PLAINTIFF'S EXHIBIT
ASA-7

EL PASO PLANT, April 18, 1941.

Mr. A. L. Labbe,
Salt Lake City.

cc- R.F.McIlvenny
C.C.Burt

Dear Sir:-

BLAST FURNACE AND VENTILATION BAGHOUSE

Mr. Burt with his letter of April 16th enclosed cost estimate for the new baghouse as follows:-

Baghouse	$91,000.00
Fans and flues	27,000.00
	$118,000.00

Mr. English has prepared an estimate covering the work that the plant will have to do, this including a third rail for a 500 ft. extension of the standard gauge track, 150 ft. of 20" gauge track, turn-tables, loading trestle and two additional dust cars totaling $5715.00. This total includes 20% for contingencies and would be added to the amount of $118,000, making the total request $123,715.00.

Messrs. Stryker, English and I have reviewed your letter of April 15th wherein you state there is not sufficient draft in the hoods of machines #1, #2 and #3 to take care of 10,000 cu. ft. of sinter plant ventilation gases, but that the same could be handled by the #5 machine. However, Mr. Burt in his letter of April 16th said you were out to the plant the previous day and went over the question of ventilating smoke in detail and that your final recommendation was to discharge the ventilating smoke from the drossing plant to atmosphere through stack and to put the sinter crushing ventilating gas into the blast furnace flue. Mr. Burt enclosed Drawing EP-3624 revised accordingly.

I think probably you are correct in figuring that we should discharge dross reverb ventilation smoke to atmosphere although in general I don't like it. As stated in my letter of April 4th if we included this in the ventilation side of the new baghouse we would have a volume of 225 C.F.M. per bag which would increase to 337.5 C.F.M. per bag when shaking an 80 bag section. At such times undoubtedly our dross reverb draft would be very poor and I believe, as you do, it is more important to insure good draft on the dross reverb than to baghouse the drossing plant ventilation gases. This change, therefore, has our approval.

However, I do not understand why you have decided to put the sinter crushing ventilation gas to the blast furnace flue thus adding 10,000 additional cubic feet to the new baghouse and why you have rejected the scheme of discharging this to hoods of present sintering machines which does not add at all to the volume handled in the present D & L. baghouse. It seems to me by doing as you now recommend you are using the limited capacity of the new baghouse for 10,000 cu. ft. which could just as well be eliminated. Will you kindly advise why you have reached this decision.

For Mr. Burt's information on April 19th we ordered Gilsonite primer and Gilsonite flue cement from the Re-nu-it Corporation and the Missouri Paint and Varnish Company in the quantities suggested in his letter of April 16th.

The plans and specifications for the new baghouse have been submitted to four local contractors with request that bids be returned by April 30th. I am holding up submittal of the formal appropriation request until these bids are in so that they may be compared with cost estimate Mr. Burt forwarded.

Yours very truly,

J. D. MacKENZIE.

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