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research and productivity council
conseil de recherche et de productivité

January 30, 1989

Mr. Kent Morton
Giant Yellowknife Mines Ltd.
P.O. Box 3000
Yellowknife, NWT
X1A 2M2

Dear Kent:

RE: PROPOSED VISIT TO ROCKWELL INTERNATIONAL

I have made contact with Mike Simmons, Rockwell International (303-966-2846), regarding the possibility of Giant Yellowknife and Fenco visiting their site in Rockwell Flats, Colorado.

Their pulse-blowback filtration system manufactured by Mott is presently located in a highly classified area within the plant, although the filter itself is not classified. A visit, therefore, will be very difficult to arrange. Rockwell is under contract with National Defence. They are processing uranium machine chips in a converted paper burner at high temperature to produce uranium oxide at elevated temperatures ($>1000^{\circ}\text{C}$). The off gas is cooled to room temperature and the filtration system is used for particulate removal.

The unit consists of 40 elements with individual blowbacks constructed of inconel 600. The only problem that they have had with the operation of this unit is in the combustion of machine oils which tend to build up on the elements.

Sincerely,

C. Marquis

Ross Gilders
Pilot Plant Manager

/ccm
FAX