

Autoridad Regulatoria Nuclear PRESIDENCIA DE LA NACIÓN Regulatory Approach in the implementation of the CPPNM and its Amendment:

The ARN experience

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The Nuclear Regulatory Authority approach on Physical Protection

Nuclear Regulatory Authority (ARN) Overview



Nuclear Regulatory Authority (ARN) cont. Functions

- Regulatory standards.
- Licenses, permissions or authorizations.
- Inspections and audits.
- Sanctions.

Control

Regulation

Physical Protection

Enforcement

- The ARN has the authority to require a complete system of physical protection for nuclear material and facilities.
 - It is the Competent Authority and National Point of Contact of the A/CPPNM.

Facilities under regulatory control (2022)



Regulatory Standards

64 regulatory standards
10 regulatory guides

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| | | REVISIÓN 1 | | GUÍA AR 14 |
| | Niveles genéricos de exención | Aprobada por Resolución AR11 11º 5/18 | Desarrollo de un an de Monitoreo | REVISIÓN O |
| - | (Boletin Oficial 16/1/18) | | (Boletin Official 1/3/17) | Aprobada por Resolución Altri trº 55/17 |
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<u>Standard of Physical Protection of Nuclear Materials and</u> <u>Installations – AR 10.13.1, Rev. 1</u>

- **Performance Character**: non-prescriptive.
- **Aim**: to establish general criteria for the physical protection of nuclear materials and facilities.
- **Scope**: applicable to protected materials, within the relevant facilities, in storage and during transport.
- Sections: objective and scope, explanation of terms, criteria, levels of physical protection and responsibilities, annexed table of classification of protected material.
- **PPS**: set of people and available means with the capacity to prevent, delay or avoid intentional acts. It also establishes desirable characteristics.
- Emphasis: prevention and deterrence through

https://www.argentina.gob.ar/arn/instalacioftes-upracticassy-personaluregulado/marcoregulatorio/normas

License responsibility

 The responsibility for physical protection rests with the holder of the license/permit/authorization granted by the ARN.

The Responsible Entity must:

- Ensure physical protection of materials and facilities.
- Designate a person responsible for the PP for each facility or transport.
- Ensure confidentiality of information.
- ✓ Submit technical documentation.
- Conduct internal audits to verify the correct implementation of the PPS.
- Establish and maintain a communication system with the response force.



Inspections

















Sanctions

- Sanctions Regime for Nuclear Power Plants, approved by Resolution of the Board of ARN No. 63 (05/05/99)
- Sanctions Regime for Relevant Facilities, approved by Resolution of the Board of ARN No. 24 (11/11/99)



https://www.argentina.gob.ar/arn/instalaciones-practicas-y-personal-regulado/marcoregulatorio/regimen-de-sanciones

The Adoption of the CPPNM and its Amendment in Argentina

Adoption of the CPPNM and its Amendment in Argentina National framework



Active participation

- Designation and updating of PoCs and competent authority
- Provision of information in accordance with Article 14.1
- Negotiation of the Amendment text





- Participation in different international initiatives
- Country position before the IAEA governing bodies
- Specific clause in government-to-government
 - agreements

Final considerations

- **Responsibility** of the holder of the license for physical protection
- Spaces to raise awareness of the importance of the CPPNM and its Amendment.
- Importance of **partnership** with other organizations.
- Key role of the IAEA in coordinating efforts.



Thank you! Autoridad Regulatoria Nuclear

