

Contact Expert Group 5-8 September 2007, Bruges

**NDEP Nuclear Window - achievements and
current state of activities**



www.ebrd.com

Development

- NDEP overview
- Strategic Master Plan Phase II
- Urgent projects
- Building No 5 and Lepse
- New projects



www.ebrd.com

NDEP Nuclear Window overview

- The Northern Dimension Environmental Partnership (NDEP) Fund is a multilateral initiative launched in 2002 aiming at environmental remediation in North-West Russia;
- The Nuclear Window of the Fund gathers € 150 million of pledge; € 19.1 million signed Grant Agreement;
- Approx. € 30 million for Building No 5 and € 45 million for Lepse will be added;
- EBRD acts as the administrator of the Fund, under the supervision of the Assembly of Contributors and the Nuclear Operating Committee for the Nuclear Window;
- Projects to be funded by the Nuclear Window are intended to complement national and bilateral programmes.



www.ebrd.com

Strategic Master Plan-phase II

- After a first phase identifying the status of the problems in North West Russia, phase II is intended to provide a consistent strategy for nuclear waste, spent fuel management as well as remediation of territories and bottlenecks to provide a framework to the Russian Federation and guidance to Donors in their future projects;
- Grant Agreement for € 7 million signed with Rosatom in August 2005;
- Contract between Rosatom and FESPE concluded in December 2005. An international Consultant assists high level Russian experts in completing this task - contract signed in June 2006 with Fluor-BNG;
- Final version is due in September 2007, SMP will remain a living documents as implementation progresses



www.ebrd.com

Urgent Projects: Overview

- One Grant Agreement with Sevrao for € 7 million signed in August 2005 - dedicated to Gremikha remediation - 4 subsequent projects;
- One Grant Agreement with the Murmansk Region for € 5.1 million signed in August 2005- for enhancement of the radiation monitoring and emergency response system.



www.ebrd.com

Urgent Project No 1

- Creation of safe conditions for storage and unloading of SNF ("Alpha" class nuclear submarine) in Gremikha;
- Contract between FSUE SevRAO and FSUE NIKIET;
- On schedule. Completion expected in January 2008;
- Additional scope of work has been recently proposed and is being examined by the Bank.



www.ebrd.com

Urgent Projects No 2+3

- Feasibility Studies for Removal of SNF and RW from the Open Storage Area and Making Provisions for Safe Storage of WWR SNF in Existing Storage Facilities in Gremikha;
- Contract between FSUE SevRAO and RRC Centre Kurchatov Institute, FSUE VNIPIET and other contractors;
- Work has been affected by the change of strategy of Rosatom for Gremikha. Further discussions are planned with SevRAO in September to change the scope of work and the completion date, originally expected in December 2007.



www.ebrd.com

Urgent Project No 4

- Improvement of Physical Protection in Gremikha;
- Contract between FSUE SevRAO and FSUE ELERON;
- Completed - testing period underway;
- Review by international expert from SKI will take place end of September.



www.ebrd.com

Urgent Project No 5

- Enhancement of Radiation Monitoring and Emergency Response System in Murmansk Region;
- Contract between the Government of Murmansk Region and Energy Safety Analysis Centre of IBRAE;
- Work on schedule, completion expected December 2007;
- Comprehensive exercise and testing will take place in October 2007; IAEA will conduct an emergency review preparedness also in October 2007.



www.ebrd.com

Decommissioning Building No 5

- Building No 5 is a highly contaminated building in Andreeva Bay –former storage of spent fuel which has been abandoned in the 1980s following leaks in pools;
- NDEP has been requested to fund the decommissioning project and Donors have accepted in June 2006 ;
- Approval of the draft Grant Agreement with Sevrao -€ 2.3 million for the initial stage- by the Assembly of Contributors on 29 May 2007;
- Initial funding essentially to implement an optioneering study and urgent works preventing further degradation of the building.



www.ebrd.com

Lepse

- The Tacis funded feasibility study is on-going. Completion expected in September 2007;
- Discussions on the project structure and procurement approach have started between the Bank, the Expert Panel and Rosatom;
- The Grant Recipient will be the Murmansk Shipping Company;
- The Bank is planning further discussions on the Grant Agreement in the coming weeks.



www.ebrd.com

New projects

- Zvezdochka storage facility; investigations are underway in the light of SMP-2;
- Arkhangel'sk Region enhancement of the radiation monitoring and the emergency response system; discussions are underway with IBRAE to present this project at the next NOC meeting; IAEA review will be a valuable input to this project;
- NDEP has been also requested to fund handling of spent fuel in Andreeva Bay and possibly in Gremikha; a decommissioning project involving 31 of the 100 multi-compartment reactor units stored on the floating interim storage facility in Saida Bay has just been presented;
- A new downsized project of the decommissioning of the Papa Class submarine might be made ; it was initially rejected by the Donors but is still a Russian priority;
- In summary the pipeline of new projects is significant and the NOC will have to fix priorities before year end in light of SMP-II.



www.ebrd.com