

~~CONFIDENTIAL~~

Dr. E. A. Watkinson:

C 455-10-13

Kingsley Kay:

Dec. 17/54.

Loss of Stack Collection Efficiency at Giant Yellowknife:

You will remember last August our discussion of this matter following Mr. Windish's return from Yellowknife. The problem was taken up with Mr. Christie of Resources and Development Department and he in turn sought full details from the Company. The Company report is contained in the attached letter and enclosure (stack efficiencies 1954) from P. N. Pitcher to C. K. LeCapelain. The unsatisfactory collection was confirmed by our group. It is evident, however, from Mr. Pitcher's letter that the situation will be corrected at an early date. Our environmental sampling in July did not reflect a marked reaccumulation of arsenic as of that period.

Mr. Christie and I learned from the resident mining inspector a few weeks ago that a misunderstanding as between Company officials and the resident inspector had resulted in Ottawa not being informed of this difficulty prior to Mr. Windish's stack work this summer.

This event emphasizes the fundamental importance of our own technical endeavors in acting as consultants on such matters. It is a counterpart of the case of the excessive toxicity of aldrin and dieldrin formulations which was discovered by our laboratory checks.

KK/MV.

146
Kingsley Kay.

Date

Tons Roasted

Stack Efficiency

Jan. 25-54

76

66.6%

Feb. 5-54

110

32.0%

Mar. 18-54

93

52.2%

July 11-54

92

41.1%

Aug. 9-54

95

38.2%

Sept. 31-54

112

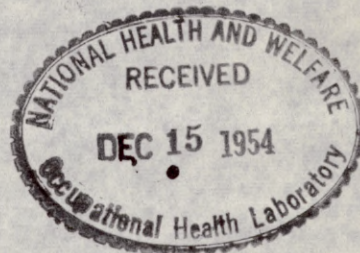
34.3%

Nov. 27-54

118

53.3% \star Adding H_2SO_4
to gas for
test.

Stack efficiencies at Grant yellowknife ~~old~~
mine, ~~carried out by~~ as determined by Grant.



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