



February 14, 2007

File: NUN 1560-01

Mr. Joe Murdock
Director of Technical Services
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU X0B 1J0

Dear Mr. Murdock:

Re: Application For Water License – Request for Additional Information

This is in response to your email of December 26, 2006 requesting additional information. Your questions are listed with our responses to them.

1. **Q10** in the Water Licence application lists "*AREVA's Environmental Code of Practice and Safety Code of Practice*". Could you please provide a copy of these documents so they may be included in your application?

Response: The two requested documents are attached.

2. **Q13** in the Water Licence application references an environmental baseline program and an environmental assessment report. Can you please provide a copy of these documents so they may be included in your application?

Response: The reference is for the environmental baseline program that was carried out in support of the 1990-91 environmental assessment for the Kiggavik Project. We believe the baseline work is still relevant but much of the environmental assessment work may not be relevant since it applies to a specific project that is no longer proposed. Attached is a listing of the available documents. The environmental baseline documents were included in PDF format with the NIRB Screening submission. A copy of the package was sent to you. Let me know if the information provided will suffice.

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3. **Q9, Q10, and Q35** in the Supplemental Questionnaire - Consultation with agencies, groups and the community will take place in determining the Sissons camp location. Can you please briefly build upon how and when this will take place.

Response: If we determine that the location of the camp should be moved to a suitable location near the Sissons deposits, we would discuss the potential relocation with the Community Liaison Committee, which includes representation from the Hunters and Trappers Organization, Elders, Education Authority, Hamlet, Health Committee, Justice Committee and other groups in Baker Lake. Based on the recommendations of the committee, we may discuss the relocation with other groups in Baker Lake. We would contact the KIA, NWB, NIRB and INAC in writing making the necessary amendments to any existing permits and licenses. Since the camp would have to be moved during the winter, these discussions would take place during the summer or fall of 2007 for a move during the winter of 2007/2008.

4. **Q19** in the Supplemental Questionnaire - Can AREVA please outline, through appropriate delineation on a site map, where the fenced compound at the Kiggavik Site is located. Also can AREVA please describe how materials will be identified as radioactive ($>1 \mu\text{Sv/h}$ @ 1m), such as procedures in place and sampling protocol for the application record.

Response: Figure 6 of the application has been revised (Rev 2) to include the location of the fenced compound. Figure 6 rev 2 was included with the screening application and is attached here. The materials would be identified by radiation readings taken on cores and cuttings according to radiation protection procedures. A Radiation Protection Procedures Manual will apply to the work onsite. It will include gamma radiation readings, area monitoring, and dose planning and monitoring. This is standard AREVA practice to ensure workers and the environment are protected from radioactivity encountered during the work.

5. **Q20** in the Supplemental Questionnaire states that the drill water will be run through a series of settling tanks. For the application record what will be done with the waste obtained after settling?

Response: Solid waste will be managed as drill cuttings with radioactive materials stored in IP3 sample pails in the fenced compound. After solids settle, the liquid is discharged to the ground.

6. **Q26** in the Supplemental Questionnaire states "Fuel will be stored on-site within suitable berms.". The NWB requests particulars related to the suitable berms (installation, construction discussion, photographic record). Are these constructed berms or pre-fab brought to site? Will a geomembrane or GCL provide secondary containment (this was mentioned in the Spill

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Contingency Plan)? Can you please provide sufficient detail into how this will be installed to ensure against puncture and provide containment.

Response: We plan to purchase pre-fab berms such as Insta-berms which are designed to be used as secondary containments in arctic conditions. They are made of polymer coated polyester fabric. We plan to select locations least likely to puncture the material, to prepare the site by moving snow, and to further reduce the likelihood of damage to the fabric by using planks to hold the drums. The fuel containment will be subject to daily documented inspections during the time the site is occupied.

7. **Q27** in the Supplemental Questionnaire - How many drills will be in operation per day? What is the total amount of water required for drilling each day? 35 cubic metres?

Response: For 2007 we plan to operate a maximum of 2 drill rigs - one drill rig has been secured and we are looking for a second drill rig. For 2008, there may be 2 to 4 drill rigs. The drilling contractor estimates 9 m³/day per drill rig.

8. From your application it is understood that inert, bulky items, scrap metals, empty barrels, and waste oil/haz waste will be removed from site and sent to Baker Lake. Can you please provide a letter of agreement from the Hamlet of Baker Lake outlining what waste they are willing to accept and that AREVA will be able to dispose of these wastes through the municipal facilities.

Response: The attached letter from the Hamlet of Baker Lake outlines conditions for acceptance of project waste at the Baker Lake Landfill. Waste oil and hazardous waste will be managed at facilities approved to manage such waste. There is a company in Baker Lake that manages waste oil.

Yours truly,

A handwritten signature in blue ink, appearing to read 'Barry McCallum'.

FOR Barry McCallum
Manager Nunavut Affairs

Attachment