

**Joint Action Plan
Between the Government of the United States of America and the
Government of the Republic of Lithuania on Combating
Illicit Trafficking of Nuclear and Radioactive Materials**

The Government of the United States of America and the Government of the Republic of Lithuania, hereinafter referred to as “the Governments,”

Based on both countries’ commitments to the principle of compliance with obligations assumed under multilateral treaties on the non-proliferation of weapons of mass destruction to which they are party,

Taking into account the mutual desire to prevent the use of nuclear and radioactive materials for terrorist or other illicit purposes,

Recognizing both countries’ previous contributions to global nuclear security,

Reaffirming the central role of the International Atomic Energy Agency (IAEA) in strengthening the international nuclear security framework,

Underscoring the decision of the Government of the Republic of Lithuania to establish a Nuclear Security Centre of Excellence, and noting that this center is an important tool to enhance the counter-nuclear smuggling capabilities of Lithuania and other partners in the region,

Considering the need to strengthen capabilities to combat illicit trafficking of nuclear and radioactive materials,

Have expressed the following intentions:

The Governments intend to cooperate to increase the capabilities of Lithuania to prevent, detect, and respond effectively to attempts to traffic illicitly in nuclear and radioactive materials, through implementation of priority tasks enumerated below. The Government of the Republic of Lithuania further intends to assist foreign counterparts in building similar capabilities, either independently or in partnership with the United States or other international partners, through implementation of other priority tasks enumerated below. The Government of the Republic of Lithuania intends to implement those tasks that it is capable of carrying out on its own. Where a need for additional assistance is jointly identified, in

particular a jointly approved list of assistance projects, the Government of the United States of America intends to seek to identify a source, within either the U.S. government or the international community, to provide such assistance. For tasks identified herein that are already ongoing in cooperation with U.S. or other international partners, this Joint Action Plan is not intended to impede those activities or alter in any way the arrangements under which they are being conducted or would be conducted in the future.

I. PREVENTION

A. Continuation of Existing Efforts

- Sustain physical security improvements at sites housing nuclear material and highly radioactive sources, in cooperation with the U.S. Department of Energy's Global Threat Reduction Initiative (GTRI) and/or other international partners. *(Relevant agencies: Radiation Protection Center, State Nuclear Power Safety Inspectorate)*
- Maintain and update on a regular basis the State Register of Sources of Ionizing Radiation and Occupational Exposure. *(Relevant agencies: Radiation Protection Center)*
- Share best practices on maintaining a national registry of radioactive sources with experts from third countries. *(Relevant agencies: Radiation Protection Center)*
- Conduct regular inspections at facilities with nuclear or radioactive materials, and require the facility and material owners to implement upgrades if any security vulnerabilities are identified at facilities with in-use sources. *(Relevant agencies: Radiation Protection Center, State Nuclear Power Safety Inspectorate)*
- Condition and ship any disused sources to secure storage. *(Relevant Agency: Radioactive Waste Management Agency)*
- Conduct searches for abandoned (or "orphan") radioactive sources, in accordance with national plans, and ensure that search teams have appropriate training and equipment to carry out these activities. *(Relevant agencies: Radiation Protection Center)*
- Expand workshops and training sessions on nuclear and radioactive materials protection for nuclear administrators and first responders. *(Relevant agencies: Nuclear Security Centre of Excellence, Radiation Protection Center, State Nuclear Power Safety Inspectorate)*

- Where possible, extend such educational opportunities to personnel from third countries through the Nuclear Security Centre of Excellence and via other means. *(Relevant agencies: Nuclear Security Centre of Excellence, Radiation Protection Center, State Nuclear Power Safety Inspectorate)*
- Examine Lithuania's nuclear laws and regulations as relevant IAEA guidance evolves, to ensure that Lithuania's nuclear regulatory system remains in line with international standards and is sufficient to address evolving threats. *(Relevant agencies: State Nuclear Power Safety Inspectorate)*
- Examine Lithuania's laws and regulations related to radioactive materials as relevant IAEA guidance evolves, to ensure that Lithuania's regulatory system for radioactive materials remains in line with international standards and is sufficient to address evolving threats. *(Relevant agencies: Radiation Protection Center)*
- Continue cooperation with the U.S. Department of State's Export Control and Related Border Security (EXBS) program to strengthen Lithuania's strategic trade control system, as outlined in previously established plans. *(Relevant agencies: Ministry of Economy, Ministry of Foreign Affairs, Ministry of National Defence, Customs Department, State Border Guard Service, State Nuclear Power Safety Inspectorate)*
- Mentor other countries on strategic trade controls, both in coordination with the EXBS program and independently. *(Relevant agencies: Ministry of Economy, Ministry of Foreign Affairs)*

B. Additional Efforts

- Develop indigenous capacity to facilitate basic repairs of radiation detection equipment, in cooperation with GTRI and/or other international partners. *(Relevant agencies: State Border Guard Service, Radiation Protection Center, Customs Department, Police Department, and any other agency holding such equipment)*
- Assess the sufficiency of requirements, procedures, and equipment for the transportation of radioactive sources to secure storage, and if needed, upgrade them to meet international standards. *(Relevant agencies: Radioactive Waste Management Agency, Radiation Protection Center, State Nuclear Power Safety Inspectorate)*

II. DETECTION

A. Continuation of Existing Efforts

- Complete ongoing installations of radiation detection equipment at the Klaipėda port and the Medininkai border crossing point, in coordination with the United States and/or other international partners. *(Relevant agencies: State Border Guard Service)*
- Continue planning installations of radiation portal monitors at the Border Guard School in Medininkai, the Šumskas border crossing point, and the Eišiškes border crossing point, and the reinstallation of such equipment at the Kybartai border crossing point, in cooperation with the U.S. Department of Energy's Second Line of Defense (SLD) program and/or appropriate international partners. *(Relevant agencies: State Border Guard Service)*
- Develop an implementing arrangement with the SLD program on the provision of mobile and man-portable radiation detection systems. *(Relevant agencies: Customs Department)*
- Continue and expand Lithuania's role as a mentor to neighbouring countries and EU agencies on effective monitoring of green border areas, and seek additional opportunities for exchanging best practices with EU partners. *(Relevant agencies: State Border Guard Service, Customs Department)*
- Continue and expand cooperation projects and training courses to assist third countries with the modernization of their respective customs authorities. *(Relevant agencies: Customs Department)*

B. Additional Efforts

- Review the concept of establishing a national-level nuclear and radiation detection framework that outlines how both existing and anticipated nuclear and radiation prevention and detection efforts should be integrated, and if desired, develop such a framework. *(Relevant agencies: Interagency Working Group on Combating Nuclear Smuggling, in line with its mandate)*
- Deploy additional radiation detection and other equipment at priority ports of entry and other strategic locations, as needed, in coordination with the United States and/or other international partners. *(Relevant agencies: State Border Guard Service; Customs Department)*

- Once additional radiation detection equipment is installed, merge the alarm data from radiation portal monitors with the alarm data from other appropriate radiation detection equipment, in cooperation with the SLD program and/or other international partners. *(Relevant agencies: State Border Guard Service)*
- Establish a national communications center to analyze alarm data received from national competent authorities, in cooperation with the SLD program and/or other international partners. *(Relevant agencies: Radiation Protection Center)*
- Once an implementing arrangement is established with the SLD program for the provision of Mobile Detection Systems, utilize these systems to screen for nuclear or radioactive materials in priority locations, including along green border areas, near the European Union external borders, and at internal checkpoints and major highways. *(Relevant agencies: Customs Department)*
- Once mobile detection equipment is deployed, exchange the alarm data from this equipment with the national communications center cited above, in coordination with the SLD program. *(Relevant agencies: Customs Department, State Border Guard Service)*
- Once mobile detection equipment is deployed, share best practices on the operation of such equipment with regional partners. *(Relevant agencies: Customs Department, Radiation Protection Center, State Border Guard Service, Nuclear Security Centre of Excellence)*
- Utilize mobile detection equipment provided to Lithuanian Customs according to the arrangement established with the SLD program in order to perform functions related to radiation detection. *(Relevant agencies: Customs Department)*
- In coordination with SLD, develop the capability to exercise radiation detection equipment and response personnel, and conduct bilateral and regional alarm response exercises for fixed systems and field training exercises with mobile and man-portable systems. *(Relevant agencies: State Border Guard Service, Customs Department, Nuclear Security Centre of Excellence)*
- Share best practices on coastal surveillance and interdiction of nuclear or radioactive materials with other EU states and other partners in the region. *(Relevant agencies: State Border Guard Service)*

- Pursue ways to enhance a specialized counter-nuclear smuggling capability that would leverage investigative and intelligence expertise to combat nuclear smuggling more effectively and to serve as a focal point for cooperation with international counterparts, in coordination with U.S. and/or other international partners. *(Relevant agencies: Interagency Working Group on Countering Nuclear Smuggling, in line with its mandate)*
- Participate, as means and capabilities allow, in the Global Initiative to Combat Nuclear Terrorism (GICNT) Detection Working Group in order to share lessons learned and best practices relating to nuclear detection with the international community. *(Relevant agencies: State Nuclear Power Safety Inspectorate, Radiation Protection Center)*

III. RESPONSE

A. Continuation of Existing Efforts

- Prosecute vigorously all illicit traffickers of nuclear and radioactive materials. *(Relevant agencies: Prosecution Service and state agencies authorized to conduct criminal intelligence and (or) pretrial investigation)*
- Publicize, in accordance with applicable laws and regulations, information on prosecution of illicit traffickers of nuclear and radioactive materials. *(Relevant agencies: Prosecution Service and state agencies authorized to conduct criminal intelligence and (or) pretrial investigation)*
- Report to the IAEA Illicit Trafficking Database (ITDB) incidents involving illicit trafficking of nuclear and radioactive material or radioactive material outside proper regulatory control. *(Relevant agencies: State Nuclear Power Safety Inspectorate)*
- Pursue formal cooperation among the relevant agencies and scientific institutions on advanced forensic analysis of nuclear and radioactive material. *(Relevant agencies: Radiation Protection Center, State Nuclear Power Safety Inspectorate)*
- Improve nuclear forensics capabilities and share Lithuania's experience in the field through regular participation in the Nuclear Forensics International Technical Working Group (ITWG). *(Relevant agencies: Radiation Protection Center)*
- Expand regional cooperation on illicit nuclear trafficking issues, particularly among border security and law enforcement

agencies and intelligence services, in cooperation with U.S. and/or other international partners. *(Relevant agencies: Nuclear Security Centre of Excellence, Police Department, Customs Department, State Border Guard Service, Ministry of Foreign Affairs)*

- Prosecute cases of corruption related to illicit trafficking of nuclear and radioactive materials that are identified by or reported to the competent entities. *(Relevant agencies: Special Investigation Service)*
- Provide anti-corruption training for border security and law enforcement officers; judges and prosecutors; and others with access to radioactive materials. *(Relevant agencies: Special Investigation Service)*

B. Additional Efforts

- Exercise regularly the national response plan for incidents involving nuclear or radioactive materials to ensure its effectiveness, and continually review IAEA guidance for updated best practices in organizing a coordinated response to such incidents. *(Relevant agencies: State Nuclear Power Safety Inspectorate, Radiation Protection Center, Customs Department, Police Department, State Border Guard Service, Radioactive Waste Management Agency, Prosecution Service, working through the Interagency Working Group on Combating Nuclear Smuggling in accordance with its mandate, as well as municipalities, healthcare institutions, Fire and Rescue Department, Ministry of the Interior)*
- Participate, as means and capabilities allow, in the Global Initiative to Combat Nuclear Terrorism (GICNT) Forensics Working Group, to share lessons learned and best practices relating to nuclear forensics with the international community. *(Relevant agencies: Radiation Protection Center)*
- Enhance Lithuania's nuclear forensics capabilities through additional training and acquisition of improved equipment, where needed. *(Relevant agencies: Radiation Protection Center,)*
- Share experience regarding the investigation and prosecution of cases of illicit trafficking of nuclear and radioactive materials among prosecutors and judges and with relevant international counterparts. *(Relevant agencies: Prosecution Service and state agencies authorized to conduct criminal intelligence and (or) pretrial investigation, National Courts Administration)*

- Share information, in accordance with applicable laws and regulations regarding information protection, on investigations and discuss illicit nuclear trafficking trends and prosecutions of nuclear smugglers with the United States and other international partners, including INTERPOL. *(Relevant agencies: Prosecution Service and state agencies authorized to conduct criminal intelligence and (or) pretrial investigation)*
- Enhance the capabilities of the Nuclear Security Centre of Excellence through additional training, equipment, and information exchange, in cooperation with the United States, the IAEA, and other international partners. *(Relevant agencies: Nuclear Security Centre of Excellence)*
- Develop additional training modules for domestic and foreign personnel attending courses at the Nuclear Security Centre of Excellence, in cooperation with the United States, the IAEA, and other international partners. *(Relevant agencies: Nuclear Security Centre of Excellence)*
- Share experience on monitoring and combating corruption with other countries, particularly those that aspire to join the EU or are seeking to adopt EU standards and best practices. *(Relevant agencies: Special Investigation Service)*

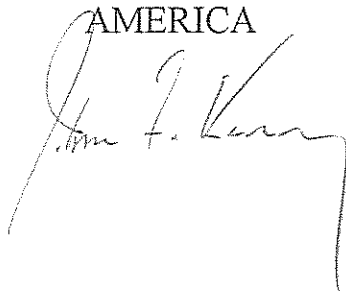
The Governments intend to report to each other regularly on their progress in implementing this Joint Action Plan.

This Joint Action Plan constitutes a political arrangement between the Governments and does not establish any rights or obligations in accordance with international law.

This Joint Action Plan becomes effective on the day of its signing.

Signed atBrussels.... on ...April 23... 2013, in two copies, each in the English and Lithuanian languages, both texts being equally official.

FOR THE GOVERNMENT OF
THE UNITED STATES OF
AMERICA



FOR THE GOVERNMENT OF
THE REPUBLIC OF
LITHUANIA

