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Yellowknife Division

January 8, 1988

Dept. of Renewable Resources,
Government of the N.W.T.,
Yellowknife, N.W.T. X1A 2L9

Attention: Chief Environmental
Protection Officer

Emery Paquin

Gentlemen: *Mel Smith*

Re: Arsenic Trioxide Shipments

Giant Yellowknife Mines has not shipped bulk containers of arsenic trioxide for approximately two years now but there is a possibility that we will wish to resume regular shipments early in 1989.

We are currently pilot testing a process for upgrading crude arsenic trioxide and if pilot testing is successful we will proceed with plant construction. Present planning includes installation of a truck to rail transfer facility near Enterprise since there is a cost advantage to be gained through shipping by rail. Most, if not all, of future production will be shipped by rail, limiting highway haulage to the road system between Giant Mines and Enterprise.

After approximately five years of experience with bulk highway shipments of arsenic trioxide, we feel that some changes to conditions imposed upon these shipments by your department on January 30, 1981 would be appropriate, specifically items 2, 3 and 7 of the attached list.

Item 2 - We are not sure of the rationale for limiting loads to 90% of maximum G.V.W. since the effect will be to increase the number of loads as well as the cost. We do not think this contributes to increased safety and we suggest this item be deleted.

Item 3 - Since the length of haul is only expected to be about 5 hours each way, fatigue is not likely to be a factor in safe operation. We suggest this item be deleted.

...2

Dept. of Renewable Resources
Page Two
January 8, 1988

Item 7 - It is intended that the same drivers be used almost exclusively for this service. They will quickly become familiar with road and weather conditions and there should be no need to seek advice from the R.C.M.P. We suggest this item be deleted.

We feel the other conditions listed are reasonable and we foresee no problems in operating under them.

If you require more information, please contact the undersigned at your convenience.

Yours truly,

GIANT YELLOWKNIFE MINES LIMITED



K. Morton,
Technical Project
Supervisor.

KM:kid

cc: K. Blower
J. S. McAlpine
S. E. El-Alfy
G. Halverson