

BREAKOUT SESSION

September 13 (Wednesday)

Section “Strengthening the Nuclear Non-Proliferation Regime”

Morning session (9:00–12:20)

Conference hall of “Mayak” hotel

Chairpersons: S. Berezin (Kazakhstan), A. Ossintsev (Kazakhstan)

1	30th ANNIVERSARY OF THE INSTITUTE OF GEOPHYSICAL RESEARCH. ESTABLISHMENT STAGES AND PROSPECTS FOR FURTHER DEVELOPMENT <i>S.A. Berezin (Kazakhstan, NNC RK)</i>	09:00–09:15
2	SECURING THE “EXPERIMENTAL FIELD” TEST LOCATION <i>A.Yu. Osintsev (Kazakhstan, NNC RK)</i>	09:15–09:30
3	UTILIZATION OF GEOPHYSICAL STATIONS OF THE NATIONAL NUCLEAR CENTER FOR THE GLOBAL MONITORING OF NUCLEAR TESTS AND REGIONAL SEISMIC EVENTS <i>P.Yu. Krivtsov (Kazakhstan, branch IGR NNC RK)</i>	09:30–9:45
4	DEVELOPMENT OF THE NATIONAL NUCLEAR FORENSICS LIBRARY IN THE REPUBLIC OF KAZAKHSTAN AS A SYSTEM FOR THE IDENTIFICATION OF NUCLEAR AND OTHER RADIOACTIVE MATERIALS <i>A. Sysaletin (Kazakhstan, NNC RK)</i>	09:45–10:00
5	INTERNATIONAL EXPERIENCE OF THE GEOPHYSICAL STUDY OF DEEPLY DISPOSED RADIOACTIVE WASTE <i>U.A. Igibayev (Kazakhstan, branch IGR NNC RK)</i>	10:00–10:15

6	IMPLEMENTATION OF THE NSDL SYSTEM TO AUTOMATICALLY PROCESS DATA FROM FIELD SEISMIC STATIONS WITHIN STS <i>A.S. Mukambayev (Kazakhstan, branch IGR NNC RK)</i>	10:15–10:30
7	RESULTS OF THE SCIENTIFIC RESEARCH WORK TO JUSTIFY THE IMMOBILIZATION TECHNOLOGY OF IRRADIATED FUEL <i>O.S. Bukina (Kazakhstan, branch IAE NNC RK)</i>	10:30–10:45
8	ASSESSMENT OF THE APPLICABILITY OF MEMBRANE TECHNOLOGIES TO PURIFY WASTE PROCESS SOLUTIONS CONTAINING RADIONUCLIDES <i>M.A. Podoinikov (Kazakhstan, JSC “Ulba Ironworks”)</i>	10:45–11:00
–	<i>Coffee break</i>	11:00–11:20
9	THERMAL ANOMALY IN THE VICINITY OF STS AND ITS POSSIBLE NATURE FROM THE STUDY OF SATELLITE IMAGES <i>A.Ye. Velikanov (Kazakhstan, branch IGR NNC RK)</i>	11:20–11:35
10	TECHNOLOGY OF DILUTION AND IMMOBILIZATION OF IRRADIATED IGR GRAPHITE FUEL <i>Yu.Yu. Baklanova (Kazakhstan, branch IAE NNC RK)</i>	11:35–11:50
11	ENVIRONMENTAL ZONING OF BALAPAN SITE GIVEN THE DEVELOPMENT OF POSTEXPLOSIVE GEOLOGICAL PROCESSES <i>I.O. Marchenko (Kazakhstan, branch IGR NNC RK)</i>	11:50–12:05
12	CONVERSION OF A RESEARCH REACTOR IVG.1M TO LOW ENRICHED URANIUM (LEU) FUEL <i>I.K. Derbyshev (Kazakhstan, branch IAE NNC RK)</i>	12:05–12:20
	<i>Lunch</i>	12:20–14:00