Implementation of Amendment to the Convention on the Physical Protection of Nuclear Material and Nuclear Facilities in Ukraine: Lessons Learned

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<table>
<thead>
<tr>
<th>CONDITIONALLY. STAGES OF THE CONCLUSION OF AN INTERNATIONAL DOCUMENT</th>
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<td><strong>SIGNING</strong> - the stage of conclusion of an international agreement, or <strong>the form of the consent of the country to be binding on it</strong> for an international treaty in cases stipulated by an international agreement or other agreement of the parties</td>
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<td><strong>RATIFICATION</strong> (Latin “ratus”- “approval”+“facere” – “to do”) - <strong>final approval</strong> of the international agreement by the supreme body <strong>of the State</strong> or its head</td>
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<td><strong>IMPLEMENTATION</strong> (Latin “impleo”- “fill”, &quot;execute&quot;) – a set of purposeful organizational, legal and <strong>institutional measures carried out by the States</strong> individually, collectively or within the framework of international organizations and <strong>aimed at the execution of their international legal obligations</strong></td>
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## Steps forward

<table>
<thead>
<tr>
<th>Year</th>
<th>Document</th>
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<tr>
<td>1993</td>
<td>Convention on Physical Protection of Nuclear Material</td>
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<tr>
<td>2000</td>
<td>Law on Physical Protection of Nuclear Facility, Nuclear Material, Radioactive Waste, Other Sources of Ionising Radiation</td>
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<tr>
<td>2005</td>
<td>Signing of Amendment to Convention on CPPNM</td>
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<td>2008</td>
<td>Ratification of Amendment to Convention on CPPNM</td>
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<td>2009</td>
<td>Implementation of Amendment to Convention on CPPNM Into Laws of Ukraine on Physical Protection and Use of Nuclear Energy</td>
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Main changes

- Stronger role of Competent Authority / Regulatory Body
- Identifying of Responsibility for Conducting of PP regime
- Sabotage
  - State System of Physical Protection
- Design Basis Threat
  - Nuclear Security Culture
- Quality System
  - Contingence Plan
Lessons learned

Expectations never met with reality. Changes take place gradually.
Lessons learned (cont.)

Importance of support and interest of the senior leaders of the State
NEW TERM: Protectability of nuclear facilities, nuclear material, radioactive waste or other sources of ionising radiation means correspondence of the level of physical protection of nuclear facilities, nuclear material, radioactive waste and other sources of ionising radiation with applicable laws.
Lessons learned (cont.)

If you need assistance ask for it. Shared experience is very valuable.

IAEA provides assistance to the States on their requests.

For example Ukraine hosts 5 IPPAS missions, which were very beneficial in all stages of creation State physical protection regime.

Open new horizons of knowledge
Main principle

The legislative process cannot stop. Legislation must constantly reviewed and improved.
Butterfly effect

Recalling also that the statement underlined the need for all members to undertake peacefully in accordance with the charter any problems.

Resolution 1540 (2004)
Summary:

The implementation of the Amendment to CPPNM surely gave Ukraine a number of advantages.

- the enhancement of the national security
- the strengthening of the national physical protection regime
Thank you for your attention!