

Notes of a Phone Call  
To P. J. Raleigh  
Re Arsenic Sales  
December 19, 1979

*copy to WAM*

WAM and DJE phoned PJR to discuss the possible arsenic sales with Koppers.

WAM made the point about the necessity of solving the treatment of cottrell dust. PJR agreed that the tests on cottrell dust had to continue irrespective of what was done with regard to the sale of the crude baghouse dust. WAM noted that sometimes the baghouse dust goes below 88%. Raleigh indicated that Koppers was looking for an average of at least 90% for any load of arsenic. Eventually they may be able to go as low as 80% if their leach scheme works out. It may be possible to treat the Con material which runs 65-70% or arsenic dust stored in the stopes at Giant.

He noted that the sludge will be available for treatment, and this would be worthwhile as it will run \$200 - \$300 per ton, and it may only cost about \$10 a ton to get it back to us.

With reference to shipping, WAM stated that he had been looking at screw conveyors, one of which is flexible. Raleigh stated that he would get some quotes up to WAM and that Struthers-Well has an appropriate piece of equipment.

WAM also noted that the Territorial Government will expect us to have a recovery vehicle in case one of the transporting trucks tips over and spills. WAM does not particularly want to see Koppers with this vehicle as we might get tied down supplying the product only to them. PJR agreed and felt that in order to comply with the N.W.T. Regulations we should take on the responsibility for clean-up. WAM pointed out that the vehicle would be useful for clean-up around the plant site, another reason for having it owned and operated by Giant.

WAM had no objection to shipping raw product to get started but for the long run we have to concern ourselves with the cottrell dust and he also felt morally obliged to do something about the Con dust.

Raleigh indicated he would spend time with Larry Connell who was in his office at the time of our call discussing progress on leaching of the cottrell dust. It may be possible to consider using  $H_2S$  or the fuming method. Jerry Durka has made some calculations and he will go over these with Larry. He noted that the atmospheric leach method looks cumbersome because of the amount of equipment required.

All agreed that it would be appropriate to go with Koppers for 18 months to two years at the best price we can get. PJR was to get back to DJE by the end of the week to confirm what price might be appropriate. It was also agreed that the clean-up vehicle should be bought and paid for by Giant.

At the end of the conversation, Raleigh stated that HSA people had come down from \$77,000 to \$70,000. WAM told him not to agree to anything until they have had further chance to look at it here at Giant.

*DJE*  
D. J. Emery