



Autoridad Regulatoria Nuclear  
PRESIDENCIA DE LA NACIÓN

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ANIVERSARIO Autoridad Regulatoria Nuclear  
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# Nuclear Regulatory Authority Activities in Nuclear Security

International Conference on Nuclear Security: Sustaining and  
Strengthening Efforts - IAEA  
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# *Nuclear Regulatory Authority (ARN)*

## *Notes*

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- Independent body reporting directly to the Presidency of Argentina (National Nuclear Activity Act: Law 24.804),
- Autarchic entity with federal competence,
- National governmental organization in charge of the regulation of nuclear activities in Argentina,
- Competence on radiation and nuclear safety, safeguards and physical protection,
- Objective: to develop and apply a regulatory regime for all nuclear activities in the country.



## *Nuclear Regulatory Authority (cont'd)*

### *Functions*

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- To issue mandatory regulatory standards,
- To grant licenses and permits to facilities and operators,
- To control the compliance of requirements stated in standards and license condition and enforcing the compliance by gradual means,
- To apply of sanctions corresponding to their violation.

#### **Physical Protection:**

- ARN has the authority to require a complete system of physical protection for nuclear materials and facilities.



## *Argentine Regulatory Framework*

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### **Standard of Physical Protection of Nuclear Materials and Installations**

- **Performance basis:** non-prescriptive in nature.
- **Objective:** to establish the general criteria for the physical protection of nuclear materials and installations.
- **Scope:** applicable to protected materials, within relevant installations, in storage and during transport.
- **Sections:** objective and scope, definitions of terms, criteria, levels of physical protection and responsibilities.
- **PPS:** set of people and means available with the capacity to prevent, delay or avoid malevolent acts. It also establishes desirable characteristics.
- **Focus:** prevention and deterrence through the use of passive measures.





## *Capacity Building*

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### **2016**

- Regional Training Course (RTC) on Security of Radioactive Material in Transport

### **2017**

- Security of Nuclear and Radiological Material during Transport

### **2018**

- Regional Workshop on Mitigation of Threats Insider: An exchange of good practices
- Engagement and Transport Assessment Collaboration Workshop
- National Regulatory Infrastructure for the Safety of Radiation Sources and Security of Radioactive Material
- School of Nuclear and Radiological Leadership for Safety



## *Capacity Building (cont'd)*

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### **2019**

- Regional Training Course to Raise Information and Computer Security Awareness for Nuclear Security Regime
- National Training Course on Physical Protection of Nuclear Material and Facilities
- Regional Workshop on Nuclear Security Culture in Practice

### **Abroad:**

- International School on Nuclear Security
- International Training Course on the Use of Nuclear Material Accounting and Control for Nuclear Security Purposes at Facilities
- International Training Course on Physical Protection of Nuclear Material and Facilities





## *International Cooperation*

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- Nuclear Security Summit Process
- GICNT
- Technical Meetings of the Representatives of State Parties to the CPPNM and the CPPNM Amendment
- Meetings of Legal and Technical Experts in Preparation for the 2021 Conference of the Parties to the Amendment to the CPPNM
- Open-ended meeting of Legal and Technical Experts on IAEA Nuclear Security Series no13 and INFCIRC/225



## *International Cooperation (cont'd)*

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### **Conferences:**

- International Conference on Nuclear Security: Commitments and Actions, 2016 Vienna, Austria
- International Conference on Physical Protection of Nuclear Material and Nuclear Facilities, 2017 Vienna, Austria
- Third International Regulator's Conference on Nuclear Security, 2019 Marrakech, Morocco
- International Conference on Nuclear Security: Sustaining and Strengthening Efforts, 2020 Vienna, Austria



## *Conclusions*

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- ✓ Entry into force of the CPPNM Amendment:
  - Universalization
  - Raising Awareness
- ✓ ARN related education and training activities
- ✓ Argentina´s commitment to international nuclear security issues
- ✓ IAEA key role





**Thank you!**  
Nuclear Regulatory Authority

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