Prospects for Uranium Mining in Greenland: Political and Legal Aspects

Gry Thomasen
The Kingdom of Denmark

Denmark

The Faroe Islands

Greenland
Greenland Uranium

Kvanefjeld

- REE 10 million tonnes
- U deposit 260,000 tonnes
- Average 350ppm
Constitutional issues

2009 Act on Greenland Self-Government

- Raw materials (GL)
- Foreign, security & defense policy (DK)
- Immigration (DK)

2013 lift of moratorium on U in Greenland
Competencies:

- U governance GL competency?
Kingdom Issues

• REE governance GL competency?

Large-Scale Projects Act June 11, 2014

• Explanatory note: REE raises questions about foreign, defense and security policy issues. Therefore granting work permits to workers in REE mining projects is dependent on DK & GL agree to mutual exchange of information on each individual project.
<table>
<thead>
<tr>
<th><strong>Denmark</strong></th>
<th><strong>Greenland</strong></th>
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<tbody>
<tr>
<td>EU (euratom, ESA)</td>
<td>OCT status (EU)</td>
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<tr>
<td>Export controls</td>
<td>Joint System (in process)</td>
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<tr>
<td>NSG/Zangger</td>
<td>Yes</td>
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<tr>
<td>Convention on Assistance in Case of a Nuclear Accident or Radiological Emergency</td>
<td>In Process</td>
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<tr>
<td>Convention on Nuclear Safety</td>
<td>In Process</td>
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<tr>
<td>International Convention for the Suppression of Acts of Nuclear Terrorism</td>
<td>In Process</td>
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<tr>
<td>Joint Convention on the Safety of Spent Fuel Management</td>
<td>In Process</td>
</tr>
<tr>
<td>Convention on the Physical Protection of Nuclear Material and 2005 Amendment</td>
<td>Yes, but not amendment</td>
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Front End Challenges

• Limited international rules and guidance
  – IAEA safeguards not apply to ore and ore residue
  – CSA Reporting imports/exports of uranium for nuclear purposes
  – Additional Protocol
    • reporting of # of mines, concentration, production output and potential
    • Unconventional resources for non-nuclear purposes
Responses

• Copenhagen and Nuuk will have to develop shared authorities and a clear legislative system of controls and enforcement

• Dependent on clarification of competencies

• Dependent on a clear policy & Institutional memory
DIIS is leading a global project focusing on the governance of the production and trade of natural uranium.

Country Reports from 16 countries including China, France and Russia.

diis.dk Governing Uranium