Gen.Eng.Dept.,
Manville Factory,
June 29,1933.

Mr.S.A.Williams,V.P.,
General Headquarters.

SUBJECT: Dust Exhaust System,Pittsburg Factory.

I am enclosing herewith a copy of my letter to Mr.Bates commenting on his letter of June 21st to you, also a copy of my letter to Mr.H.W.Miller regarding the several proposals, a copy of which is also enclosed herewith. I believe they are self-explanatory and there is no need of my elaborating.

I regret to say I do not have final layouts as submitted by the various vendors. I am however, submitting prints of layouts suggested by the writer while at Pittsburg Factory in January of this year. Layouts submitted by the various vendors were in the opinion of the writer entirely too elaborate and much too expensive for the application. I returned those layouts to Mr. Bates with my comments and asked him to request the various vendors to adhere a little closer to our original schemes.

If you will please refer to print P-231, you will note that we have endeavored to split the pipe covering saw room into two groups. My reason for doing this is that it is my understanding that the sum total of these machines do not operate simultaneously, and that there is no necessity for putting in fans and dust arrester of sufficient capacity to handle the entire line-up. The arrangement as shown will handle either group very nicely.

If you will recollect, Mr.Bates now uses a canvas enclosure for blowing the dust or kerf out of his pipe covering after slitting. It was my intention to place the dust arrester in this space and an addition to this dust arrester would serve the cement department as indicated on print P-232.

You will recollect that clays are now ground and conveyed to the storage bin and I learned that the conveyor and the discharge of clays from this conveyor to the clay storage bin was a bad condition. In an effort to relieve this situation, I sold the idea to Mr.Bates of banging the clays right at the screen doing away with the overhead conveyor and discharge into the clay storage bin. The clay storage bin does not have a roof and if we continue with the scheme as at present and attempt to close in the roof to confine the dust, we will be faced with the necessity of installing

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sprinklers. Furthermore, in bagging his cement right at the screen, he has a definite unit with which to start to make up his various mixes.

This is a somewhat complicated explanation, but I have endeavored to make it clear to you.

Will you kindly return the prints to us for our files when they have served your purpose.

D.C. Renton

D.C.Renton,
Chief Engineer,
Factories & Mines.

DCR-NFW

Enc.

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