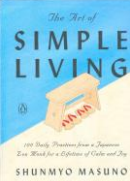






**SENARAI PEROLEHAN BAHAN PERPUSTAKAAN NUKLEAR MALAYSIA
JAN 2020**



KOLEKSI BUKU/MONOGRAF

BIL	KULIT	JUDUL/PENGENGARAN	PENERBIT	TAHUN	ISBN	JUMLAH NASKHAH
1		THE ART OF SIMPLE LIVING BY SHUNMYO MASUNO	PENGIUN BOOKS	2019	9780143134046	1
2		PROCEEDINGS OF THE 15 TH INTERNATIONAL CONFERENCE ON NUCLEAR REACTION MECHANISMS VARENNA (ITALY), VILLA MONASTERO BY F. CERUTTI	CERN	2018	978920835196	1
3		SYOR PENGURUSAN PEROSAK TANAMAN	JABATAN PERTANIAN MALAYSIA	2019		1
4		ELEMENTS OF NUCLEAR SAFETY RESEARCH REACTORS BY JEAN COUTURIES	INSTITUT DE RADIOPROTECTION	2019	9782759823567	1
5		MALAYSIA THIRD NATIONAL COMMUNION AND SECOND BIENNIAL UPDATE REPORT TO UNFCCC	MESTECC		9789671329740	1

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BIL	KULIT	JUDUL/BAHAN	PENERBIT	KELUARAN/ISU				BIL/ NASKHAH
				VOL	ISU	BULAN	TAHUN	
1		NEWS FROM ICTP AUTUMN-WINTER 2019	INTERNATIONAL CENTRE FOR THEORETICAL PHYSICS		148		2019	1
2		THE INGENIEUR	LEMBAGA JURUTERA MALAYSIA	VOL. 80		OCT-DEC	2019	1
3		THE ANNUAL REPORT FOR 2018	VIETNAM ATOMIC ENERGY INSTITUTE				2018	1
4		ENERGY MALAYSIA	SURUHANJAYA TENAGA	VOL. 19			2019	2
5		MALAYSIA SAFE	HIKVISION (MALAYSIA) SDN. BHD.			JAN-FEB	2020	1

TERBITAN IAEA YANG TERKINI (JAN 2020)

The IAEA is pleased to announce the publication of:

Design of the Reactor Core for Nuclear Power Plants

IAEA Safety Standards Series No. SSG-52

The reactor core is the central part of a nuclear reactor where nuclear fission occurs. It consists of four basic systems and components: the fuel (including fuel rods and the fuel assembly structure), the coolant, the moderator and the control rods, as well as additional structures such as reactor pressure vessel internals, core support plates, and the lower and upper internal structure in light water reactors. This Safety Guide provides recommendations on meeting the safety requirements established in SSR-2/1 (Rev. 1) applied to the design of the reactor core for nuclear power plants. The publication addresses the safety aspects of the core design and includes neutronic, thermohydraulic, thermomechanical, and structural mechanical aspects. Other aspects considered are those relating to reactor core control, shutdown and monitoring, and core management.

STI/PUB/1859, 69 pp.; 2019; ISBN: 978-92-0-103819-7, English, 41.00 Euro

Electronic version can be found:

<https://www.iaea.org/publications/13382/design-of-the-reactor-core-for-nuclear-power-plants>

Developing a Nuclear Security Contingency Plan for Nuclear Facilities

IAEA Nuclear Security Series No. 39-T

This publication provides guidance to States, competent authorities and operators on how to develop and maintain contingency plans for nuclear facilities. It can be used as a starting point for organizations that have not previously prepared or developed contingency plans, as well as a reference for organizations that wish to validate or improve their existing contingency plans. It is intended for use by senior managers and security specialists charged with developing such plans and by competent authorities responsible for their oversight.

STI/PUB/1873, 33 pp.; 2019; ISBN: 978-92-0-105219-3, English, 30.00 Euro

Electronic version can be found:

<https://www.iaea.org/publications/13433/developing-a-nuclear-security-contingency-plan-for-nuclear-facilities>

International Safeguards in the Design of Enrichment Plants

IAEA Nuclear Energy Series No. NF-T-4.10

This publication is part of a series that aims to inform nuclear facility designers, vendors, operators and State governments, about IAEA safeguards and how associated requirements can be considered early in the design phase of a new nuclear facility. This particular publication is applicable to the design and construction of commercial uranium enrichment plants. Safeguards by design dialogue undertaken early in the design and construction of enrichment plants facilitates the implementation of safeguards throughout all the lifecycle stages of the facility. The potential to reduce costs, avoid retrofits and achieve efficiencies both for the operator and for IAEA Member States, are important drivers for the early consideration of safeguards in a nuclear facility design project.

STI/PUB/1865, 44 pp., 11 figs; 2019; ISBN: 978-92-0-104419-8, English, 35.00 Euro

Electronic version can be found:

<https://www.iaea.org/publications/13452/international-safeguards-in-the-design-of-enrichment-plants>

International Safeguards in the Design of Reprocessing Plants

IAEA Nuclear Energy Series No. NF-T-3.2

This publication is part of a series that aims to inform nuclear facility designers, vendors, operators and State governments, about IAEA safeguards and how associated requirements can be considered early in the design phase of a new nuclear facility. This particular publication is applicable to the design of spent nuclear fuel reprocessing plants. Safeguards by design dialogue undertaken early in the design and construction of reprocessing plants, facilitates the implementation of safeguards throughout all the lifecycle stages of the facility. The potential to reduce costs, avoid retrofits and achieve efficiencies both for the operator and for IAEA Member States, are important drivers for the early consideration of safeguards in a nuclear facility design project.

STI/PUB/1866, 62 pp., 15 figs; 2019; ISBN: 978-92-0-104519-5, English, 34.00 Euro

Electronic version can be found:

<https://www.iaea.org/publications/13454/international-safeguards-in-the-design-of-reprocessing-plants>

Security of Radioactive Material in Use and Storage and of Associated Facilities

IAEA Nuclear Security Series No. 11-G (Rev.1)

This new revision provides guidance to States and their competent authorities on how to establish or improve, implement, maintain and sustain the elements of the nuclear security regime related to radioactive material, associated facilities and activities, with particular emphasis on the development of regulatory requirements. The publication applies to the security of radioactive material in use or in storage

as well as associated facilities and associated activities and assists Member States in their regimes against unauthorized removal of the radioactive material or sabotage performed with the intent to cause harmful radiological consequences.

STI/PUB/1840, 105 pp.; 2 figs.; 2019; ISBN: 978-92-0-110018-4, English, 50.00 Euro

Electronic version can be found:

<https://www.iaea.org/publications/12360/security-of-radioactive-material-in-use-and-storage-and-of-associated-facilities>

Preventive and Protective Measures against Insider Threats

IAEA Nuclear Security Series No. 8-G (Rev. 1)

This publication is a revision of IAEA Nuclear Security Series No. 8, Preventive and Protective Measures against Insider Threats, published in 2008. The new publication provides updated guidance to States, their competent authorities and operators, shippers and carriers on selecting, implementing, and evaluating measures for addressing insider threats. It applies to any type of nuclear facility, notably nuclear power plants, research reactors, and other nuclear fuel-cycle facilities (e.g. enrichment plants, reprocessing plants, fuel fabrication plants and storage facilities), whether in design, redesign, construction, commissioning, operation, shutdown or decommissioning.

STI/PUB/1858, 37 pp.; 1 fig., 2020; ISBN: 978-92-0-103419-9, English, 24.00 Euro

Electronic version can be found:

<https://www.iaea.org/publications/12354/preventive-and-protective-measures-against-insider-threats>