



Ottawa, Ontario
K1A 1C8

January 17, 1979

Your file Votre référence

Our file Notre référence

4780-1

Mr. L. Connell
Mill Metallurgist
Giant Yellowknife Mines Ltd.
Yellowknife, N.W.T.
XOE 1HO

Dear Mr. Connell:

Further to our telecon of yesterday I am sending you the following information:

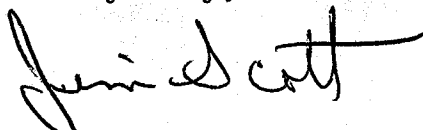
1. "Stepwise Treatment of Aqueous Wastes to Form Solid Silicates" by D. Krofchak. Canadian Patent 1,024,277.

The method described in this patent has been used full scale very successfully in the Hamilton area for about two years. It is applicable to liquid and solid wastes.
2. "Solidification of Solid Wastes", a paper by D. Krofchak which reviews the fundamentals, development and use of Krofchak's method of fixation.
3. An earlier report on some work done at our Wastewater Technology Centre in Burlington on dewatering of carbon plant barren sludge. You may have seen this report already as I gave a copy to either D. Emery or L. Price, I can't recall which one.
4. "Technical Assessment of a Solidification Process for Treating Industrial Liquid Wastes", Dr. R.T. McAndrew, U of T. This report describes the results of lab leaching tests to evaluate the stability of the materials produced using the Krofchak Method.

By the time you receive this letter you will probably have shipped the two samples requested to Mr. D. Krofchak (160 Torbay Road, Markham, Ontario, L3R 1G6). However, just for confirmation the samples are: (1) calcine leach residue filter cake, 15-20 pounds and (2) carbon plant barren slurry, 5 gals. I want to thank both you and Mr. Moore for the prompt shipment of these samples.

Mr. Krofchak is to repeat the solidification testwork by March 31, 1979 at the latest and we will send you a copy of his report at that time.

Yours very truly,



J.S. Scott
Chief
Mining and Metallurgical Programs
Abatement and Compliance Branch
Water Pollution Control Directorate

cc: W. Moore
L. Price
D. Krofchak