

February 11, 1977.

Mr. W. J. Bryant,  
District Manager,  
Environmental Protection Service,  
Environment Canada,  
P.O. Box 2310,  
YELLOWKNIFE, Northwest Territories.

Dear Mr. Bryant:

RE: Giant Stack Emissions

I wish to acknowledge your letter of February 7, 1977 to Mr. Emery, who passed it on to me for reply.

1. Re: The difference in Stack Emissions reported by Mr. Capowski and Giant.

Mr. Capowski has been using the method outlined in Report EPS 1-AP-74-1, February, 1974, "Standard Reference Methods for Source Testing. Measurements of Particulants from Stationary Sources."

Giant has been using the "UP50" method, by Joy Manufacturing Company, which until two or three years ago, was the most widely accepted method in the U.S.A. and Canada.

We have enclosed a copy of this bulletin which describes the instruments, and the method.

2. We received recently from your office a copy of the Clean Air Act, Department of the Environment Arctic Mining Industry Emission Guidelines, Canada Gazette, Part I, July 17, 1976.

It is noted that Section 6, referred to in your letter is concerned with Malfunction or Breakdown - Section 7, Emission Testing, mentions that "emission tests .... should be carried out .... at intervals of not more than eighteen months." Perhaps you have a copy of the regulations that mention the monthly testing, and if so, could you send us one.

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I think that rather than purchasing any new testing equipment at this time that we will engage a private firm to come in and do the tests, since both government and industry results in this matter appear to be suspect.

Yours very truly,  
GIANT YELLOWKNIFE MINES LIMITED

W. A. Moore  
Mine Manager

NAM:jc  
Encl.

c.c. D.J. Emery  
H.E. Pawson