8. Alarms for dust build-up in ducts are not required.

9. The sinter machine outlet damper will be controlled by a draft signal taken from the hood. The draft connection to the hood should be near the strong gas outlet.

10. The scope of Kaiser's work at the D&L baghouse will consist of:

    (a) Connecting the ducts from the sinter/charge bin area and the bedding/reclaim area to the baghouse;

    (b) Partitioning the inlet plenum of the baghouse into two groups of five sections each;

    (c) Providing a self-standing stack (or stacks) for discharging the north five sections of the baghouse to atmosphere. The size and number of stacks should be as required to maintain draft in the baghouse. The height of the stack (or stacks) will be as required by the appropriate code. The stack supports are to be independent of the baghouse. Provide expansion joints between the baghouse and the stack(s). No additional loads are to be placed on the baghouse structure. Refer to Dwg MLS-4016 for a stack arrangement which could be adapted to our situation.

    (d) Repair work to the D&L baghouse is not in Kaiser's scope, except that finished construction and sealing is required at all points where Kaiser enters or exits the baghouse.

As mentioned above, the sinter machine outlet damper will be controlled by hood draft and not by SO_2. However, concerning the SO_2 analyzer, we now believe it would be best to sample the gas stream at the strong gas duct between the sinter machine and the hot gas fan. This is a change from the original idea of sampling at the exit of the cottrell. The SO_2 recorder will still be located on the sinter plant control panel, as originally planned.

Very truly yours,

R. C. STEWART
Project Engineer

RCS:gp
cc: E.H.Haug/W.T.Sweat
A.O.Marsh,Jr.
W.R.Kelly

PLAINTIFF'S EXHIBIT

ASA-1182

ACTION BY	
	• Car pullers shall be relocated to clear baghouses.
	• Clarify stair arrangement in control room building.
	• Track arrangement on Dwg. 22914 to agree with civil drawings. Delivery conveyor bents shall be arranged to clear tracks..
KE	• KE to check space requirements and economics of round vs. rectangular dust collection ducts in unloading area.
	• Indicate dampers at hopper ducting for constant flow of air in two of the three branches.
	• Air pockets and supporting steel around clamshell unloading hoppers to be clarified.
	• Clarify dust control pickup points at head ends of belt feeders.
	Bedding & Reclaim Area
	• Relocate tripper cross-belt repair platforms towards tail end of tripper conveyors.
	• Delete curtains at reclaim hoppers.
	• Reconcile arrangement of copper concentrate conveyor transfer tower on the various drawings.
	• Check location of takeup of lead concentrate reclaim conveyor.
	• Add ladders and platforms at weigh bucket locations. The tight feeder arrangement will not be changed for the Phase I report, but adequate space around the weigh buckets shall be provided during the detail design stage.
	• Dwg. No. 22920 - show present elevation of R.R. tracks 9 & 73 and clearance under new copper concentrate conveyor crossing the tracks.
	• Clarify stairs to top of roof near column 9 of reclaim building.
	• Clarify method of dust control at transfer chute between existing and new copper concentrate conveyors.
	• Show blowers at tail ends of tripper conveyors.
	Sinter Plant
KE	• KE will spell out criteria with regard to duct design such as i) dust buildup in ducts, ii) temperature of duct walls, iii) insulating requirements to maintain gas temperature or for personnel protection, and

May 26, 1976

ASL-58-KE

Mr. Robert Meyer, Project Manager
Kaiser Engineers, Inc.
300 Lakeside Drive
Oakland, California 94666

EA-26-EP, N.Y. 3777 PLANT 618
ORE HANDLING & SINTER PLANT
FILE 8.5 - DESIGN CRITERIA

Dear Mr. Meyer:

Attached is one print of Drawing EH-21872 showing details of the 63" venturi for the East Helena gas cleaning plant.

Your cost estimate for the insulated duct from the sinter machine to the hot gas fan should include a venturi with instrumentation. This run of duct should be fabricated from Corten steel.

The coordinates and elevation of the inlet flange of the hot gas fan will be sent to you shortly. The steel which will support the duct will interface at the fan with structural steel being designed by others. For this we will need the reactions of the supports which Kaiser is designing.

It may also be desirable to use the duct supports for supporting pipe lines, conduits, etc., between the cottrell area and the sinter plant area.

Very truly yours,

R. C. STEWART
Project Engineer

RCS:gp
Att.
cc: E.H.Haug/W.T.Sweat
A.O.Marsh,Jr.
W.R.Kelly

SOUTHWESTERN
INDUSTRIAL CONTRACTORS AND RIGGERS, INC.
7155 Industrial Avenue P. O. Box 1611 El Paso, Texas 79948
(915) 779-3931

April 29, 1976

EP618

Job 1957

ASARCO, Incorporated
ATTN: Mr. W. R. Nasmyth
Plant Engineer
P.O. Box 1111
El Paso, Texas 79999

RE: Purchase Order EP-614-2
Sergent, Hauskins & Beckwith Engineers
Claim No. 1801-APD-4697

Dear Mr. Nasmyth:

Enclosed is a check from The USF&G Companies for payment on the above referenced Claim.

Very truly yours,

H. E. Wickes
Project Manager

HEW:jo

Enclosure - Check No. 175726-1

1 175726-1

CO.	B.O.	AGENT	PKG. CODE	LINE	ISSUED AT	DATE	TYPED BY
1	60	2984		5212	El Paso-TX	4-23-76	MG

CLAIM NO.	IMY	DATE OF ACC. OR LOSS	POLICY NO.
1801-APD-4697	276	3-20-76	ICC-715446

INSURED-POLICY HOLDER-PRINCIPAL: Sergent, Hauskins & Beckwith Engineers
INJURED-OBLIGEE: Asarco, Inc.

RISK STATE	ASSU REIN CO. CD	CAT. NO.	KIND OF LOSS	A&M P.F.	NO. WEEKS PAID	AMOUNT CODE	AMOUNT	AMOUNT CODE	AMOUNT
						71	$ 212.94		$
PP DED IDENT.		RISK CODE	OTHER ☐			T	$ 212.94		$

PAY FROM- TO-

THE USF&G COMPANIES
ISSUED BY COMPANY INDICATED BY ☒ BELOW
☒ UNITED STATES FIDELITY AND GUARANTY COMPANY
☐ FIDELITY AND GUARANTY INSURANCE UNDERWRITERS INC.

PLEASE PRESENT FOR PAYMENT WITHIN 90 DAYS

TO THE ORDER OF
ASARCO, INC.
P. O. Box 1111
El Paso, Texas 79999

PAY ONLY
$212.94***

PAYABLE THROUGH THE FIRST NATIONAL BANK OF MARYLAND BALTIMORE, MARYLAND

TAX ID. #

ADJUSTER

⑈175726⑈ ⑆0520⑆00 ⑆ 99⑆0108 ⑈

CLAIM (GEN.) 25 751,001 TO 251,000 (1-76)