

Enhancing of Regulatory Control in Georgia – Main Trends and Current Developments

GEORGIA

**Department of Nuclear and Radiation Safety
Ministry of Energy**

LEGAL COMPONENTS – National level

- Law on Nuclear and Radiation Safety;
- Basic Safety Standards and Requirements to handle the Sources of Ionizing Radiation (draft stage completed);
- Rules on Inspection of Nuclear and Radiation Practices (draft stage completed);
- Rules on State Registry and Categorization of Sources of Ionizing Radiation (drafting stage);
- Emergency Preparedness and Response Plan on Nuclear and Radiation Emergencies (drafting stage);
- Joint Plan on Response to an Illicit Trafficking of Nuclear Material and Radioactive Sources (drafting stage);
- Rules on Monitoring of Scrap Metal on Presence of Radioactivity (drafting stage)

LEGAL COMPONENTS – International Level

- Treaty on the Non-Proliferation of Nuclear Weapons;
- Agreement between the Republic of Georgia and the IAEA for the application of safeguards in connection with the treaty of non-proliferation of nuclear weapons;
- Protocol additional to the Agreement between the Republic of Georgia and the IAEA for the application of safeguards in connection with the treaty of non-proliferation of nuclear weapons;
- Convention on physical protection of nuclear material;
- Amendment to convention on physical protection of nuclear material;
- Convention on early notification of nuclear accident;
- Code of Conduct on the Safety and Security of Radioactive Sources and the Supplementary Guidance on the Import and Export of Radioactive Sources
- Joint Convention on the Safety of Spent Fuel Management and on the Safety of radioactive waste management

Bi-Lateral Format

- Memorandum of Understanding between USNRC and the Ministry of Environment and Natural Resources on establishment of Western Georgia (Poti) office;
- Joint Document of U.S. and Georgian Delegations on Georgia's Priority Needs to Improve Its Capabilities to Combat Nuclear Smuggling;
- Agreement between US DoE and Ministry of Energy and Natural Resources concerning cooperation to enhance the security of Georgia's radioactive sources;
- Collaboration Agreement between the European Atomic Energy Community and the Ministry of Energy and Natural Resources of Georgia on joint analysis of nuclear material;
- Agreement between the SSI (Swedish Nuclear Safety Authority) and the Ministry of Energy and Natural Resources on Support of NRSC Western Georgia (Poti) Office;
- Implementing agreement between US DoE and the Ministry of Internal Affairs of Georgia on cooperation to prevent Illicit trafficking of nuclear and radioactive material

INSTITUTIONAL COMPONENTS

- Regulatory Authority – Department of Nuclear and Radiation Safety, Ministry of Energy;
- Technical support organizations – RTSC (Radiation Technology and Safety Centre), BRUS, SFD (Scientists for Development), RULD (Regional Union – Local Democracy);
- SSDL - Secondary Standards Dosimetry Laboratory
- Licensee holders

INFRASTRUCTURAL COMPONENTS

- Emergency Management Department – MoIA;
- NCDC - National Centre of Public Health and Disease control – MoH;
- Patrol Police Department – MoIA;
- Centre of Special Operations – MoIA;
- Tax Revenue Service (Customs) - MoF;
- National Forensics Bureau;
- Fire and Rescue Municipal Services;
- Food Safety Department - MoA
- Other stakeholders

LEGAL

- Transformation of Law on Nuclear and Radiation Safety;
- Drafting of “second level” regulations;
- Elaboration of procedures for accounting of sources of ionizing radiation;
- Elaboration of legal basis for general inventory of sources;
- Expert assistance provision and support.

INFRASTRUCTURE

- Supporting of registration of sources of ionizing radiation (basic and refresh);
- Initialization of license process – creation of seminar manuals for all types of activities;
- Presentation of licensing manual (60 seminars fulfilled throughout of Georgia);
- Provision of DNRS with office furniture and equipment;
- Establishment of the DNRS Western Georgia (Poti) office;
- RIS (RASOD, NUCMAT, Authorization, Training)

INFRASTRUCTURE (cont.)

- Consolidation of all unused and founded orphan sources (2-5 categories) to the CSF (Centralized Storage Facility) from all temporary storage places;
- Implementation of Authorization database;
- Supporting Regional Workshops on security of sources and regulatory control (from 2009);

PRIORITY NEEDS – Drafting of regulations

- Law on Transportation of Nuclear and radioactive Material;
- Law on Radioactive Waste Management;
- Numerous regulations (13 from 15) should be prepared and enforced;
- Radiation Safety Requirements for medical exposure – urgent one;
- Deadline (**RED line**) – January 1, 2015.

PRIORITY NEEDS – Poti office

- Full implementation of regulatory functions;
- Financial support for employed staff terminates at January 1, 2014;
- Training needed for personnel recruited;
- Need in continuation of the Memorandum of Understanding

PRIORITY NEEDS – Central office

- More trainings and workshops for new staff members;
- RIS updating – more flexible cooperation between stakeholders;
- Continuation of dialogue with Georgian Government on strengthening of independence of Regulatory Authority;
- Promotion of establishment of regional training infrastructure for radiation protection officers.

What will be new in 2013?

- New transition of the DNRS from the Ministry of Energy to the Ministry of Environment (back home?);
- More staff anticipated to be recruited for the DNRS central office;
- **Increase of independence ???** - depended on dialogue and advise

QUESTIONS