INTERNATIONAL ASPECTS OF CREATING A STATE SYSTEM FOR COUNTERING THE ILLEGAL CIRCULATION OF RADIOACTIVE MATERIALS IN THE RUSSIAN FEDERATION. IN: TERRORISM. REDUCING VULNERABILITIES AND IMPROVING RESPONSES. U.S.-RUSSIAN WORKSHOP PROCEEDINGS.

This chapter on countering the illegal circulation of radioactive materials in the Russian Federation is from a book that gathers papers and proceedings from workshops held between 2001 and 2003 of meetings of the Russian Academy of Sciences (RAS) and the National Academies of Science (NAS, United States), focusing on reducing vulnerabilities and improving responses to terrorism. The author describes the practical measures that are being taken in the Russian Federation for combating the potential for nuclear and radiological terrorism. The author outlines five proposals: a draft of a state system for countering the illegal circulation of these materials both within the Russian Federation and across its borders; an organization that links and organizes the activities of the basic law enforcement and customs agencies, ministries, and departments dealing with the nuclear sector, and other interested organizations; the creation of a model district in the Moscow region as an element of the overall plan; the development of devices for the detection, location, and identification of the illegal circulation of radioactive materials; and the creation of a well-developed information system on matters related to the illegal circulation of radioactive materials, including a number of central and agency-specific databases. One illustration graphically depicts how the proposed system would operate and how different levels of the system interrelate.

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The total volume of accumulated LRW is 486 mln. m³ (4.27·10¹⁹ Bq). Protection of the environment from the negative impacts of radioactive wastes, and the prohibition of their import to and export from the Russian Federation were the main objectives of the program. In June 1999, the Presidents of the National Academy of Sciences and the Russian Academy of Sciences initiated an inter-academy program to jointly address common interests in the field of counter-terrorism. Four workshops were held from 2001 to 2007 and additional consultations were undertaken prior to and after the series of workshops. This report includes 35 of the Russian presentations during the workshop series. International Aspects of Creating a State System for Countering the Illegal Circulation of Radioactive Materials in the Russian Federation: Vladimir M 115. Computer Security Training for Professional Specialists and Other Personnel Associated with Preventing and Responding to Computer Attacks: Anatol