

**RECORD OF MEETING
MEETING OF EXPERTS AMEC PROJECT 1.5-1
11-15 September
Lillehammer, Norway**

INTRODUCTION

Technical experts of the Ministries of Defence (MOD) of Russia (RF) and Norway (NOR), and the US Department of Defense (DOD) met in accordance with the AMEC Steering Group's decisions on AMEC Project 1.5-1 "Radiation Control at Facilities – Application of Picasso System." The meeting took place during the Technical Guidance Group Meeting, Lillehammer, Norway, 11-15 September 2000. The list of participants is included in Attachment 1.

MEETING GOALS

1. Review status of Working Model of radiological monitoring system.
2. Start Phase III of the Project – Implementation.

ACCOMPLISHED

1. The RF MOD has identified the Polyarny 10 site as the location for the first full scale implementation of the Picasso AMEC system.
2. The Technical Experts noted for the execution of the Phase III – Implementation, a Russian contractor working under contract to be negotiated with Brookhaven National Laboratory will prepare the technical design documentation on creation and testing operation of the radiation monitoring system on the base of PICASSO-AMEC. This contract will be negotiated as soon as possible.
3. The documentation will be used as the basis for equipment procurement, installation, licensing and operation of the radiation monitoring system and Picasso-AMEC. The following work is to be done:
 - Collection and processing of Background documentation on the site and objects necessary for designing the measuring system.
 - Location and type and number of detector blocks will be determined. The volume of controlled parameters will be defined. Modeling of typical accidental and routine releases with estimation of possible consequences for ecology and population (risk estimation) will be done for optimization of number, location, mode of operation of sensors. Provide technical specification for the detectors, smart controllers and radiomodems including such factors as weatherization and other special requirements.
 - For offsite locations where detector blocks will be installed, identify specific facilities where the detector blocks will be located. These facilities should be owned by the Federal or municipal governments that have infrastructure to support the long-term operation of the detector (e.g., security, power and weatherization).
 - Identify procedures for licensing and certification by military and civilian organizations required for the operation of the System.
 - Identify locations where the server and workstations will be located. Identify the ways of data transfer between them.
 - Provide detailed break-downs of labor, material/supply and administrative costs associated with the equipment procurement, installation, licensing and training of RF Navy personnel.
 - Provide Milestones and Time schedules for implementation and payments.

THE EXPERTS NOTE TO THE STEERING GROUP

1. Russian and Norwegian Project Officers will work with their Steering Group representatives to ensure that Project 1.5-1 is included in the Russian-Norwegian Bilateral Framework Agreement.
2. A budget estimate for full scale implementation will be prepared based on the Phase III Implementation study to be completed by Feb. 2001.

For Russian Ministry of Defence

For US Department of Defense

VADM N. Birillo

Dr. Barry Spargo

For Norwegian Ministry of Defence

Dr. Monica Endregard

Attachment 1

PARTICIPANTS

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