

Notes on a Meeting
Re: Arsenic Upgrading

*Copies to
Zaharuk
P. Raleigh
W. Emery*

February 7, 1979
11:15 a.m.-12:25 p.m.

Present were: L. Hurst
 P. Zaharuk
 D.J. Emery

Zaharuk and Hurst came in to discuss the proposed upgrading facility at Giant. The initial concern is ~~is~~ what are the steps we contemplate on this project. I covered the meetings held in Yellowknife with Pat Raleigh, and went over my notes concerning these meetings. I gave copies of the notes to both Hurst and Zaharuk and also made a copy for Raleigh.

I emphasized the time requirement and that we should have something prepared and ready to recommend to the Directors by April 10th meeting.

We discussed the flowsheet. I brought up the possibilities of environmental hazards, particularly from the occupational health standpoint and questioned whether the pressure filtering system that they have anticipated will be any hazard. There was some considerable discussion on this and Zaharuk suggested we consider centrifuging instead of the plate type filter presently being considered. Zaharuk thought that Lionel should work up an expanded flowsheet that could be sent up to the property so they would have a better idea of what might be expected in the operation of such a plant. This would give them a better handle on the procedure and more of an ability to develop labour and other costs for the project.

We discussed the capital requirements for the plant. I indicated that the figure given to me by Raleigh on his Yellowknife visit was approximately \$500,000. It now would appear that it might be more - as high as \$1 million. We discussed the economics of the proposal and all were agreed that it looks attractive even if the capital is higher than initially thought.

Zaharuk suggested that we have a follow-up meeting when Pat gets back from his trip. At that time Lionel may have the expanded flowsheet ready.

There was some question as to whether we needed to pilot any part of the process. It was generally felt that because the technology is not new that there shouldn't be any particular need for this other than the area of filtration where there may be some piloting necessary to get the proper size. This would be done by Toronto personnel.