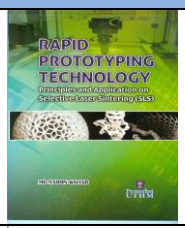
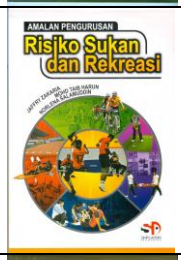
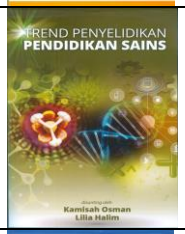
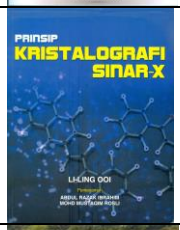
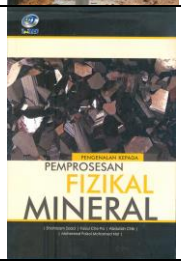
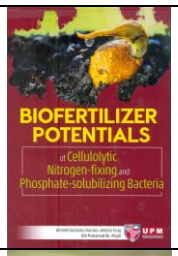
SENARAI PEROLEHAN BAHAN PERPUSTAKAAN NUKLEAR MALAYSIA
OKT 2018

KOLEKSI BUKU/MONOGRAF

BIL	KULIT	JUDUL/PENGARANG	PENERBIT	TAHUN	ISBN	JUMLAH NASKHAH
1		RAPID PROTOTYPING TECHNOLOGY : PRINCIPLES AND APPLICATION ON SELECTIVE LASER SINTERING (SLS) / MD SAIDIN WAHAB	UTHM	2017	9789670764764	1
2		AMALAN PENGURUSAN RISIKO SUKAN DAN REKREASI/ JAFFRY BIN ZAKARIA	SIMPLANDIN RESOURCES	2018	9879671585900	1
3		TREND PENYELIDIKAN PENDIDIKAN SAINS/ KAMISAH OSMAN	UKM	2016	9789674123260	1
4		PRINSIP KRISTALOGRAFI SINAR-X/LI-LING OOI	USM	2016	9789838619943	1
5		PEMODELAN HAKISAN TANAH MENGGUNAKAN TEKNIK 137Cs/WAN RUSLAN ISMAIL	USM	2017	9789674610227	1
6		PEMPROSESAN FIZIKAL MINERAL/ SHAHRIZAM SAAD	UMP	2013	9789675415647	1

7		BIOFERTILIZER POTENTIALS OF CELLULOLYTIC NITROGEN-FIXING AND PHOSPHATE-SOLUBILING BACTERIA/ AHMED OSUMANU HARUNA	UPM PRESS	2018	9789673447930	1
8		POTENSI PRODUK HIJAU TERMAJU DARIPADA SUMBER BIOJISIM PERTANIAN/ HATIKA KACO	UKM	2018	9789674125387	1
9		SWAPEMULIHAN POLIMER/ MOHD SUZEREN MD JAMIL	UKM	2017	9789674125370	1

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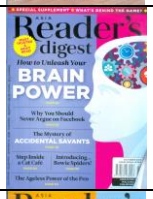
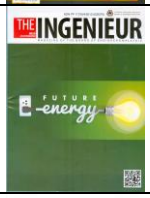
NUKLEAR MALAYSIA

KOLEKSI BULLETIN/MAJALAH/ JURNAL

BIL	KULIT	JUDUL/BAHAN	PENERBIT	KELUARAN/ISU				BIL/ NASKHAH
				VOL	ISU	BULAN	TAHUN	
1		AL- ISLAM	UTUSAN KARYA SDN. BHD. ISSN0126-63.6		BIL. 536	OKT	2018	2
2		DEWAN MASYARAKAT	ULTIMATE PRINT SDN. BHD ISSN0419-0386		BIL. 10	OKT	2018	1
3		DEWAM KOSMIK	PERCETAKAN MESBAH SDN. BHD. ISSN0128-6579		BIL. 10	OKT	2018	2
4		KELUARGA	NU IDEAKTIV SDN BHD ISSN1675-0381		Bil.7	NOV-DIS	2018	2
5		READER'S DIGEST	READER'S DIGEST PUBLISHERS ISSN0034-0383			OKT	2018	2
6		READER'S DIGEST	READER'S DIGEST PUBLISHERS ISSN0034-0383			NOV	2018	2
7		SOLUSI	TELAGA BIRU SDN. BHD ISSN1985-5400		BIL. 118	SEPT	2018	2

8		SOLUSI	TELAGA BIRU SDN. BHD ISSN1985-5400		BIL. 119	OKT	2018	2
9		SOLUSI	TELAGA BIRU SDN. BHD ISSN1985-5400		BIL. 120	NOV	2018	2
10		WANITA	UTUSAN KARYA SDN. BHD. ISSN0126-544X		BIL. 590	OKT	2018	2
11		BULETIN KERAJAAN DIGITAL	MAMPU ISSN 2289-9081		EDISI 1		2018	1
12		BULETIN ISTANA NEGARA	ISTANA NEGARA ISSN 2600-8963		BIL.2	APR-JUN	2018	5
13		THE INGENIEUR	LEMBAGA KEJURUTERAAN MALAYSIA	VOL. 75		JUL-SEPT	2018	1
14		MALAYSIAN TIN BULLETIN	TIN INDUSTRY	VOL. 29	NO. 5-8	MAY-AUG	2018	4
15		SWCORONEWS	SWCORP ISSN2289-8980		BIL. 04		2018	1

TERBITAN IAEA YANG TERKINI (OKT 2018)

The IAEA is pleased to announce the publication of:

Accelerator Simulation and Theoretical Modelling of Radiation Effects in Structural Materials

IAEA Nuclear Energy Series No. NF-T-2.2

This publication summarizes the findings and conclusions of the IAEA coordinated research project (CRP) on accelerator simulation and theoretical modelling of radiation effects, aimed at supporting Member States in the development of advanced radiation resistant structural materials for implementation in innovative nuclear systems. This aim can be achieved through enhancement of both experimental neutron-emulation capabilities of ion accelerators and improvement of the predictive efficiency of theoretical models and computer codes. This dual approach is challenging but necessary, because outputs of accelerator simulation experiments need adequate theoretical interpretation, and theoretical models and codes need high dose experimental data for their verification. Both ion irradiation investigations and computer modelling have been the specific subjects of the CRP, and the results of these studies are presented in this publication which also includes state-of-the-art reviews of four major aspects of the project: challenges and trends of structural materials development for present and future reactor designs, accelerator methodologies for material testing, multiscale modelling tools, and advanced examination techniques.

STI/PUB/1732, 116 pp.; 0 figs.; 2018; ISBN: 978-92-0-107415-7, English, 39.00 Euro

Electronic version can be found:

https://www-pub.iaea.org/books/iaeabooks/10871/Accelerator-Simulation-and-Theoretical-Modelling-of-Radiation-Effects-in-Structural-Materials

International Conference on Physical Protection of Nuclear Material and Nuclear Facilities

Summary of an International Conference Held in Vienna, 13–17 November 2017

Proceedings Series

This publication presents the proceedings of an international conference in the field of nuclear security. The conference was convened to foster the exchange of practices and experiences related to the security of radioactive material under regulatory control in use, transport and storage, and the detection of nuclear and other radioactive material out of regulatory control. The conference provided a forum for Member States to share their experiences, difficulties, and lessons learned during the implementation of IAEA Nuclear Security Series No. 13, Nuclear Security Recommendations on Physical Protection of Nuclear Material and Nuclear Facilities (INFCIRC/225/Rev.5). The publication contains the President's summary of the conference, statements from the opening and closing sessions, and an outline of the conference

programme. The attached CD-ROM contains the full conference programme, the list of conference participants, and a selection of papers and presentations from the conference.

STI/PUB/1831, 36 pp.; 0 figs., 2018; ISBN: 978-92-0-106918-4, English, 40.00 Euro

Electronic version can be found:

https://www-pub.iaea.org/books/iaeabooks/13396/International-Conference-on-Physical-Protection-of-Nuclear-Material-and-Nuclear-Facilities

Country Nuclear Power Profiles

2018 Edition

The Country Nuclear Power Profiles (CNPP) publication compiles background information on the status and development of nuclear power programmes across participating International Atomic Energy Agency (IAEA) Member States. The publication summarizes organizational and industrial aspects of nuclear power programmes and provides information about the relevant legislative, regulatory and international framework in each participating State. The descriptive and statistical overview of the economic, energy and electricity situation in each State and its nuclear power framework is intended to serve as an integrated source of key background information about nuclear power programmes throughout the world. This 2018 edition contains updated country information for 37 out of 50 participating Member States.

IAEA-CNPP/2018/CD, 2018; ISBN: 978-92-0-157718-4, English, 95.00 Euro

Electronic version can be found:

https://www-pub.iaea.org/books/IAEABooks/13448/Country-Nuclear-Power-Profiles

The IAEA is pleased to announce the publication of:

Preparation, Conduct and Evaluation of Exercises for Security of Nuclear and Other Radioactive Material in Transport

Non-serial Publication

This publication provides practical advice for planners to prepare, conduct and evaluate nuclear material transport security exercises. Nuclear material transport security exercises are part of a comprehensive nuclear security regime. Exercises vary in scope and in scale, ranging from small drills, which focus on training, to large scale exercises, which aim at testing the overall command, control, coordination and

communications arrangements. The purpose of exercises is not to ‘demonstrate’ the quality of the arrangements, but rather, to identify weaknesses and areas where improvements can be made. Hence, exercises are an integral part of a sustainable and continuous improvement programme for nuclear transport security. Exercises can also be a tool to assess and validate existing transport security arrangements prior to gaining regulatory approval for actual transport operations or transport campaigns. The material provided in this publication is intended as an example of a logical process for the preparation, undertaking and evaluation of exercises, which needs to be adapted to suit national systems, local circumstances and the specific aim of each exercise. It constitutes a starting point for organizations that have not previously organized or managed exercise programmes, as well as a reference for organizations that wish to validate or improve their existing exercise programmes.

IAEA-TDL-007, 120 pp.; 2 figs.; 2018; ISBN: 978-92-0-107018-0, English, 18.00 Euro

Electronic version can be found:

https://www-pub.iaea.org/books/iaeabooks/12372/Preparation-Conduct-and-Evaluation-of-Exercises-for-Security-of-Nuclear-and-Other-Radioactive-Material-in-Transport

Preparation, Conduct and Evaluation of Exercises to Test Security Contingency Plans at Nuclear Facilities

Non-serial Publication

This publication provides a single source of advice on developing and maintaining an effective and comprehensive nuclear security exercise programme pertaining to all aspects of testing contingency plans at nuclear facilities. It focuses on the methods for preparing, conducting and evaluating partial and large-scale exercises. The methods may also be applicable for simpler exercises, although not all parts of the process in such cases may be needed.

IAEA-TDL-008, 90 pp.; 4 figs., 2018; ISBN: 978-92-0-107418-8, English, 18.00 Euro

Electronic version can be found:

https://www-pub.iaea.org/books/iaeabooks/12369/Preparation-Conduct-and-Evaluation-of-Exercises-to-Test-Security-Contingency-Plans-at-Nuclear-Facilities

Lessons Learned from the Deferred Dismantling of Nuclear Facilities

IAEA Nuclear Energy Series No. NW-T-2.11

The publication discusses the issues that must be dealt with when preparing the facility for safe enclosure, or safely maintaining it for a long time. It provides details of lessons learned from deferred decommissioning of nuclear facilities following planned shutdown. These lessons have been learned from a variety of facilities, with a variety of hazards, configurations and decommissioning programmes. While some of the considerations addressed may apply to facilities involved in an operating incident or accident, they are not specifically addressed by this publication as the individual nature of their hazards and decommissioning challenges precludes their use as exemplars. The publication addresses the preparation for, and the steady state part of the safe enclosure phase; it should be understood that in a later part of that phase the on- and off-site requirements and arrangements will change as plans and infrastructure are prepared for the next phase, which is the final dismantling, remediation and site release.

STI/PUB/1803, 116 pp.; 41 figs.; 2018; ISBN: 978-92-0-100418-5, English, 44.00 Euro

Electronic version can be found:

https://www-pub.iaea.org/books/iaeabooks/12194/Lessons-Learned-from-the-Deferred-Dismantling-of-Nuclear-Facilities