

# Dismantlement of nuclear service ships and surface vessels with nuclear power installations

CEG Workshop

24-26 May 2005

Murmansk, Russia

## Tuesday 24 May 2005

Begin	End	Session / Title	Name
0830hrs	0900hrs	Registration	
0900hrs	0940hrs	Welcome	<i>Mr. Alan Heyes, CEG Chairman Mr. Sergey Antipov, Rosatom, Russia Mr. Alexander Ruzankin, Murmansk Region Administration, Russia</i>
<b>0940hrs</b>	<b>1030hrs</b>	<b>Session 1: Main Tasks and Issues</b>	
0940hrs	1010hrs	Decommissioning and dismantlement of surface vessels with nuclear power installations (NPI) and nuclear service ships (NSS). Main tasks and problems	<i>Mr. Vladimir Shishkin, NIKIET, Russia</i>
1010hrs	1030hrs	Proposals of the Strategic Master Plan on dismantlement of surface vessels with NPI and NSS	<i>Mr. Pavel Shvedov IBRAE, Russia</i>
<b>1030hrs</b>	<b>1100hrs</b>	<b>Coffee</b>	
<b>1100hrs</b>	<b>1230hrs</b>	<b>Session 2: Dismantlement of Surface Vessels with Nuclear Power Installations</b>	
1100hrs	1130hrs	Main design and engineering solutions on dismantling surface vessels and on SNF and RW management	<i>Mr. Nikolay Kalistratov Zvezdochka shipyard, Russia</i>
1130hrs	1200hrs	Differences between dismantling Admiral Ushakov Class vessel compared with that for nuclear powered submarines (NPS)	<i>Mr. Vladimir Nikitin Onega NIPTB, Russia</i>
1200hrs	1230hrs	Specifics of dismantlement of the Ural Class surface vessel with NPI	<i>Mr. Viktor Anitropov TsNIITS, Russia</i>
<b>1230hrs</b>	<b>1400hrs</b>	<b>Lunch</b>	
<b>1400hrs</b>	<b>1700hrs</b>	<b>Session 3: Dismantlement of Nuclear Service Ships</b>	
1400hrs	1430hrs	Main engineering solutions on dismantlement of NSS retired from the Navy and on management of radioactive waste (RW)	<i>Mr. Evgeny Ibragimov TsNIITS, Russia</i>
1430hrs	1500hrs	Improvement of radiation environment during preparation of NSS retired from the Navy for the long-term storage afloat	<i>Mr. Nikolay Sorokin Aspect, Russia</i>
1500hrs	1530hrs	Industrial infrastructure for NSS dismantlement	<i>Mr. Nikolay Gontsaryk NIKIET, Russia</i>

<b>Begin</b>	<b>End</b>	<b>Session / Title</b>	<b>Name</b>
1530hrs	1600hrs	Tea	
1600hrs	1630hrs	Treatment of radioactive waste generated during dismantlement activities	<i>Mr. Christian Deregél IRSN, France</i>
1630hrs	1700hrs	Experience on SNF unloading from floating technical bases of 326 Project of the Pacific Fleet and on RW management	<i>Mr. V. Bulygin Ecoatom, Russia</i>
2000hrs	2300hrs	Official Dinner	

### Wednesday 25 May 2005

<b>Begin</b>	<b>End</b>	<b>Session / Title</b>	<b>Name</b>
<b>0900hrs</b>	<b>1230hrs</b>	<b>Session 3: Dismantlement of Nuclear Service Ships - continued</b>	
0900hrs	0930hrs	Comprehensive dismantlement of the Lapse technical floating base	<i>Mr. Mustafa Kashka Murmansk Shipping Co., Russia</i>
0930hrs	0950hrs	Lapse Project: Engineering solutions for SNF retrieval and management	<i>Mr. Bernard Tigoulet SGN, France</i>
0950hrs	1010hrs	Regulatory Lapse project	<i>Ms. Malgorzata Sneve, NRPA, Norway</i>
1010hrs	1030hrs	Regulatory basis for safe discharge of SFA from the storage facility of the FTB "Lapse"	<i>Mr. Anatoly Shulgin, SEC NRS, Russia</i>
1030hrs	1100hrs	Coffee	
1100hrs	1120hrs	Information from the Chairman of the Lapse Steering Committee	<i>Mr. Magnus Rysted NEFCO</i>
1120hrs	1140hrs	International project on dismantlement of the Lapse floating base in Murmansk. Bellona's position.	<i>Mr. Sergey Zavoronkin, Bellona- Murmansk, Russia</i>
1140hrs	1230hrs	General discussion	
1230hrs	1400hrs	Lunch	
<b>1400hrs</b>	<b>1530hrs</b>	<b>Session 4: International Cooperation</b>	
1400hrs	1430hrs	Status of activities on the Sayda Bay project	<i>Mr. Claus Kobus EWN GmbH, Germany</i>
1430hrs	1500hrs	Project proposals for international cooperation in the area of dismantlement of surface vessels with NPI and NSS retired from the Navy	<i>Mr. Vladimir Cherneev Rosatom, Russia</i>
1500hrs	1530hrs	Presentation of the ISTC project proposals	<i>Mr. Vladimir Nikitin Onega NIPTB, Russia</i>
1530hrs	1600hrs	Tea	
1600hrs	1700hrs	Round table discussion	<i>Chairman Heads of delegations</i>
1700hrs	1715hrs	Summing up	<i>Chairman</i>
1730hrs	1800hrs	Briefing with NGO and media representatives	<i>Chairman Head of the Russian</i>

**Thursday 26 May 2005**

<b>Begin</b>	<b>End</b>	<b>Session/title</b>	<b>Name</b>
<b>0800hrs</b>	<b>2200hrs</b>	<b><i>Visit to the Nerpa Shipyard</i></b>	
1000hrs	0800hrs 1030hrs	Departure from the hotel Introduction of the shipyard	<i>Mr. Oleg Erin Nerpa shipyard, Russia</i>
<b>1030hrs</b>	<b>1100hrs</b>	<b><i>Coffee</i></b>	
1100hrs	1300hrs	Tour to the Nerpa shipyard	<i>Nerpa personnel</i>
1300hrs	1430hrs	Tour to the Sayda Bay storage facility	<i>Nerpa personnel</i>
<b>1430hrs</b>	<b>1530hrs</b>	<b><i>Lunch</i></b>	
1530hrs	1600hrs	Main aspects of preparation for the long-term storage and maintenance of reactor compartments of dismantled NPSs	<i>Mr. Oleg Gladkih, Nerpa shipyard, Russia</i>
1600hrs	1630hrs	Management flowchart for radioactive and toxic waste generated from dismantlement of NPS and NSS at the Nerpa shipyard. Provision of radiation and environmental safety.	<i>Mr. Georgy Neyman Nerpa shipyard, Russia</i>
1630hrs	1700hrs	Environmental Impact Assessment of the Nerpa shipyard industrial complex and elaboration of proposals for improvement of SNF and RW management flow chart and improvement of the enterprise environmental safety	<i>Mr. Vladimir Nikitin Onega NIPTB, Russia</i>
1700hrs	1800hrs	Conclusions and recommendations	<i>Chairman Heads of delegations</i>
<b>1830hrs</b>	<b>2030hrs</b>	<b><i>Dinner</i></b>	
2030hrs	2200hrs	Return to the hotel	