

REGULATIVA, PREPORUKE I MOGUĆNOSTI SARADNJE U OBLASTI RADIJACIONE I NUKLEARNE BEZBEDNOSTI

Mirjana RADENKOVIĆ¹, Stefan RAFAJLOVIĆ², Dušan TOPALOVIĆ¹ i Jasmina JOKSIĆ³

1) Univerzitet u Beogradu, Institut za nuklearne nauke Vinča, Institut od nacionalnog značaja za Republiku Srbiju, Beograd, Srbija, 2) Univerzitet u Beogradu, Elektrotehnički fakultet, Beograd, Srbija, 3) Direktorat za radijacionu i nuklearnu sigurnost i bezbednost Srbije; Beograd, Srbija

Sadržaj

- U radu je dat prikaz medjunarodnih preporuka i obavezujućih dokumenta u oblasti radijacione i nuklearne bezbednosti. Navedene su odabrane publikacije MAAE sa standardima i preporukama na kojima se zasniva i evropska regulativa u ovoj oblasti, kao vodič pri razvoju ili reviziji nacionalne regulative.
- Poseban akcenat je stavljen na mogućnosti saradnje pri izgradnji i unapredjivanju nacionalnog režima nuklearne bezbednosti ili pojedinih njegovih komponenti kroz savetodavne misije MAAE (IPPAS), koje nakon odgovarajućih procena i preporuka, na zahtev mogu predložiti i dugoročni program tehničke pomoći, kao i INSSP koji omogućava omogućava jačanje i održivost sistema nuklearne bezbednosti kroz dugoročnu planiranu saradnju.

Zaključak

- Razvoj i dosledna implementacija domaće regulative, izvršavanje obaveza iz medjunarodnih konvencija kao i primena međunarodnih preporuka objedinjenih u publikacijama MAAE, sa odgovarajućim mehanizmima savetodavne i tehničke pomoći, omogućavaju stalno unapredjivanje našeg nacionalnog režima radijacione i nuklearne bezbednosti i njegovih komponenti.

Odabrane publikacije MAAE	
	The Convention on the Physical Protection of Nuclear Material (CPPNM)
	INF/CIRC/274
	Amendment to The Convention on the Physical Protection of Nuclear Material (A/CPPNM)
	INF/CIRC/274/Rev.1/Mod.1
	The Physical Protection Objectives and Fundamental Principles
	IAEA-GOV/2001/41
	Code of Conduct on the Safety and Security of Radioactive Sources
	IAEA, 2004
	Objective and Essential Elements of a State's Nuclear Security Regime
	IAEA NSS No. 20,
	Nuclear Security Recommendations on Physical Protection of Nuclear Material and Nuclear Facilities
	IAEA NSS No. 13 (INF/CIRC/225/Rev. 5)
	Nuclear Security Recommendations on Radioactive Material and Associated Facilities
	IAEA NSS No. 14
Ostala značajna dokumenta	Nuclear Security Recommendations on Nuclear and Other Radioactive Material out of Regulatory Control
	IAEA NSS No. 15
	Engineering Safety Aspects of the Protection of Nuclear Power Plants against Sabotage
	IAEA NSS No. 4
	Nuclear Security Culture
	IAEA NSS No. 7
	Preventive and Protective Measures against Insider Threats
	IAEA NSS No. 8-G (Rev. 1)
	National Nuclear Security Threat Assessment, Design Basis Threats and Representative Threat Statements
	IAEA NSS No. 10-G (Rev.1)
	Security of Radioactive Material in Transport
	IAEA NSS No. 9-G (Rev.1)
	Security of Radioactive Material in Use and Storage and of Associated Facilities
	IAEA NSS No. 11-G (Rev.1)
	Security of Nuclear Material in Transport
	IAEA NSS No. 26-G
Ostala značajna dokumenta	Physical Protection of Nuclear Material and Nuclear Facilities (Implementation of INF/CIRC/225/Rev.5)
	IAEA NSS No. 27-G
	Identification of Vital Areas at Nuclear Facilities
	IAEA NSS No. 16
	Computer Security at Nuclear Facilities
	IAEA NSS No. 17
	Handbook on the Design of Physical Protection Systems for Nuclear Material and Nuclear Facilities
	IAEA NSS No. 40-T
	Categorization of Radioactive Sources
	IAEA Safety Standards Series No. RS-G-1.9
Ostala značajna dokumenta	Guidance on the Import and Export of Radioactive Sources
	IAEA, 2012
Ostala značajna dokumenta	Handbook on Nuclear Law
	Vol. I (2003), Vol. II (2010)



XXXI Simpozijum DZZSCG
Beograd, 06-08.10.2021

Regulativa, edukacija i javno informisanje