

On progress in preparation of FTB Lapse for dismantlement

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Stages of dismantlement Phase 1:

- **Development of detail design (working design documentation).**
- **Normalization of radiation situation at Lepse SNF stores**
- **Preparation of a special auxiliary infrastructure at FSUE SRY Nerpa for activities on board of FTB Lepse**
- **Preparation for towing and towing (or transportation in dock) of FTB Lepse to FSUE SRY Nerpa and installing FT onto an open staple.**
- **Dismantlement of hull structures and equipment of FTB Lepse**
- **Designing and construction of an annex to SNF storage facility (building 5) at FSUE Atomflot**
- **Purchase of equipment**

Stages of dismantlement Phase 2

- **SNF retrieval from FTB Lapse storage facility**
- **Loading of SFAs and cans with SFA to transport casks TK-18 or dual-purposed casks TUK-120**
- **Transportation of TK from FSUE SRY Nerpa to FSUE Mayak or putting in interim storage in the annex to building 5 SNF cask storage facility at FSUE Atomflot.**
- **Processing of LRW and SRW, making the SNF facility on board of FTB Lapse monolith by special concrete mixes.**
- **Formation of two special large-size blocks-packages (SNF store compartment and LRW store stern compartment).**
- **Transportation of these SRW packages to the long-term storage facility (Saida) and putting them in long-term storage.**

Progress

- **In June the Grant Agreement (GIA 005) on dismantlement of the floating technical base (FTB) Lapse was signed**
- **GIA came into force on 14 August 2008 (PMG was established, permissions required for commencement of work were granted)**
- **Working meeting with EBRR was held**
 - **Procurement plan was prepared – 12.09.2008**
 - **Technical assignment on selection of International Consultant was prepared – 16.09.2008**

Work program under Grant Implementing Agreement 005

№	Task	Time
0	Preparatory stage	$T_0 + 4$ months
1	Management	$T_0 + 36$ months
2	International support to management	$T_2 + 32$ months
3	Preparation and coordination of detail design, working and organizational documentation	$T_4 + 19$ months
4	<u>Normalization of radiation situation in SNF storage facilities on board of FTB Lapse "</u>	$T_4 + 6$ months
5	<u>Preparation of FTB Lapse for transfer to FSUE Nerpa</u>	$T_{10} + 9$ months
6	<u>Purchase, manufacturing and supply of equipment and technical means</u>	$T_{15} + 17$ months
7	<u>Designing and construction of the annex to building 5 at FSUE Atomflot</u>	$T_{11} + 25$ months
8	<u>Transfer of FTB Lapse to FSUE Nerpa</u>	$T_{19} + 1$ month
9	Preparation of infrastructure at FSUE SRY Nerpa	$T_{12} + 15$ months
10	Preparation of Lapse for dismantlement at SRY Nerpa	$T_{20} + 7$ months

Procurement schedule

#	Procurement	Task
1	Procurement 1- International support to project management Procurement type – open competition (for foreign participants only)	<u>Task 2. International support to management</u>
2	Procurement 2 - preparation and coordination of detail design, working and organizational documentation Procurement type– open competition	<u>Task 3: Preparation of detail design, working and organizational documentation</u>
3	Procurement 3 Procurement type – one-bidder-tender (FSUE Atomflot)	<u>Task 4. Normalization of radiation situation in SNF storage facilities on board of FTB Lapse</u> <u>Task 5. Preparation of FTB Lapse for transfer to FSUE Nerpa</u> <u>Task 8. Transfer of FTB Lapse to FSUE Nerpa</u>
4	Procurement 4 Procurement type– one-bidder-tender (FSUE SRY Nerpa)	<u>Task 9. Preparation of infrastructure at FSUE SRY Nerpa</u> <u>Task 10. Preparation of FTB Lapse for dismantlement at FSUE SRY Nerpa</u>
5	Procurement 5 Procurement type– open competition	<u>Task 6. Purchase, manufacturing and supply of equipment and technical means for provision of works performed at SRY Nerpa</u>
6	Procurement 6 Procurement type– open competition	<u>Task 7. Designing and construction of the annex to building 5 at FSUE Atomflot</u>

Start of competition to select a contractor

Scheduler of procurements' tenders implementation according EBRD rules

Contract with contractor is in place

1.10.2008

Procurement 1 International support

1.02.2009

15.02.2008

Procurement 2 Preparation of detail design, WDD and organizational documentation

1.07.2009

15.02.2008

Procurement 3 Normalization of radiation situation, Preparation of FTB Lepse and Transfer of FTB Lepse to FSUE Nerpa
Procurement 4 Preparation of infrastructure at FSUE SRY Nerpa, preparation of FTB Lepse for dismantlement

1.05.2009

15.02.2008

Procurement 5 Purchase, manufacturing and supply of equipment
Procurement 6 Designing and construction of the annex to building 5 at FSUE Atomflot

1.07.2009

Procurement 1 – International support to management

- **Technical assistance;**
- **Independent analysis and coordination of work under project;**
- **Follow-on of purchases;**
- **Planning and monitoring of costs;**
- **Development of technical assignments for other purchases;**
- **Introduction of international experience;**
- **Observation of international standards, procedures and quality of work;**
- **Acceptance of works;**
- **Coordination**

Procurement 2 – preparation of detail design, working and organizational documentation

Development of a list of required documents and schedule of their preparation;

- **Development of design, working and organizational documentation required by Russian Law for implementation of the project;**
- **Revision of concept used in preparation of a set of DOD to meet recommendations of the Lapse Expert Group.**

Coordination of activities of SC Rosatom

12 September 2008 meeting at the office of Deputy General Director of SC Rosatom on the Lepse project with participation of Russian parties concerned

Participants: DOYaTVE, FSUE FCNRS, FSUE Atomflot, IBRAE RAN

Decisions:

- 1. Organize a working group to develop time schedule**
- 2. Prepare general time schedule of implementation of Lepse dismantlement (work breakdown structure) including works under FTP for 2009-2015.**

Critical path:

- 1. FTB Lapse docking to carry out verification of vessel registration class
Period -January-February 2009.**
- 2. Normalization of radiation situation in SNF storage facilities on board of Lapse (July 2009)**
- 3. Preparation of vessel for transportation to SRY Nerpa (August 2009)**