

Conclusions.

1. From a commercial and industrial point of view the proposed plant should be an important asset to the City of Montreal, as it would increase the industrial activity of this district both directly and indirectly and would afford employment for hundreds and possibly indirectly for thousands of men. It should also benefit those mines of Eastern Canada that contain important quantities of zinc ore, as at present this ore can only be marketed by shipping it to Europe.

2. In view of the amount of zinc ore that is likely to be treated and the provision for converting the resulting sulphur dioxide into sulphuric acid, I consider that the amount of sulphur that will escape into the air as sulphur dioxide may be about eight tons a day, an amount that would be produced by the daily combustion of some four hundred tons of bituminous coal. The furnace gases at the plant would be carefully cleaned and they would be free from the soot and dust which constitute the greatest nuisance resulting from the burning of coal.

3. In view of the location of the plant, and the probability that adjacent portions of Ile Perrot will be occupied by industrial plants, I do not think it likely that any economic damage to vegetation will result from this discharge of sulphur dioxide.