

KIGGAVIK PROJECT

Project Proposal

Appendix I

Non-Technical Project Summary

Non-Technical Project Summary (English)

Non-Technical Project Summary (Inuktitut)



Non-Technical Project Description

AREVA Resources Canada Inc. (AREVA) has submitted a Project Proposal and permit applications for the development of the Kiggavik Project (the Project). The Project is located in the Kivalliq region of Nunavut, approximately 80 km west of Baker Lake, where potentially economic uranium deposits have been identified. The Project includes properties on Inuit Owned Land and Crown Land.

The proposed Project would conduct uranium mining and milling activities for approximately 20 years and employ a total of 400 to 600 people. Employees would work a fly-in/fly-out rotational schedule so that only about half of the employees would be on site at a time. Upon completion of activities, the Project site would be closed and reclaimed as close as practical to its natural state. Site closure monitoring would continue until site stability is demonstrated to the satisfaction of regulators and communities.

The Project includes the development of four open pit mines (East Zone, Center Zone, Main Zone and Andrew Lake) and one underground mine (End Grid). The ore would be mined using excavating equipment and then trucked to an ore stockpile. The ore would then be directed to the mill to produce between 2,000 and 4,000 tonnes of uranium concentrate, termed yellowcake, per year. Clean waste rock from the mines would be used as construction material or placed on the land in designated areas. Mineralized waste rock would be temporarily placed on the land during operation and then backfilled in the mined-out open pits after mining is complete. Tailings resulting from the extraction of uranium from the rock would be treated and deposited below ground in mined-out open pits. Water used for milling activities would be recycled as much as possible. Water that is discharged would be treated to meet regulatory discharge limits for protection of the environment.

Reagents, fuel and supplies would be barged to a storage facility near Baker Lake and then transported to Kiggavik via truck on a 90 km access road. An airstrip would be constructed on site for the transport of both employees and materials. The airstrip would also be used to transport drums of uranium concentrate by air to southern Canada. A limited number of concentrate drums may be shipped by barge during the open water season.

The Project would also include construction of an accommodation complex for employees, warehouse and maintenance facilities, fuel tanks, explosives storage, water treatment plants, administration buildings, and haul roads.

AREVA continues to gather baseline environmental data and traditional knowledge in the Project area to improve Project design and to evaluate the potential effects of the Project on the people, environment and wildlife of the Kivalliq. AREVA is a major uranium producer in Canada and is

committed to regulatory compliance and public consultation to ensure that potential environmental effects are minimized and that the Project benefits the people of the region.

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