



Water Resources Division
Nunavut Regional Office
Iqaluit, NU X0A 0H0

May 20, 2011

Phyllis Beaulieu
Manager of Licensing
Nunavut Water Board
PO Box 119
Gjoa Haven, NU X0A 1J0

**Re: 2BE-KIG0812 – Kiggavik Exploration License – Areva Resources
Canada Inc. – Application for Amendment**

Please be advised that Indian and Northern Affairs Canada (INAC) has completed a review of the above noted water license amendment application.

The Nunavut Water Board (NWB) distributed the application for comment on April 21, 2011.

In conducting this review, I have referred to all documents on the Nunavut Water Board FTP site as it relates to 2BE-KIG. Attached is a Technical Review Memorandum for your consideration.

Please feel free to contact me should you have any questions or comments. I can be reached at (867) 975-4566 or by email at tanya.trenholm@inac.gc.ca.

Sincerely,

Original signed by

Tanya Trenholm
Pollution Policy Specialist



Technical Review Memorandum

To: Phyllis Beaulieu, Manager of Licensing - Nunavut Water Board

From: Tanya Trenholm, Pollution Policy Specialist - Indian and Northern Affairs
Canada – Water Resources Division

**Re: 2BE-KIG0812 – Kiggavik Exploration License – Areva Resources
Canada Inc. – Application for Amendment**

Recommendations / Comments

Amendment request for exemption to Part F, Item 3 (drilling within 30 metres of the ordinary high water mark):

INAC has no concerns with an approval of an amendment to allow drilling within 30 meters of the ordinary high water mark in the Andrew Lake and Mushroom Lake areas, so long as the environmental protection measures, drill water and cuttings management, water analysis, and abandonment and restoration are carried out in accordance with the plan submitted as submitted by Areva in the application for amendment.

Amendment to Part F, Item 6 (Drilling during artesian flow):

INAC suggests that water encountered from artesian flow be analyzed to confirm the age of the water (i.e pre-glacial vs. regional, recent flow) and the water quality including salt and metal contents. These analyses will help improve the understanding of the source of the water and prevent potential complications which may arise should the source be confirmed to be regional flow (i.e. draining of connecting lakes, aquifers, potential ground water contamination, etc) and release of poor quality water to the surface.

INAC looks forward to collaborating and communicating with the Nunavut Water Board and Areva on this subject.

Please feel free to contact me at your convenience should you wish to further discuss any part of this submission to the Board. I can be reached at 867-975-4566 or via email, tanya.trenholm@inac.gc.ca.

Cc. Jim Rogers, Manager, Water Resources Division – Indian and Northern
Affairs Canada;



Indian and Northern
Affairs Canada

Affaires indiennes
et du Nord Canada