

**SENARAI PEROLEHAN BAHAN PERPUSTAKAAN NUKLEAR MALAYSIA
JULAI 2018**





KOLEKSI BUKU / MONOGRAF

BIL	KULIT	JUDUL / PENGARANG	PENERBIT	TAHUN	ISBN	JUMLAH NASKHAH
2		COMPUTER CONTROLLED SYSTEMS : THEORY AND DESIGN / KARL J. ASTROM, BJORN WITTENMARK	PRNTICE HALL INTERNATIONAL	1984	0131643029	1
3		CURRENT ISSUES OF PHYSICS IN MALAYSIA : NATIONAL PHYSICS CONFERENCE 2007	AMERICAN INSTITUTE OF PHYSICS	2008	9780735405387	1
4		TOTAL QUALITY MANAGEMENT : THE ROUTE TO IMPROVING PERFORMANCE / JOHN S.OAKLAND	NICHOLS PUBLISHING	1989	0893973866	1
5.		COMPUTER SYSTEM ARCHITECTURE / M. MORRIS MANO	PRNTICE HALL	1982	0131666118	1
6.		MICROELECTRONICS ; DIGITAL AND ANALOG CIRCUITS AND SYSTEMS	MCGRAW-HILL BOOK CO.	1979	007042327X	1

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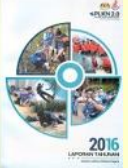
KOLEKSI BULETIN / MAJALAH / JURNAL (SERIAL)

BIL	KULIT	JUDUL / BAHAN	PENERBIT	KELUARAN ISU				BIL / NASKHAH
				VOL	NO. ISU	BULAN	TAHUN	
1		BULETIN GIS & GEOMATIK	JABATAN UKUR DAN PEMETAAN MALAYSIA		2		2017	4
2.		THE PETRI DISH	MALAYSIAN BIOTECHNOLOGY INFORMATION CENTRE MONASH UNIVERSITY MALAYSIA			JULAI	2018	2

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KOLEKSI LAPORAN / LAPORAN TAHUNAN

BIL	KULIT	JUDUL / BAHAN	PENERBIT	KELUARANISU				BIL / NASKHAH
				VOL	NO. ISU	BULAN	TAHUN	
1		LAPORAN TAHUNAN 2016 JABATAN LATIHAN KHIDMAT NEGARA	JABATAN LATIHAN KHIDMAT NEGARA				2016	1

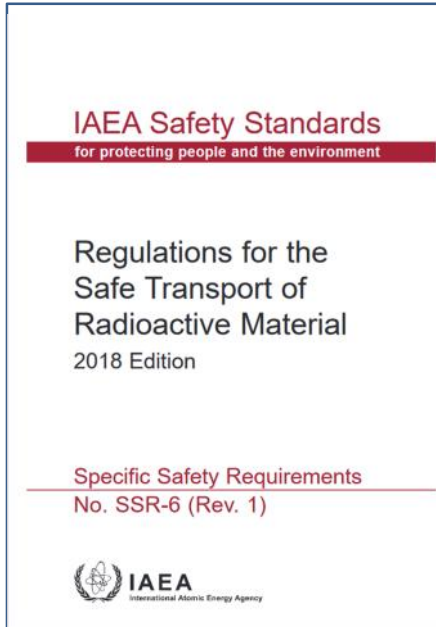
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KOLEKSI TESIS

BIL	KULIT	JUDUL	PENULIS	SISWAZAH	TAHUN	BIL / NASKHAH
1		NURTURING PARTICIPATION OF DEVELOPING COUNTRIES IN THE MULTILATERAL APPROACH TO THE NUCLEAR FUEL CYCLE A CASE STUDY : MALAYSIA	BASHILAH BAHARUDDIN	UNIVERSIT Y OF WARWICK	2018	1

1. Regulations for the Safe Transport of Radioactive Material
2018 Edition
Specific Safety Requirements
[IAEA Safety Standards Series](#) No. SSR-6 (Rev.1)



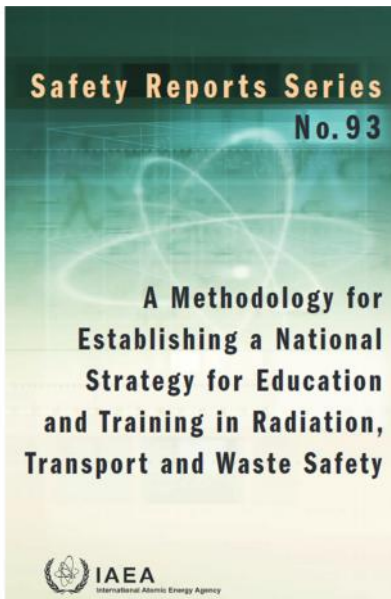
Subject Classification: 0606-Transport of radioactive material
STI/PUB/1798; (ISBN:978-92-0-107917-6); 165 pp.; 7 figures; € 49.00; Date Published: 2018

The transport of radioactive material is an essential activity worldwide. Both safety and security during transport are matters of national and international importance. This publication is the latest edition of the IAEA Safety Requirements for the safe transport of radioactive material. It is supported by six IAEA Safety Guides which provide explanation and guidance for the SSR-6 requirements to facilitate harmonized implementation. The SSR-6 Regulations apply to the transport of radioactive material by all modes on land, water, or in the air, including transport that is incidental to the use of the radioactive material. Transport comprises all operations and conditions associated with, and involved in, the movement of radioactive material; these include the design, manufacture, maintenance and repair of packaging, and the preparation, consigning, loading, carriage including in-transit storage, unloading and receipt at the final destination of loads of radioactive material and packages. These requirements form an integral part of regulations worldwide, therefore SSR-6 and its associated guidance documents are a requisite source of guidance information for governments, regulators, and all individuals involved in the aforementioned activities of transport of radioactive material.

These requirements are adopted into the UN Model Regulations which are subsequently adopted by the IMDG Code by the International Maritime Organisation for shipment by sea and by the International Civil Aviation Organization Technical Instructions for shipment by air. Both the IMDG Code and the ICAO Technical Instructions are globally implemented and mandatory. Land transport is the responsibility of the national government of each Member State, and the SSR-6 requirements are adopted for national transport safety regulations for shipments on land.

https://www-pub.iaea.org/MTCD/Publications/PDF/PUB1798_web.pdf

2. A Methodology for Establishing a National Strategy for Education and Training in Radiation, Transport and Waste Safety



[Safety Reports Series](#) No. 93

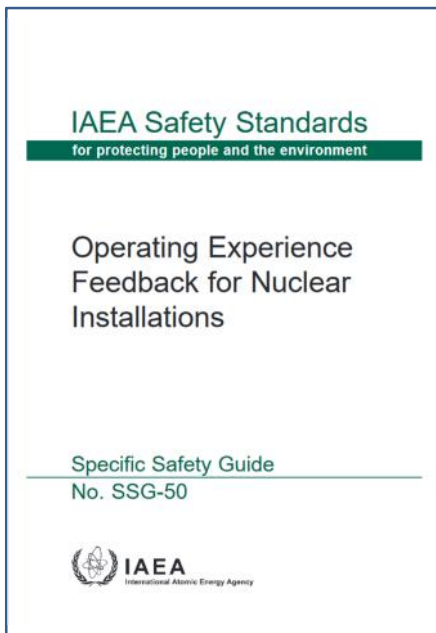
Subject Classification: 0600-Nuclear and Radiological Safety

STI/PUB/1778; (ISBN:978-92-0-102217-2); 66 pp.; 2 figures; € 41.00; Date Published: 2018

This publication provides Member States with a detailed methodology to establish a national strategy for education and training in radiation, transport and waste safety, in order to build competence in a sustainable and timely manner. Guidance is provided on assessing education and training needs, giving consideration to the national legal and regulatory framework for education and training, and the current and future facilities and activities; designing the national education and training programme based on the needs; and optimizing national resources to complement external assistance. A practical example of the application of the methodology is generated for a hypothetical country, outlining the chronological sequence of the actions to be taken, their timeframe, including the role and contribution from the different national stakeholders. This methodology has been tested in the field during 20 regional workshops attended by about 300 participants from more than 80 Member States.

https://www-pub.iaea.org/MTCD/Publications/PDF/P1778_web.pdf

3. Operating Experience Feedback for Nuclear Installations Specific Safety Guide



[IAEA Safety Standards Series](#) No. SSG-50

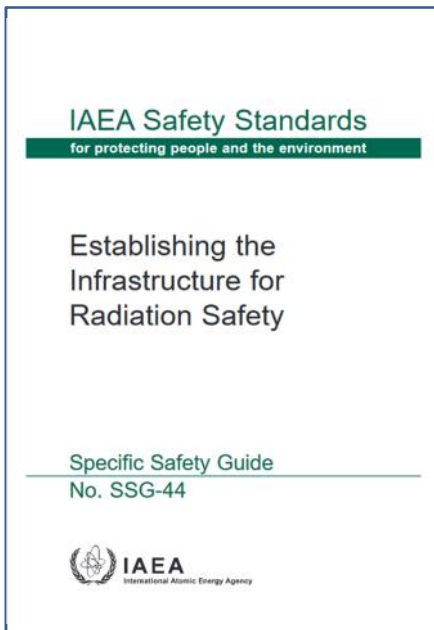
Subject Classification: 0603-Nuclear power plants

STI/PUB/1805; (ISBN:978-92-0-100918-0); 45 pp.; 2 figures; € 30.00; Date Published: 2018

A robust operating experience programme prevents or minimizes the risk of future events by learning from events that have already occurred. This Safety Guide provides recommendations for establishing, implementing, assessing and continuously improving an operating experience programme for nuclear installations. The publication is primarily aimed at operating organizations and regulatory bodies responsible for nuclear installation and describes their roles and responsibilities in the overall operating experience programme. However, this publication is also of relevance to other organizations involved in the design, construction, commissioning, operation and decommissioning of nuclear installations, including technical support organizations, vendor companies, research establishments and universities.

https://www-pub.iaea.org/MTCD/Publications/PDF/PUB1805_web.pdf

4. Establishing the Infrastructure for Radiation Safety Specific Safety Guide



[IAEA Safety Standards Series](#) No. SSG-44

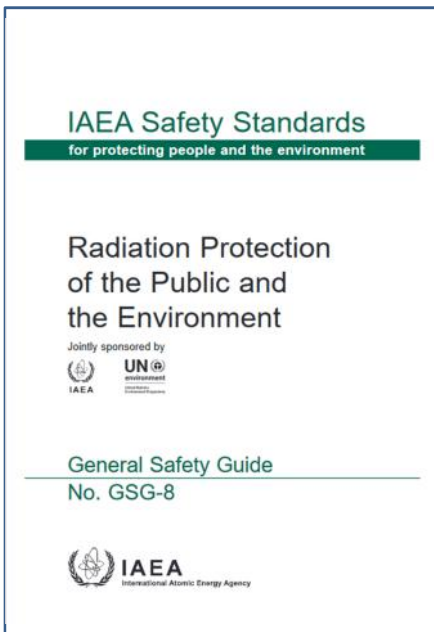
Subject Classification: 0600-Nuclear and Radiological Safety

STI/PUB/1773; (ISBN:978-92-0-101517-4); 85 pp.; 2 figures; € 42.00; Date Published: 2018

The objective of this Safety Guide is to provide guidance on the establishment of the national radiation safety infrastructure that meets the IAEA safety standards. It provides recommendations, in the form of actions, on meeting the relevant Safety Requirements in an effective and integrated manner while taking specific national circumstances into full consideration. This Safety Guide does not diminish the application of, or provide a synopsis of or a substitute for, the IAEA Safety Fundamentals and Safety Requirements publications or other associated Safety Guides. Rather it sets out a holistic approach to the establishment of the national radiation safety infrastructure and provides advice for the application of IAEA safety standards for both, States having essentially no elements of the radiation safety infrastructure in place, and those that already have some.

https://www-pub.iaea.org/MTCD/Publications/PDF/PUB1773_web.pdf

5. Radiation Protection of the Public and the Environment General Safety Guide



[IAEA Safety Standards Series](#) No. GSG-8

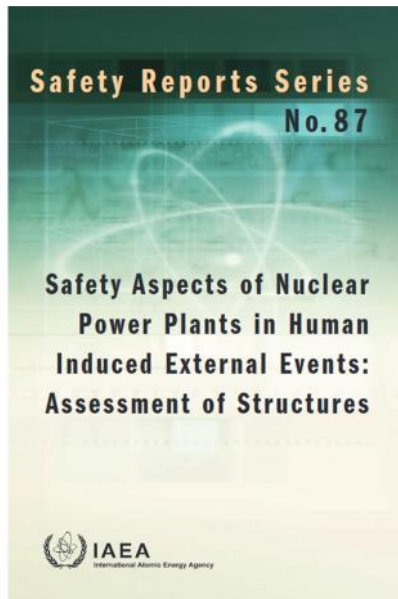
Subject Classification: 0609-Radiation protection

STI/PUB/1781; (ISBN:978-92-0-102517-3); 51 pp.; € 40.00; Date Published: 2018

This Safety Guide provides guidance on the implementation of the requirements in the International Basic Safety Standards, IAEA Safety Standards Series No. GSR Part 3, in relation to protection of the public and the environment against radiation risks. It provides generic guidance on the application of the radiation protection principles of justification, of optimization of protection and safety, and of dose limits. The publication covers the protection of the public and the environment in all exposure situations — planned, emergency and existing.

https://www-pub.iaea.org/MTCD/Publications/PDF/PUB1781_web.pdf

6. Safety Aspects of Nuclear Power Plants in Human Induced External Events: Assessment of Structures



[Safety Reports Series](#) No. 87

Subject Classification: 0603-Nuclear power plants

STI/PUB/1769; (ISBN:978-92-0-101117-6); 204 pp.; 71 figures; € 65.00; Date Published: 2018

This publication provides detailed guidelines for the safety assessment of nuclear power structures against mechanical impact, explosion and fire caused by human induced external events. It covers the characterization of loading, the assessment of structural integrity using both simplified methods and more elaborated methodologies, and the assessment of induced vibration. The acceptance criteria provided in the publication are for different failure modes: overall stability, overall bending and shear, local failure modes and induced vibrations. The process of analysing fire consequences is also included.

https://www-pub.iaea.org/MTCD/Publications/PDF/PUB1769_web.pdf

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