



*Norway's Action Plan on Nuclear Safety
in North-West Russia:*

Experiences and Status

*Robert Kvile
Deputy Director General*

Geographical proximity = Norwegian concern



Radioisotope Thermoelectric Generators (RTGs)

- Used in lighthouses, beacons, remote places
- Prone to theft, environmental contamination, proliferation
- Rus-No MoU 2005: Remove all 180 RTGs along the Russian Barents Sea coastline to the northern tip of Novaya Zemlja
- Replace them with solar panels
- Programme completion planned for 2009
- Work on schedule: in 2007 we reach 153 RTGs



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The Andreyev Bay – former naval service base



- Norway engaged since 1997.
- Reconstruction of infrastructure, physical protection (fence)
- Donor countries cooperate through The Andreyev Bay Co-ordination Group
- 2006-2007: Repair of quay



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Nuclear Submarine Dismantlement

- 120 nuclear submarines taken out of service in the Russian North-West
- Norway has financed dismantlement of four Victor class subs.
- Russian goal to dismantle all decommissioned subs by 2010 within sight



Triple section of sub 627 at Zvezdochka



Defuelling of sub 297 at Nerpa



Sub 609 at Nerpa

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Fifth and probably last dismantlement: Sub 291

Sub 291,
first generation
multi-purpose sub

Safe transportation
project through AMEC
in 2006, financed by
Norway (€ 3 mln),
technical cooperation
with UK

2007-2008:
UK-Norwegian
dismantlement project
within GP framework



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Lessons learned:

- Not irrelevant how projects are carried out – strong focus on Environmental Impact Assessments (EIA) with focus on all health, environment and security risks.
- Professional project management with extensive regional knowledge is equally key to successful implementation.
- We have made good experience with piggy-backing with France, Canada, UK and Republic of Korea.
- Cooperation between Norway's and Russia's regulatory authorities is key to successful bilateral project implementation.
- International coordination under Russian leadership is vital to good progress, but Russian leadership would benefit from stronger aggregated, communicated and authoritative planning.
- Norway emphasises broad regulatory cooperation involving all relevant Russian and Norwegian authorities as framework for project implementation and close donor community cooperation and coordination.

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International coordination and cooperation is key!



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Status and way ahead:

- Total allocations since 1995 app. USD 200 million.
- Global Partnership pledge: € 100 million. By end of 2007, Norway will have implemented projects totalling € 63 million under the GP.
- No plans for further engagement in submarines beyond 2008
- 180 RTGs in our MoU-area finished during 2009.
- Current priorities partly completed next two years.
- Our Action Plan under revision this year.
- Norway will continue focus on Russia's Northwest, with the Andreyev Bay remaining a priority area.
- New priorities or redirect funds to other priority areas of Norway – Russia bilateral cooperation in the North?