



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

December 11, 2009

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

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

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

The Nunavut Water Board (NWB) distributed the notification for comment on November 23, 2009.

In conducting this review, I have referred to all documents on the Nunavut Water Board FTP site as it relates to 2BE-KIG0812. 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: **Amendment Application – Areva Resources Canada Inc. – Kiggavik Project**

Existing Water Licence # 2BE-KIG0812

Background Information:

Areva Resources Canada Inc. submitted an application for amendment to the NWB on October 9, 2009. The purpose of the amendment was to obtain approval for on-ice drilling.

Areva has requested to drill 10 - 12 geotechnical holes at the proposed Thelon River crossing, as identified in the Kiggavik Project Proposal. Eight of the 10 - 12 holes will be drilled on-ice.

Recommendations / Comments:

The Water Resources Division of Indian and Northern Affairs Canada has no objections to an approval of Areva's requested amendment for on-ice drilling, provided that the updated environmental management plans (such as spill plan, abandonment and restoration plan, waste management plan, etc) as updated and submitted to the NWB by Areva are adhered to.

Further, INAC recommends that should on-ice drilling be permitted at the proposed bridge site, sampling for the purpose of collecting a full suite of water chemistry data should be carried out in concert with drilling activities, and occur "about 12.4 km downstream of the proposed bridge location". This site was referenced in the supplemental information and summaries. The results of the sampling should be provided to the NWB with the annual report.

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. Ian Rumbolt, Interim Manager, Water Resources Division – Indian and Northern Affairs Canada