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**DEPARTMENT OF NUCLEAR SAFETY AND SECURITY  
DIVISION OF RADIATION, TRANSPORT AND WASTE SAFETY**



**EDUCATION AND TRAINING APPRAISAL  
IN RADIATION PROTECTION AND THE SAFETY OF  
RADIATION SOURCES**

**GEORGIA**

**28 November – 2 December 2016**

## **APPRAISAL TEAM - PARTICIPANTS**

### **Appraisal Team**

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Richard Paynter	United Kingdom (Team Leader, Expert)
Julius Ziliukas	Lithuania (Expert)
Andrea Luciani	IAEA (Team Coordinator)

### **List of Participants**

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#### ***Ministry for Environmental and Natural Resources Protection of Georgia***

Ms Maia Bitadze – Deputy Minister

#### ***ANRS***

Mr Vasil Gedevanishvili – Head of ANRS

Mr Nodar Nadirashvili – Head of ANRS Authorisation Service

Ms Ketevan Jariashvili – Senior Specialist at ANRS Authorisation Service

Ms Ina Grigalashvili – Legal Specialist at ANRS Administrative Service

#### ***L.E.P.L. Environmental Information and Education Centre***

Ms Ia Papiashvili - Director

#### ***Ministry of Labour, Health and Social Affairs of Georgia***

Ms Marina Darakhvelidze – Head of Health Care Department

Ms Natia Nogaideli Head of Regulatory Division, Health Care Department

#### ***L.E.P.L. “I.Beritashvili Centre of Experimental Biomedicine”***

Dr. David Nadareishvili – Director

Prof. Tamar Sanikidze – Professor of Department of Medical Physics and Biophysics at Tbilisi State Medical University; Chief Researcher of Department of Problems of Radiation Safety at Beritashvili Center of Experimental Biomedicine

Prof. George Ormotsadze - Head of Department of Problem of Radiation Safety Iv. Beritashvili Center of Experimental Biomedicine

#### ***Private Training Centre “Olimpus”***

Mr Vasil Giviashvili – RPO in Universal medical center

Prof. Archil Kapanadze – Radiologist, Associated professor

#### ***State Security Service of Georgia, Operative Technical Department, Lilo Training Centre***

Lt.Colonel David Makaradze – Head of Division and Training Centre

## **BACKGROUND**

Following preliminary discussions between Ms Maia Bitadze, Deputy-Minister (Ministry of Environment and Natural Resources Protection) and the IAEA secretariat, on the occasion of the “Consultative Meeting of Policy-Decision Makers on the establishment of a National Strategy for Education and Training in Radiation, Transport and Waste Safety” (Vienna, 16-17 December 2015), the Agency of Nuclear and Radiation Safety (ANRS) requested an Education and Training Appraisal (EduTA) to be conducted on 28 November – 2 December October 2016 under the Technical Cooperation national project GEO/9/014 “Developing of Regulatory Infrastructure for Nuclear and Radiation Safety”.

The EduTA questionnaire was sent out to the Georgian counterpart at the Agency of Nuclear and Radiation Safety (ANRS), with the request to fill out the core modules (Modules A on the legal and regulatory framework for education and training, and Module B on the national strategy for education and training). Module C, conceived to be filled out by organizations conducting the Postgraduate Educational Course in radiation protection and the safety of radiation sources (PGEC) under the auspices of the IAEA, was not considered as part of the appraisal mission.

The completed questionnaire, with the supporting documents, was sent back to the IAEA contact point before the conduction of the mission for a preliminary assessment.

## **OBJECTIVES AND TERMS OF REFERENCE OF THE EduTA MISSION**

The general objectives of the EduTA are:

- To carry out a detailed appraisal of the status of the provisions for education and training in radiation protection and the safety of radiation sources;
- To identify areas in education and training, where the provisions should be improved to meet (i) the IAEA safety standards, (ii) the national education and training needs;
- To provide the host Member State with recommendations and suggestions for improvement;
- To provide key staff in the host Member State with an opportunity to discuss the legislative framework and the national policy and strategy in the field, with the EduTA team members who have experience in the issues at stake;
- To promote the IAEA Standards and Guidelines relevant to the scope of the appraisal.

In this framework, the terms of reference of this appraisal mission were:

- To revise and review, together with the counterpart, the information provided in Module A and B of the EduTA questionnaire on the legal and regulatory framework for education and training in radiation protection and safety, and the national strategy for education and training, respectively;
- To provide an opportunity to continuously improve the provisions and overall infrastructures for education and training in radiation protection and safety.

## **CONDUCT OF THE MISSION**

The EduTA mission was conducted according to the agreed Mission Programme. The opening session of the mission took place at the premises of the Agency of Nuclear and Radiation Safety (ANRS) on the first day of the mission. The EduTA team was welcomed by Mr Vasil Gedevanishvili, Head of the ANRS, together with Mr Nodar Nadirashvili, Head of ANRS Authorisation Service, Ms Ketevan Jariashvili, Senior Specialist of ANRS Authorisation Service and Ms. Ina Grigalashvili, Legal Specialist at ANRS Administrative Service.

The EduTA team leader presented the scope and objectives of the mission, the procedure for conducting the mission and the general structure and content of Module A and B of the questionnaire.

The representatives of ANRS provided a presentation on the national legal and regulatory framework, with particular emphasis on requirements for education and training in radiation protection, and on the activities and infrastructures for training in radiation protection.

After the presentations, the information provided to the EduTA team by the Georgian counterpart prior to the mission was discussed in detail, explanations on completing the questionnaire were given by the EduTA team and additional information was requested where necessary. Numerous documents were provided to the team before the mission in Georgian and some in English as well. Additional information was received during the mission and translations were provided when needed.

In accordance with the mission programme, the EduTA team visited several facilities as follows:

- L.E.P.L. Environmental Information and Education Centre;
- Ministry of Labour, Health and Social Affairs of Georgia;
- L.E.P.L. “I.Beritashvili Centre of Experimental Biomedicine”;
- Private Training Centre “Olimpus”;
- State Security Service of Georgia, Operative Technical Department, Lilo Training Centre.

On the last day, an exit meeting was held with the ANRS officials at the ANRS premises. The EduTA team leader presented a brief outcome of the assessment. Conclusions, recommendations and suggestions were agreed with the counterpart.

After the closing meeting, the EduTA team with the ANRS officials had a meeting with Ms Maia Bitadze, Deputy Minister of the Ministry for Environmental and Natural Resources Protection of Georgia, to provide a brief summary of the conclusions of the mission.