



Contribution ID: 20

Type: **Poster**

Establishing of a Nuclear Forensics Capacity in Republic of Moldova

Tuesday, 8 July 2014 13:00 (1 hour)

In this article there are described the steps and results of Establishing of a Nuclear Forensics Capacity in Republic of Moldova in framework of implementation of Integrated Nuclear Security Support Plan in the Republic of Moldova. In the same way there are described the experiences of NARNRA - National Agency for Regulation of Nuclear and Radiological Activities gained from operation on attempt of illegal trafficking of nuclear materials.

With the valorous contribution of other donors (US DoE, US NRC, SSM, CE, IAEA DTC) we have successfully launched and implemented the INSSP in Moldova. Among the main results we note the possibility to carry out the primary identification of nuclear materials, captured in actions of combating illicit trafficking in the summers of 2010 and 2011 years.

In framework of realization INSSP in October 2012, June 2013 and October 2013 (Blind exercise) the parties have organized and deployed successfully the interagency field exercises on effective response to illicit trafficking of radioactive materials events with all necessary forensics procedures. In this Practical exercise, the interaction of the involved bodies and the new NARNRA response procedures with the Mobile Experts Support Team, were tested. Based on that field exercise, the local stakeholders has been working on a new and extended ConOps and Standard Operation Procedures.

Country and/or Institution

Republic of Moldova, National Agency for Regulation of Nuclear and Radiological Activities

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Session Classification: Poster Session I