

United Kingdom Global Threat Reduction Programme: Russia 2009

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The UK's Global Threat Reduction Programme (GTRP)

- UK's largest cooperative counter-proliferation assistance programme
- Delivers UK contribution to the G8 Global Partnership established at Kananaskis in 2002
- FCO holds the policy lead, DECC delivers the nuclear and radiological portfolio (~90%) and MOD the chemical and biological programmes
- Estimated UK expenditure in 2009 on nuclear and radiological projects in NW Russia (excluding CNCP and Nuclear Security) £13M

UK Global Threat Reduction Programme



Andreeva Bay



- Derelict former Russian Navy site, 40kms from Norwegian border
- 22,000 Spent Nuclear Fuel assemblies stored (~30 tonnes, ~20% of which is U 235)
- UK has wide portfolio of projects at Andreeva Bay
- UK GTRP 2009 funding (£5.5M) installation of protective biological shielding over the 3 Dry Storage Units.
- Successful installation of shielding over DSU 2B has reduced dose rate by 90%.
- DSU 2A shielding expected completion by end of 2009.
- Work started on Maintenance building (154)
- Testing laboratory (150) now almost completely fitted out.



Submarine Dismantlement



- Joint UK/Norway £3.982m funded project to dismantle a November Class submarine No 291 at Nerpa Shipyard successfully completed.
- The One-Reactor Compartment Unit (RC) now rests at Saida Bay for long term storage.



Interim Storage Facility - Atomflot



- 11 of the 50 TUK licensed storage casks have been filled with SNF transferred from the ship 'Lotta' and placed into a physically secure storage facility at the Atomflot site.
- Interim SNF secure store and storage casks were funded by the UK GTRP (£21M).
- Monitoring contract in place



Closed Nuclear Cities/Centres Partnership (CNCP)



- Promoting alternative, self-sustaining, non-weapons-related employment for weapons workers
- Facilitating the commercialisation process of 6 closed nuclear cities in Russia
- Further information is available at www.cncp.ru.



Nuclear Security Programme



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- UK GTRP Nuclear Security Programme is supporting work to improve and sustain the security of nuclear materials at Atomflot and six other sites in Russia.
 - Assistance provided both for upgrades to physical protective security, and for personnel training to strengthen security procedures and culture, in line with national and international standards as recognised by the IAEA.

Challenges ahead

- Completing existing programmes in Russia
- Evaluating impact—to demonstrate value for money and secure ongoing funding
- Managing expectation and demonstrating impact
- Widening scope
- Staying focussed on highest threats

Annual report 2008 available at:

http://decc.gov.uk/en/content/cms/what_we_do/uk_supply/energy_mix/nuclear/nonprolif/global_threat/annual_report/annual_report.aspx