facilities. This Safety Report is intended to provide information for operating organizations but may be also used by regulatory bodies.

STI/PUB/1966, 106 pp., 8 figs; 2022; ISBN: 978-92-0-132821-2, English, 56.00 Euro

Electronic version can be found:

Ageing Management and Long Term Operation of Nuclear Power Plants: Data Management, Scope Setting, Plant Programmes and Documentation | IAEA

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Advisory Material for the IAEA Regulations for the Safe Transport of Radioactive Material (2018 Edition)

IAEA Safety Standards Series No. SSG-26 (Rev. 1)

This Safety Guide provides recommendations and guidance on achieving and demonstrating compliance with IAEA Safety Standards Series No. SSR-6 (Rev. 1), Regulations for the Safe Transport of Radioactive Material (2018 Edition), which establishes the requirements to be applied to the national and international transport of radioactive material. Transport is deemed to comprise all operations and conditions associated with and involved in the movement of radioactive material, including the design, fabrication and maintenance of packaging, and the preparation, consigning, handling, carriage, storage in transit, shipment after storage and receipt at the final destination of packages. The Advisory Material is not a stand-alone text. It is to be used concurrently as a companion to the IAEA Safety Standards Series No. SSR-6 (Rev. 1) and each paragraph of this guide is numbered correspondingly to the paragraph of the Regulations to which it most directly relates.

STI/PUB/1953; 495 pp., 16 figs; 2022; ISBN: 978-92-0-119021-5, English, 72.00 Euro

Electronic version can be found:

Advisory Material for the IAEA Regulations for the Safe Transport of Radioactive Material (2018 Edition) | IAEA

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Regulatory Oversight of Ageing Management and Long Term Operation Programme of Nuclear Power Plants

Safety Reports Series No. 109

As Member States seek to extend the operating lifetime of nuclear power plants beyond that which was originally licensed, safety oversight of ageing management and long term operation (LTO) has become increasingly important. This Safety Report provides technical and practical information based on existing regulatory approaches and practices of Member States, and the application of the IAEA Safety Standards. This includes requirements and pre-conditions of the regulatory body for LTO, authorization processes applied to LTO, and regulatory practices and documentation to prepare for and implement LTO. The report is intended for nuclear safety authorities, operating organizations, licensees,

manufacturers, designers and technical support organizations considering authorization for LTO of nuclear power plants.
STI/PUB/1973; 79 pp.; 2022; ISBN: 978-92-0-108122-3, English, 48.00 Euro

Electronic version can be found:

Regulatory Oversight of Ageing Management and Long Term Operation Programme of Nuclear Power Plants | IAEA

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Format and Content of the Package Design Safety Report for the Transport of Radioactive Material

IAEA Safety Standards Series No. SSG-66

Requirements for the safe transport of radioactive material are established in IAEA Safety Standards Series No. SSR-6 (Rev. 1), Regulations for the Safe Transport of Radioactive Material, 2018 Edition. Packages intended for the transport of radioactive material have to be designed to meet applicable national and international regulations. For package designs that require approval by a competent authority, the documentary evidence of compliance with the applicable regulations is commonly known as package design safety report (PDSR). For package designs that do not require competent authority approval, a PDSR would also be an appropriate form of documentary evidence of compliance with the Transport Regulations. This Safety Guide provides recommendations on the preparation of a PDSR to demonstrate compliance of a package design for the transport of radioactive material with the Transport Regulations. This Safety Guide is intended for use by applicants for approval of package designs (when package designs are subject to competent authority approval) as well as by package designers and/or consignors (when package designs do not require competent authority approval). Regulators will benefit from the common structure for the competent authority assessment process, and designers and consignors will find a consistent approach to justify the compliance of a package design with the regulatory requirements.
STI/PUB/1980, 108 pp., 2 figs; 2022; ISBN: 978-92-0-141321-5, English, 48.00 Euro

Electronic version can be found:

Format and Content of the Package Design Safety Report for the Transport of Radioactive Material | IAEA

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Resource Requirements for Nuclear Power Infrastructure Development

IAEA Nuclear Energy Series No. NG-T-3.21

Developing a nuclear power programme is a major undertaking requiring careful planning and preparation. This publication provides guidance for Member States that with to assess the resources required for the development of the infrastructure needed for a nuclear power programme. Resource estimates are presented in person years, to account for economic differences across countries, in terms of labour costs, which may vary significantly. The data are presented in sufficient detail that they can also be used by countries that have decided to expand their nuclear programme after a long period without building any new nuclear power plants.
STI/PUB/1997; 36 pp.; 8 figs; 2022; ISBN: 978-92-0-119822-8, English, 20.00 Euro

Electronic version can be found:

Resource Requirements for Nuclear Power Infrastructure Development | IAEA

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