



## Akademik Lomonosov

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Akademik Lomonosov, a **Russian ship** that has **floating nuclear units**, started its first journey from the Russian port of Murmansk to the arctic town of Pevek despite **opposition from environmental groups**.

- It is the world's only floating power unit and the world's northernmost nuclear installation.
- Significance of a **floating nuclear plant**.
  - It is suited for powering remote areas and island states that require stable, green sources of energy.
  - It will power the extraction of natural resources in the Arctic region.
  - The portable nuclear plants will help to reduce emissions of carbon dioxide, thus help in mitigating climate change.
  - China and the US are also working on sea-based nuclear power plants, and France has explored the possibility.
- However, the environmental group Greenpeace has called the plan "**Chernobyl on Ice**".

**Chernobyl accident is the 1986 nuclear power plant meltdown in erstwhile USSR**, which released large levels of nuclear radiation into the atmosphere, forced thousands to flee their homes and sparked long-term fears of health and environmental repercussions.

**Source: BBC**