RECORD OF MEETING
AMEC PROJECT 1.5-1
15-17 August 2001
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 Project 1.5-1 "Radiation Control at Facilities – Application of the PICASSO System." The list of participants is included in Attachment 1.

MEETING GOALS

1. Visit the Polyarninsky SRZ and review the infrastructure for radioactive waste (RAW) treatment that is to be developed.
2. Revise and coordinate the technical design documents prepared by ICC Nuklid and IBRAE RAN for the Picasso installation at Polyarninsky SRZ.
3. Visit RTP Atomflot and review the proposals for the development of the pad for interim storage of RAW from nuclear submarines in regard of implementation of the Picasso system on this facility.
4. Review the status of the draft contract for the purchase and delivery of KID-08S dosimeters for the Polyarninsky SRZ.

ACCOMPLISHED

1. The technical experts visited the Polyarninsky SRZ on 15 August 2001. During the site visit the experts were shown the proposed location of the MPF and the infrastructure for RAW treatment that is under development.
2. The report of the Chief Engineer, CAPT 1st Rank Viktor Frolov, from the Polyarninsky SRZ as well as delegations' input on the MPF project were presented.
3. The RF MOD Contractors, ICC Nuklid and IBRAE RAN briefed the project officers and technical experts on the status of the current contract on the implementation of the Picasso system.
4. The project officers revised and coordinated the number of the dosimeters and the location of the Picasso system.
5. The project officers and technical experts visited RTP Atomflot on 16 August 2001. Director of RTP Atomflot, Mr. Sinyayev, Director Yanovskaya and ICC Nuklid Project 1.1-1 Project Manager Mr. Godunov presented a report on development of radioecological monitoring of the pad for interim storage of RAW from nuclear submarines in the North region and use of the Picasso system at this facility. During the site visit, the technical experts were shown the radiation control system and visited the pad and the Control room.

THE EXPERTS REPORT TO THE STEERING GROUP

1. The RF Ministry of Defence subcontractor, IBRAE RAN representatives of the Polyarninsky SRZ and the city authorities presented the technical specifications and cost estimates for the implementation of the PICASSO system at the shipyard. During the discussions the project officers determined the final requirements to these specifications and cost estimates. The number of the BDRG-08S terrestrial sensors was decreased from 20 to 9 and the number of BDZhG-08S underwater sensors from 10 to 1. A preliminary, but not yet finalized cost for this system is 357,454 USD. This includes 114,054 USD for equipment and 243,400 USD for labor. The equipment cost estimates have been validated, but the labor estimates must still be justified.
2. In terms of the implementation of the Picasso system at Polyarninsky SRZ, Director Yanovskaya of ICC Nuklid informed that the TZ prepared in accordance with the Russian requirements is coordinated and approved by all bodies.
3. The implementation of the Picasso system at the Polyarninsky SRZ shall commence upon signing of the new contracts. This will take place after ICC Nuklid presents the project specifications revised in regard to the discussions and after the Steering Group gives the Project 1.5-1 Team authorization to proceed with the work.
4. The implementation of the Picasso system on RTP Atomflot that includes the interim storage pad for RAW from the decommissioned nuclear submarines and the treatment and conditioning facility for LRW from the decommissioned nuclear submarines shall commence when the new contract is signed. ICC Nuklid will provide this proposal to the NOR and US contractors no later than 31 August 2001. The first stage of the work is to develop a technical design including cost estimates to implement the radioecological Picasso monitoring of the interim storage pad for SNF and the LRW treatment facility. If necessary, the technical experts will hold a meeting in Brookhaven National Laboratory USA, on 13-14 September to review the contract proposals. The second stage will focus on construction. This will be negotiated following the completion of the first part of the contract. The RF party suggests that this system be installed and operating coincidental with completion of the Project 1.1-1 Pad. This will depend on cost, availability of funds and efficient work of the contractors.
5. The changes to the FFI - ICC Nuklid draft contract on the delivery of KID-08S dosimeters will be sent by ICC Nuklid to FFI by 1 September 2001.

NEXT MEETING

The next 1.5-1 Project Officers meeting will be held in Moscow when the equipment for Polyarninsky SRZ has been purchased or at RTP Atomflot, Murmansk when the design for installation of Picasso at the Pad site is completed.

For Russian Ministry of Defence

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For US Department of Defense

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