

**RECORD OF MEETING  
AMEC PROJECTS 1.5-1/1.5  
24-26 February 2004  
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 Atomflot and review the status of the installation of PICASSO.
- Review plans to install PICASSO at FGUP 10 SRZ.
- Participate in the commissioning ceremony of PPP RAO at FGUP 10 SRZ.
- Review the status of the Russian/Norwegian purchased dosimeters installed at FGUP 10 SRZ.

**ACCOMPLISHED AND NEXT STEPS**

- PICASSO AT FGUP ATOMFLOT
  - ✓ In response to the RF MOD appointing a new contractor, FFI terminated the ICC NUKLID contracts on 19 January 2004, and FFI let a new contract to IBRAE-RAN on 26 January 2004.
  - ✓ Immediately after signing of this new contract, the outstanding deliverables identified in the previous ROM, were submitted by IBRAE-RAN and approved by FFI and BNL.
  - ✓ The Technical experts visited the site and were pleased to see that the PICASSO has completed five months of successful test operation. It is being used 24 hours a day/7 days per week by fully trained operators.
  - ✓ Several challenges identified during the test operation were quickly and successfully resolved.
  - ✓ The Metrological Certificate has been issued.
  - ✓ A report is being prepared describing software protocols for the transfer of measurement data to outside entities. This report will be provided in two weeks. The State Acceptance Commission will be notified about this capability and will be asked to make a recommendation regarding the transfer of these data to outside entities, for example, the Murmansk territorial authorities and the Minatom Situation Crisis Center. MOD and FGUP Atomflot will send a letter to the Murmansk territorial authorities offering these data.
  - ✓ The two remaining issues to be resolved include:
    - Acceptance Protocol - On completion of the six-month trial operation the State Acceptance Commission will commission the system into regular operation in accordance with Russian regulations. The Commission will convene the end of March.
    - Property Transfer – After the Acceptance Protocol is issued; an application will be submitted to the Ministry of State Property. The transfer of property ownership to the Ministry of State Property will occur soon after.

- ✓ On resolution of the two outstanding issues identified above, this project will be officially and very successfully completed. A trilaterally prepared close-out report will be prepared.
- PICASSO AT FGUP 10 SRZ
  - ✓ In response to the RF MOD appointing a new contractor, BNL terminated the ICC NUKLID contract on 21 November, and BNL let a new contract to IBRAE-RAN on 18 December 2003.
  - ✓ Under this new contract, IBRAE-RAN provided the first deliverable, “Remote Radiation Monitoring System at FGUP 10 SRZ (RMS-PICASSO): Development of a Detail Design of the RMS Picasso System).” The installation design will be provided the end of April.
  - ✓ Norway identified the following necessary conditions to be met before it is ready to enter into contract negotiations for installation of Picasso at FGUP 10 SRZ: (1) State Commission Acceptance Protocols for Picasso at FGUP Atomflot, and; (2) State Commission Acceptance of the MPF at FGUP 10 SRZ. Norway can engage in contract negotiations immediately after the conditions have been met.
  - ✓ The US is ready to immediately start contract negotiations.
  - ✓ The RF side agrees with the Norwegian conditions for starting contract negotiations for the installation of Picasso at 10 SRZ. The RF side notes that if a contract is in place by mid-May, the system could begin test operation by mid-November. Time sensitive issues are the three-month procurement cycle for equipment and winter constraints on construction.
- FGUP 10 SRZ KID-08S Dosimeter System
  - ✓ Norway and Russia will make an effort to finalise the property transfer for the dosimeters. In order to do so, letters will be prepared by the Nor MOD and by the Russian Navy to the Russian Deputy Defence Minister, Lubof Kodolina. These letters will be sent in March 2004.
  - ✓ In order to close out the project, Norway and Russia deem it necessary to request ICC Nuclide to provide the final report by 15 March 2004. In case ICC Nuclide fails to provide such a report, the RF MOD will notify FFI and ICC Nuclide about the impossibility of having ICC Nuclide as a contractor in this project. Subsequently, necessary actions will be taken to terminate the contract, complete the trilateral close-out report and complete the project

## NEXT MEETING

- A meeting will be held in Moscow to prepare the trilateral closeout report for installation of Picasso at FGUP Atomflot. This is tentatively scheduled for April 2004.
- After Picasso at FGUP Atomflot and the MPF at FGUP 10 SRZ are commissioned by the State Acceptance Commission, a Project Officers meeting will be held to negotiate the contract for installation of Picasso at FGUP 10 SRZ. We expect this meeting to be held at IBRAE-RAN in Moscow in April 2004.

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