

**FEDERAL ENVIRONMENTAL, INDUSTRIAL AND NUCLEAR
SUPERVISION SERVICE OF RUSSIA
(ROSTECHNADZOR)**



**State Supervision of Nuclear Materials and
Radioactive Sources Accounting, Control and
Physical Protection**

International Regulatory Conference on Nuclear Security

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Assistant to the Chairman
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State Supervision of Nuclear Materials and Radioactive Sources Accounting, Control and Physical Protection

- **Responsibility of Rostekhnadzor in Nuclear Security**
- **Practical Issues of Inspections**
- **Avenues of Enhancement**

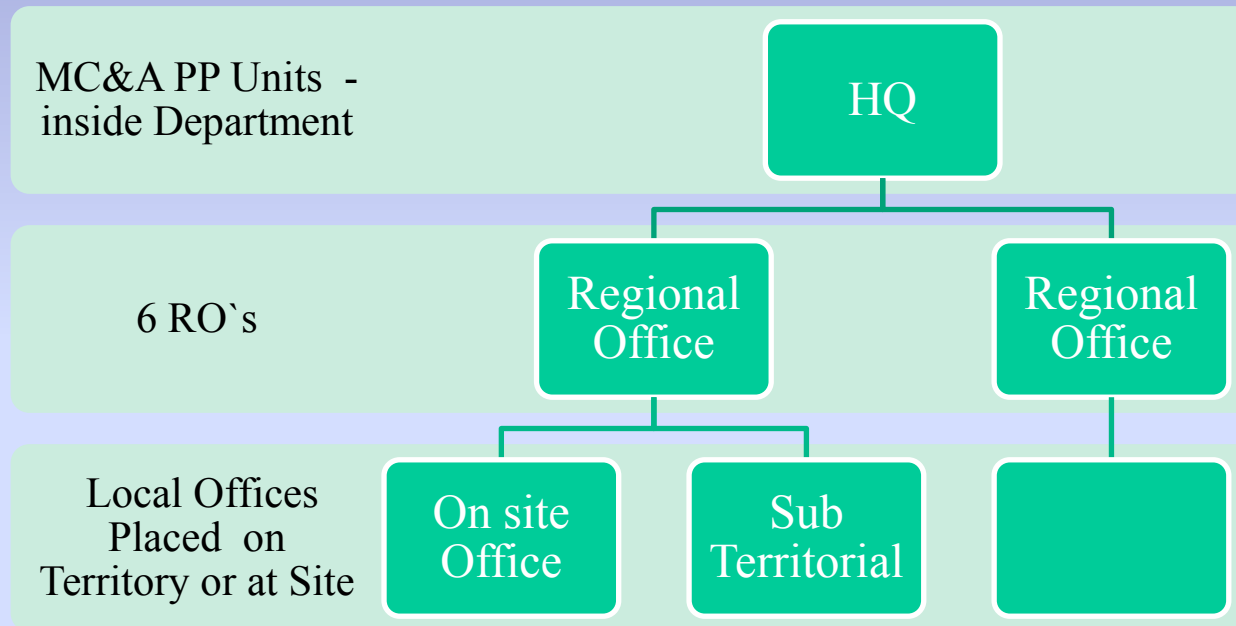


Responsibility of Rostekhnadzor in Nuclear Security

- **Standards and Rules in the Field of Nuclear Energy Use**
- **License Conditions**
- **Permit Conditions (to Personnel)**
- **Supervision of:**
 - **Compliance with:**
 - **Standards and Rules in the Field of Nuclear Energy Use**
 - **License Conditions**
 - **Permit Conditions (to Personnel)**
 - **Physical Protection of:**
 - **Nuclear Materials, Nuclear Facilities**
 - **Radioactive Sources, Storage Facilities and**
 - **State Systems of Accounting and Control of:**
 - **Nuclear Materials and**
 - **Radioactive Sources & Radioactive Waste**



Organizational Structure



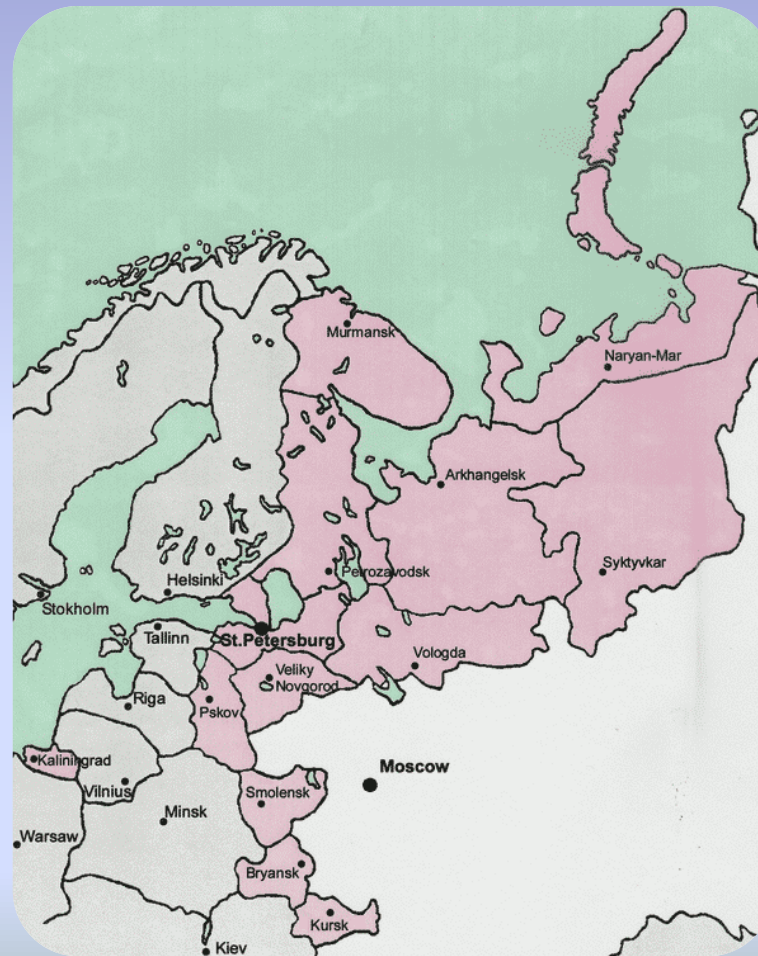


Volga Interregional Territorial Department





North European Interregional Territorial Department

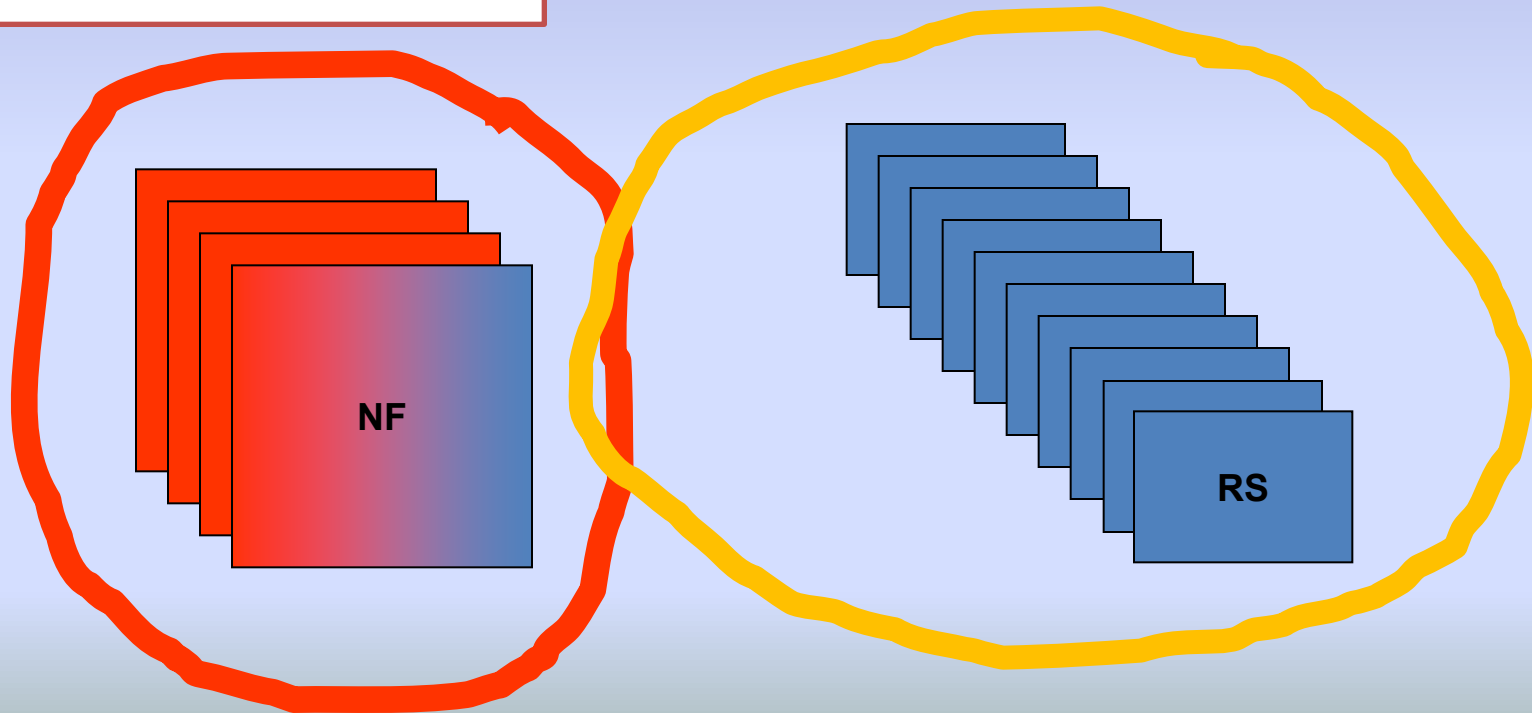




MC&A/PP at Nuclear Materials and Radioactive Sources Associated Facilities

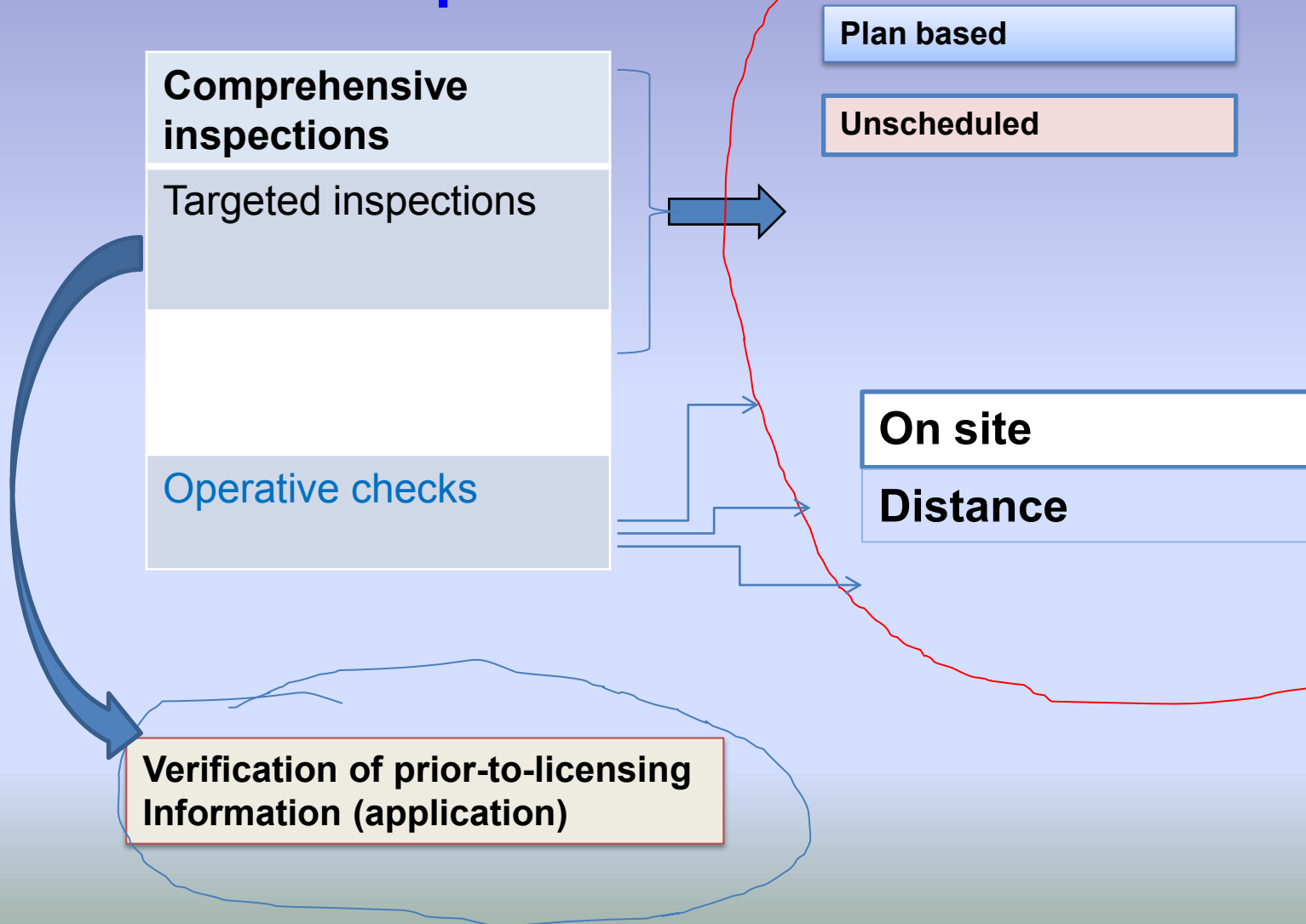
About 50 NF
NPP, FCF, RR, R&S Organizations
MBA: 300, 80(1), 10(2), 10(3),
190(4)

About 1700
Radiation Sites



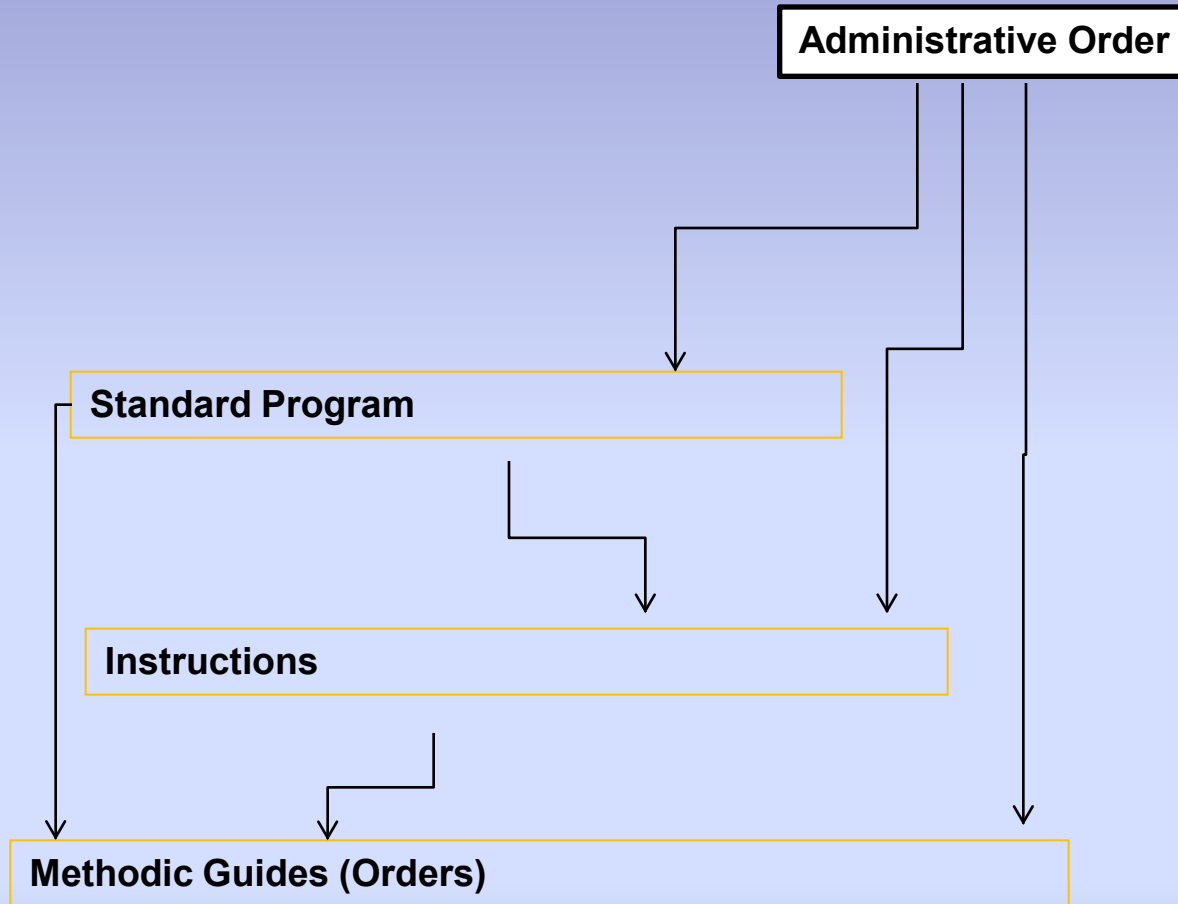


Inspections



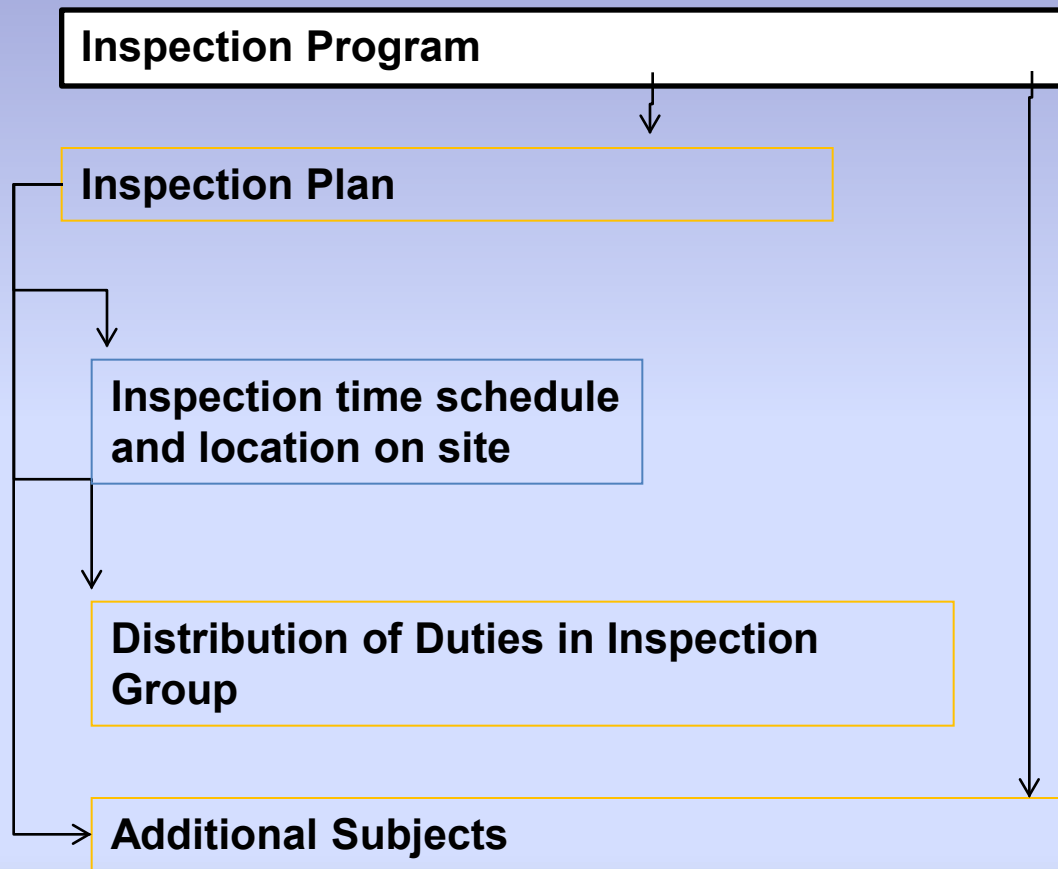


Regulated Documents for Supervision





Supervision Technique (1/3)





Supervision Technique (2/3)

Content of PP Inspection

Administrative measures

Physical Protection Technical Means Verification

Protecting Force Examination

Verification of Corrective Measures Completeness



Supervision Technique (3/3)

MC&A Inspection Content

MC&A facility level documents

Nuclear materials measurement system, surveillance

Nuclear materials transfer, shipping, receiving

Physical inventory taking

Facility personal skills and training

Previous prescriptions fulfillment

Additional topics if necessary



Supervision Technique/Sanctions

Documenting of inspection results

In case of findings (violations,
non-compliance's)

In case of non-findings

Inspection Final Act

→ Prescription to eliminate violation

→ Protocol on administrative violation

→ Sanctions applicable by inspector

→ Transfer Protocol to the Court

→ Appeal to prosecutor's office



Other Sanctions

Essential Violations

Suspend License

Cancel License

Suspend or Cancel Permit



Inspectors Training

Basic Training /Fundamentals

Training on Practice Issues

Field Training

Top Level / Post Graduate Education

Develop Manuals for Self and Distance Training

Train Trainers

Best practice Workshops



Future Tasks

International Cooperation

Risk Based Approach for Inspection Planning

Graded Approach in Inspection/Sanctions

Continuous Monitoring and Trend Analyses



**Federal Environmental, Industrial and Nuclear
Supervision Service of Russia (Rostekhnadzor)**

Thank you for your attention!

Regulatory authority www.gosnadzor.ru

Technical support organization www.secnrns.ru