

**RECORD OF MEETING  
AMEC PROJECTS 1.5-1/1.5  
16-18 September 2003  
Murmansk, RUSSIA**

**INTRODUCTION**

Representatives of the Ministries of Defence (MOD) of Russia (RF), Norway (NOR), and the US Department of Defense (US) met in accordance with the AMEC Principals decisions on AMEC Projects 1.5 "Cooperation in Radiation Safety" and 1.5-1 "Radiation Control at Facilities – Application of the PICASSO System." The list of participants is included in Attachment 1.

**MEETING GOALS**

- Visit FGUP 10 SRZ to review the status of the Norwegian/Russian purchased dosimeters and US dosimeter card readers and spare parts.
- Visit FGUP Atomflot and review the status of the installation of PICASSO.
- Review plans to install PICASSO at FGUP 10 SRZ.

**ACCOMPLISHED AND NEXT STEPS**

- FGUP 10 SRZ
  - KID-08S Dosimeter System
    - ✓ Phase 1 (purchase and preliminary control/testing) and Phase 2 (operational testing at FGUP 10 SRZ) of the contract between FFI and FGUP ICC Nuklid on the Russian produced KID-08S dosimeters are completed.
    - ✓ A copy of the video from the demonstration of the dosimeters at FGUP 10 SRZ in June 2003, was provided by ICC Nuclide to NOR and US.
    - ✓ As the issue on the ownership of the dosimeters still has not been resolved, the contract between FFI and ICC Nuclide is extended to 15 October 2003. The final report on Phase 2 will be provided within this period.
    - ✓ Prior to the meeting NOR requested a site visit to view the KID-08S dosimeters in use at FGUP 10 SRZ. The RF party failed to accommodate the request.
  - US DD-100 electronic dosimeters
    - ✓ BNL has provided FGUP ICC Nuklid a no cost contract to facilitate the transfer of card readers and remaining spare parts to FGUP 10 SRZ. FGUP ICC Nuklid is reviewing the contract.

- PICASSO AT FGUP ATOMFLOT
- ✓ The Technical experts visited the site and were pleased to see that the Picasso installation is completed. Six months trial operation will begin next week.
- ✓ All detectors, except the aerosol detector to be installed in the tank farm building, are installed and connected to PICASSO according to the Technical Design. This last detector will be kept in use and installed in the tank farm building when it is completed.
- ✓ The NOR and US delegations await the RF report describing the protocol for transferring radiation monitoring information to RF Minatom Situation Crisis Centre and to Murmansk territorial automated radiation monitoring system (MTASKRO).
  
- PICASSO AT FGUP 10 SRZ
- ✓ BNL and FGUP ICC Nuklid signed a contract for FGUP ICC Nuklid to develop a detailed system and installation design of a remote radiation monitoring system (RMS-Picasso) at FGUP 10 SRZ. NOR is given access to the design documentation for RMS-Picasso under this contract.
- ✓ NOR will engage in installation of RMS-Picasso at FGUP 10 SRZ on the following conditions:
  - A site visit for NOR to view the KID-08S dosimeters will take place in November 2003 in conjunction with the Promotional Event.
  - All decisions for RMS-Picasso will be made trilaterally.
  - The work connected to RMS-Picasso will not delay the commissioning of the PPP-RAO.
  - FGUP 10 SRZ will take full responsibility for all equipment purchased and the entire RMS-Picasso.

### **THE EXPERTS REPORT TO THE STEERING GROUP**

- The Picasso system is ready for display at the November Promotional event.
- The team encourages the Steering Group to authorise contracts needed for the production of promotional material for the November Promotional Event.

## NEXT MEETING

- A Project Officers meeting will be held in Murmansk in November in conjunction with the Promotional Event and the commencement of the six-month trial operation.

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For Russian Ministry of Defence	For Norwegian Ministry of Defence	For US Department of Defense
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Captain 2 <sup>nd</sup> Rank Vitaly Neznanov	Dr. Monica Endregard	LCDR Jerry Sanders
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**ATTACHMENT 1  
LIST OF PARTICIPANTS**

*Murmansk, 16-18 September 2003*

<b>РОССИЙСКАЯ ФЕДЕРАЦИЯ</b>	<b>RUSSIAN FEDERATION</b>
ВМФ Капитан 2 ранга Виталий Незнанов	VMF Captain 2-nd rank Vitaly Neznanov
«Сервисинтертехника» Александр Ермолаев	Serviseintertechnika Aleksandr Ermolaev
ФГУП «Атомфлот» Андрей Абрамов	FGUP Atomflot Andrey Abramov
ФГУП МКЦ «Нуклид» Лев Чернаенко	FGUP ICC Nuclide Lev Tchernenko
ИБРАЭ РАН Сергей Гаврилов	IBRAE RAN Sergey Gavrilov
ФГУП «10 СРЗ» Вадим Кузьмин	FGUP "10 SRZ" Vadim Kuzmin
<b>США</b>	<b>USA</b>
Минобороны США Капитан 2 ранга Джерри Сандерс	US. Department of Defense LCDR Jerry Sanders
Брукхевенская национальная лаборатория Пол Московитц	Brookhaven National Laboratory (BNL) Paul Moskowitz
<b>НОРВЕГИЯ</b>	<b>NORWAY</b>
Министерство Обороны Норвегии Ингьерд Крокен	Norwegian Ministry of Defence Ingjerd Kroken
Институт энерготехнологий Раждип Сингх Сидху	Institute for Energy Technology (IFE) Rajdeep Singh Sidhu
Переводчик Борис Кочетков	Interpreter Boris Kochetkov