



Systematic Approach on Training and Professional Development Specialists of Physical Protection, Accounting and Control of Nuclear Materials in Ukraine

Nataliia Klos

**Ministry of Energy and Coal Industry
of Ukraine**

Government policy on physical protection:

Recognition of individuals with regard to regulation and implementation of **physical protection profession** in the field of nuclear energy and radiation safety.

The creating of **State system** of training, retraining and professional development of specialists in physical protection, accounting and control of nuclear materials .



The number of MPC&A specialists on Ministry of Energy and Coal Industry example

Specialists	Fuel and Energy Sector					Total
	Ministry Headquarters	Nuclear Industry Sector	Power Generation Sector	Oil and Gas Industry	Coal Industry	
Physical Protection	7	663	-	7	15	692
NM Accounting and Control	5	37	3	-	38	83
Guard personnel	-	453	-	-	-	453
Total	12	1153	3	7	53	1228



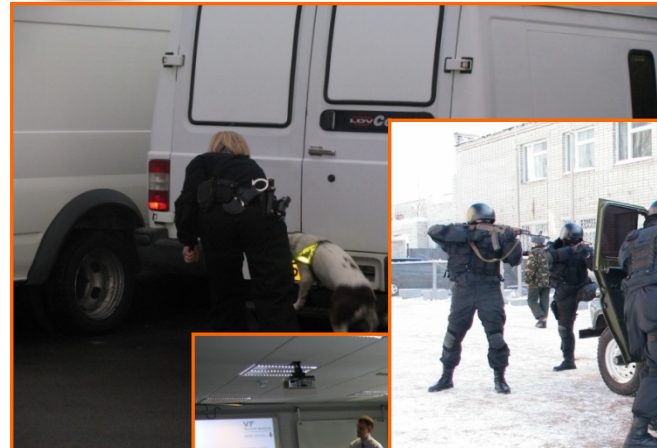
Handbook of
human
qualification
to professions
of employees



Requirements
to the
physical
protection
departments
and personnel



Requirements
to personnel





Cabinet Decree on 21 March 2012 no.263 **“State System of Professional Training, Retraining and Professional Development for Specialists in Nuclear Materials Physical Protection, Accounting and Control”**

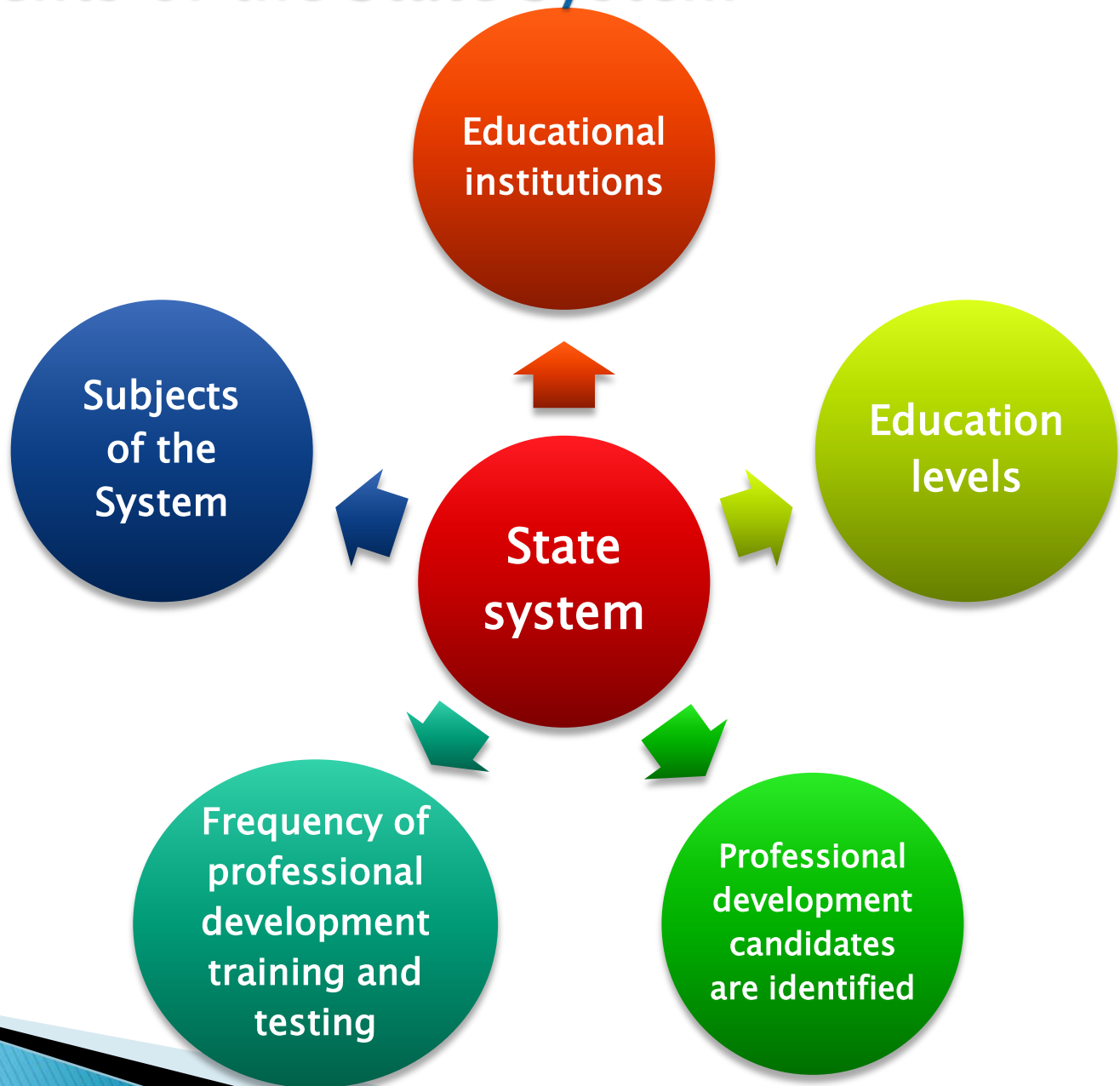
Cabinet Decree 21 March 2012 no. 227 “On Amendments to the List of Professions that are trained in universities for education and skill levels of specialist and master degrees” created a **new specialty**

“physical protection, accounting and control of nuclear materials


7.05060303”




Components of the State System



Subjects of the System

- 
- State Nuclear Regulatory Inspectorate of Ukraine
 - Ministry of Education and Science of Ukraine

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- Ministry of Energy and Coal Industry of Ukraine
 - State Agency of Ukraine of the exclusion zone

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- The National Academy of Sciences of Ukraine
 - State Service of Ukraine of Emergency Situations

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- Security Service of Ukraine
 - State Service of Ukraine of Emergency Situations

- 
- Higher education institutions, training centers for professional development

Educational institutions

Identified by Ministry of Science and Regulatory body
based on established criteria



Key institution of higher
education for training and
retraining of specialists



Key institution for
professional development
of specialists

Other educational institutions and professional
development centers



Education levels

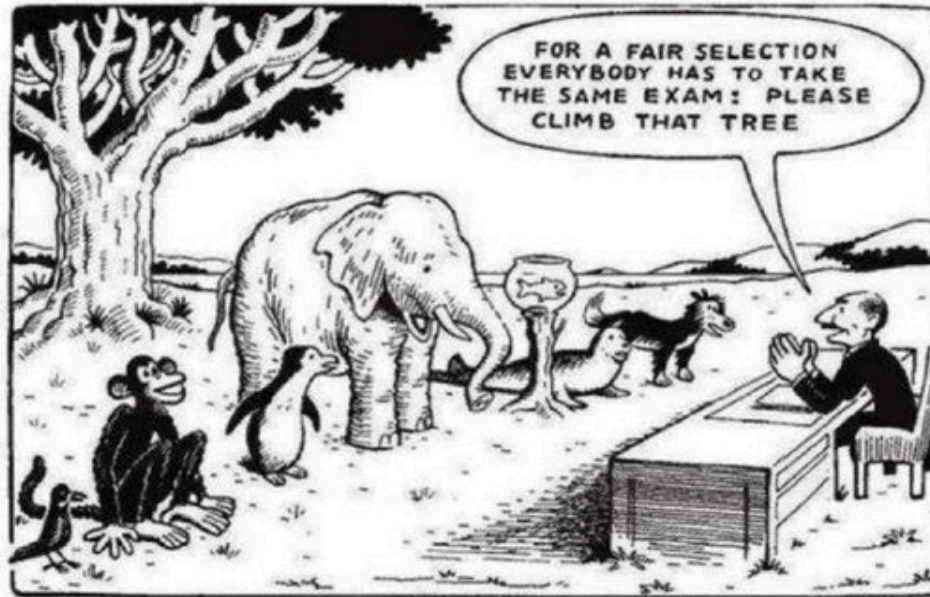
Higher
education

Training and
retraining

Professional
development

Initial training
and periodic
staff training on
the facilities





Our Education System

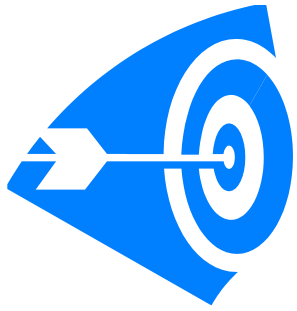
Professional
development
candidates are
identified

Frequency of
professional
development training
and testing

Issues and plans that need to be resolved

1. Implementation new specialty “Physical protection, accounting and control of nuclear materials”, the formation of students interested in the new specialty.
2. Financial support for training, retraining and professional development of specialists in accounting and control of nuclear materials. Fostering interest of licensees for the training of their specialists.





Conclusion:

1. Ukraine has created the **State system** for professional training, retraining and professional development of specialists in physical protection, accounting and control of nuclear materials .
2. Ukraine has founded **profession** physical protection, accounting and control of nuclear materials.



FINISH STUDYING???

GOOD



Thank you for your attention!



Questions?