

MEMORANDUM

TO: S. McAlpine
CC: K. Blower
FROM: K. Morton
DATE: January 23, 1990
SUBJECT: HI-TEMP FILTER TEST

Since RPC has upped the ante for doing the sintered metal filter test, maybe we should consider doing the test in-house. It should be a simple matter to install the filter in a bleed stream downstream of the cottrell, with the tail gas being exhausted into the existing baghouse inlet flue. Gas concentration will be different than in a dedicated arsenic fuming reaction process, but this will not affect the validity of the results obtained.

The cost of the installation should not exceed \$20,000, not including the \$27,500 cost of the tubesheet and blowback assembly. The cost of engaging Ron Hatch to oversee the test program is estimated at \$10,000. Overall, the cash outlay will be easily covered by the \$75,000 grant from CANMET, and salaries, assay costs, engineering and administrative fees will come out of Giant's \$25,000 share. M. Collins will have to install some pressure and temperature instrumentation, but nothing elaborate.

I'm not sure that CANMET will approve the grant under the new conditions but it may be worth a try. Shall I proceed?



Kent Morton