

# ENHANCING DOMESTIC MEASURES IN THE FIELD OF NUCLEAR LAW

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# WHY THE FOCUS ON “NUCLEAR” LAW?

- Nuclear energy use poses special risks to the health, safety and security of people, property and the environment.
- Nuclear energy use brings significant benefits such as electricity production, medical diagnosis, industrial and agricultural uses.

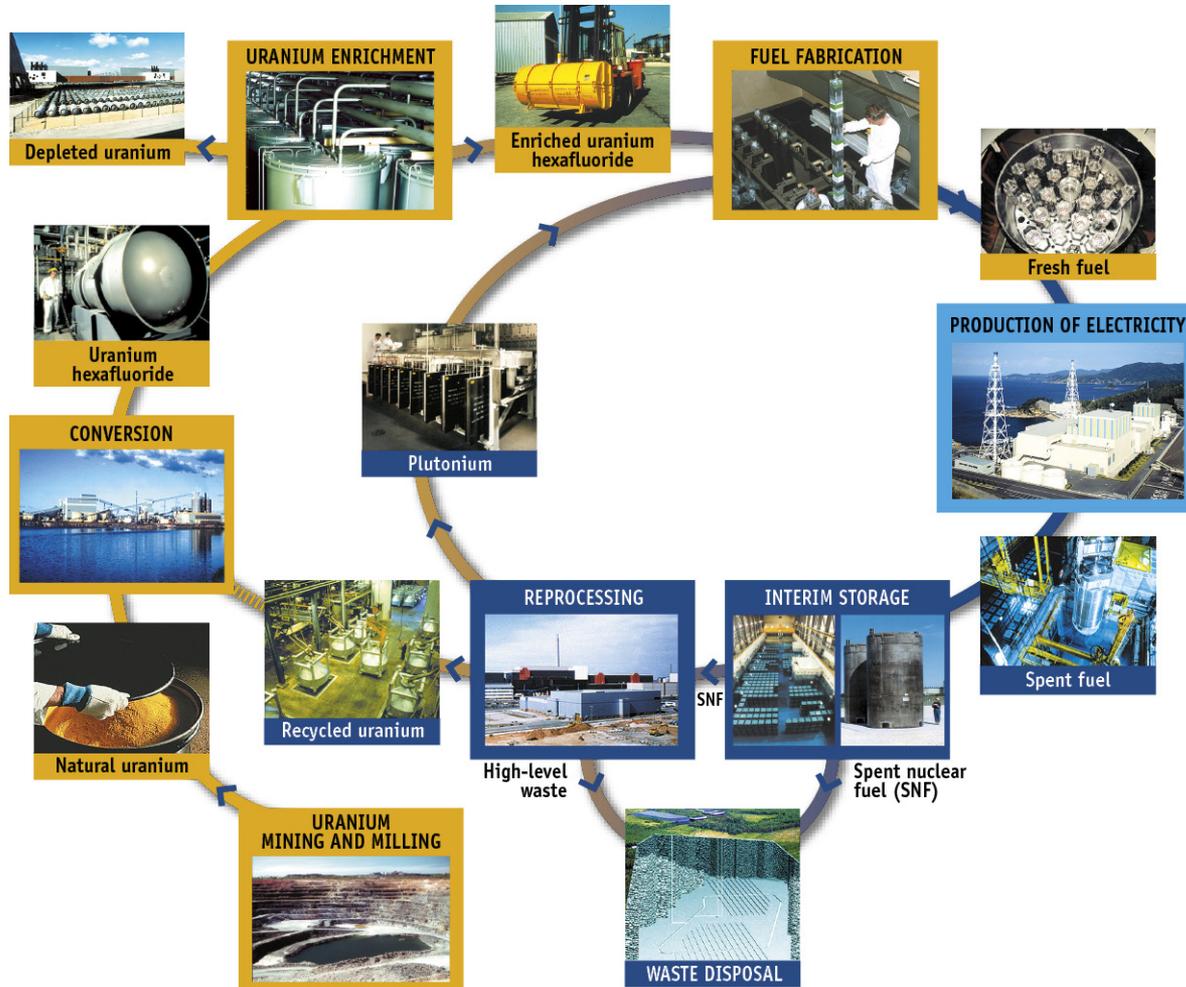
**Nuclear law focuses on balancing the risk and benefits so that adequate protection is provided to society when using nuclear energy.**

## NUCLEAR LAW: WHAT IS IT AND WHAT IS ITS OBJECTIVE ?

- Nuclear law is a complete set of special legal rules created to **regulate the conduct of people, companies or governments** who engage in activities related to fissionable materials, ionizing radiation and exposure to natural sources of radiation.
- Its objective is to provide a legal framework for conducting activities related to nuclear energy and ionizing radiation in a manner that **adequately protects individuals, property and the environment.**

**Nuclear law enables the safe and secure development of nuclear energy for the benefit of humankind.**

## NUCLEAR LAW COVERS THE NUCLEAR FUEL CYCLE



Front End of the Fuel Cycle

Back End of the Fuel Cycle

## PRINCIPLES OF NUCLEAR LAW

1. Safety (Prevention, Protection and Precaution)
2. Security
3. Responsibility
4. Permission
5. Continuous Control
6. Compensation
7. Sustainable Development
8. Compliance
9. Independence
10. Transparency
11. International Co-operation

## SCOPE OF NUCLEAR LAW (1/2)

### IAEA: 3S Concept +

**S**AFETY

**S**ECURITY

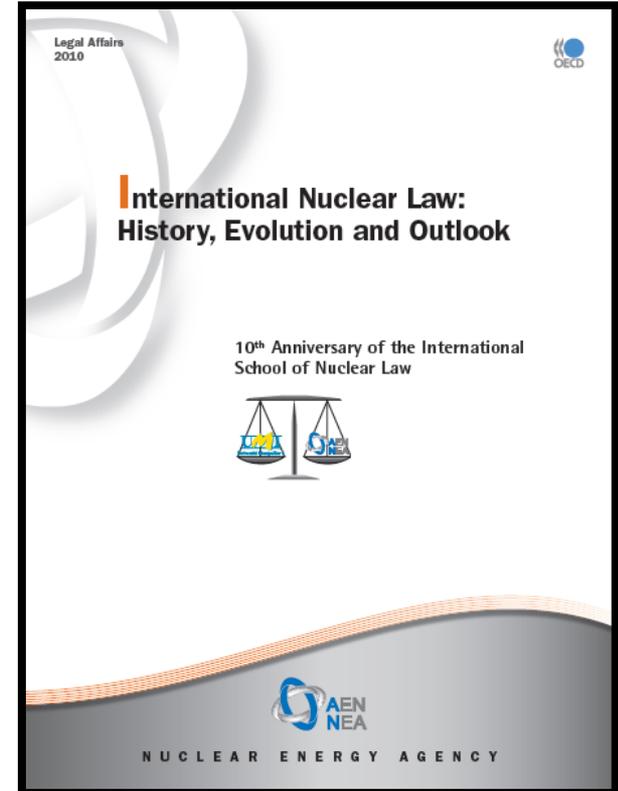
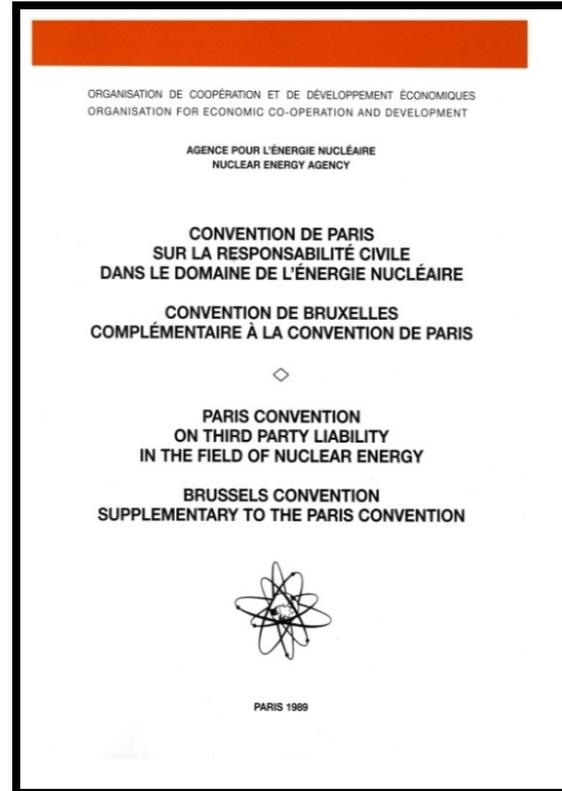
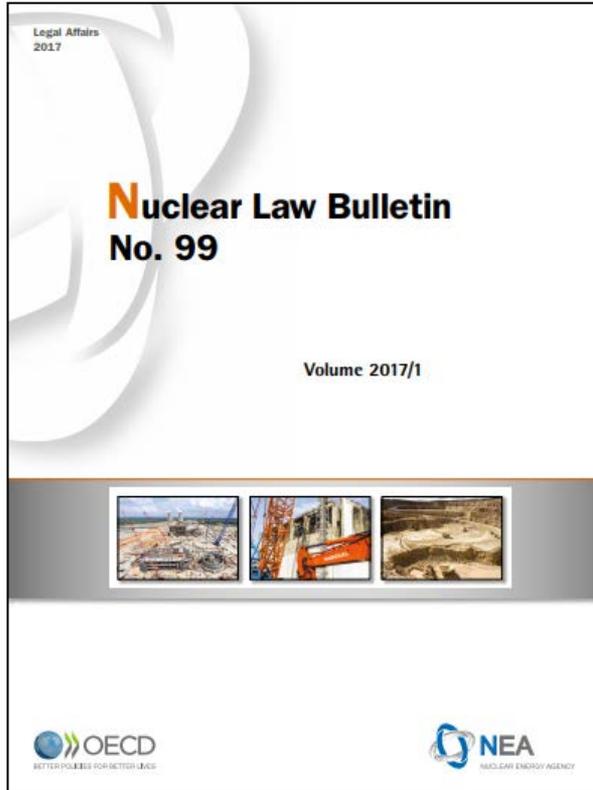
**S**AFEGUARDS

**L**IABILITY

## Scope of Nuclear Law (2/2)

1. Radiological Protection / Emergency Management
2. Nuclear Safety
3. Radioactive Waste Management / Decommissioning
4. International Transport
5. Nuclear Third Party Liability, Compensation and Insurance
6. Non-Proliferation and Safeguards
7. Nuclear Security
8. International Trade (*Dual use item regulations*)
9. Environmental Protection (*Public Participation*)

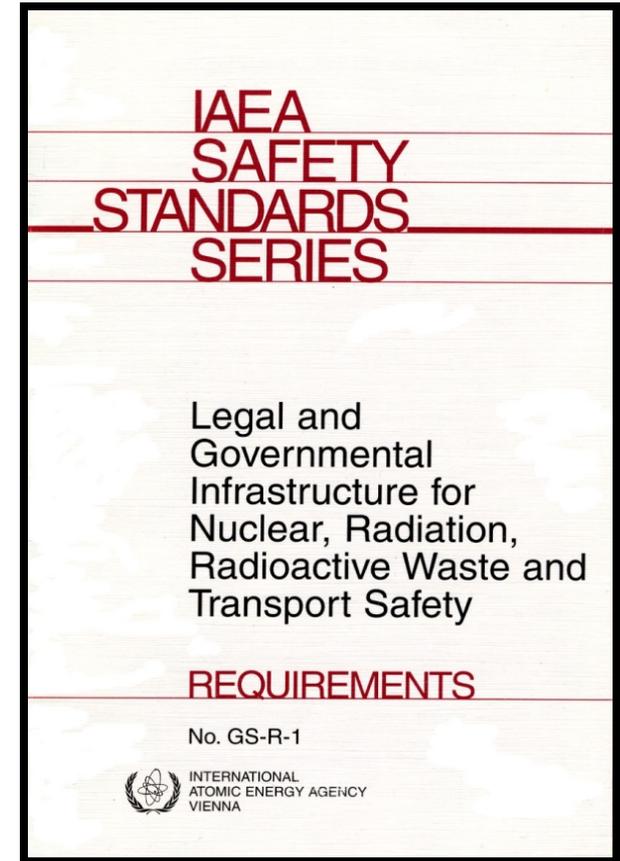
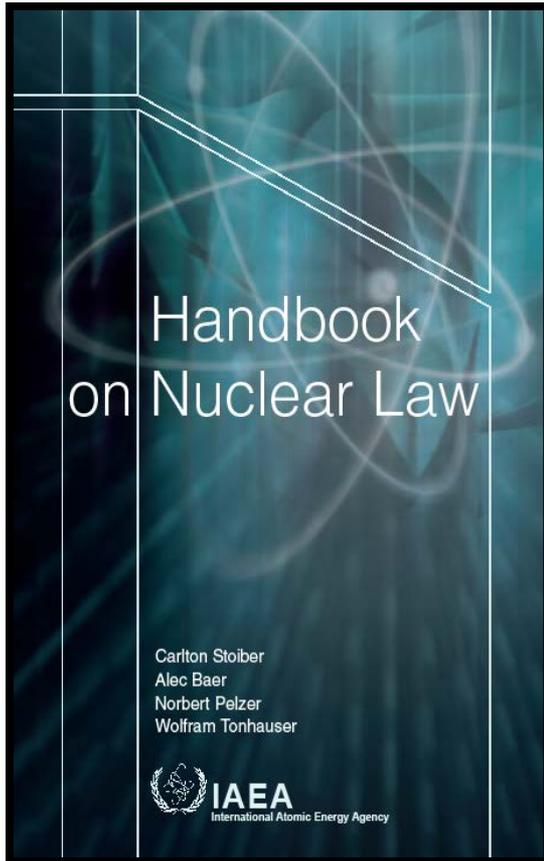
## Resources For Nuclear Law: NEA



Nuclear Energy Agency website: [www.oecd-nea.org/law/](http://www.oecd-nea.org/law/)

Access to NEA documents, including the *Nuclear Law Bulletin* and *Nuclear legislation in OECD countries*, and nuclear law educational programmes (*International School of Nuclear Law* and *International Nuclear Law Essentials*)

## Resources For Nuclear Law: IAEA



International Atomic Energy Agency website: [www.iaea.org/](http://www.iaea.org/)  
Access to conventions, agreements, standards, recommendations, *Handbooks*, etc.

# Thank you!



# NEA

NUCLEAR ENERGY AGENCY