

FROM

T. B. BONNEY
R. H. WATSON

PITTSBURGH OFFICE

TO
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LIST

(Handwritten: 24 new let)

F
398
exposure

CONFIDENTIAL

November 27, 1972

RE: MAINTENANCE WORK IN ALCOA 398 and R-173 BAGHOUSES

The captioned job is an extremely dusty one. Furthermore, the dust is extremely fine and contains irritating contaminants, primarily fluorides, from the smelting pots. Because the airborne particles are extremely fine, they are readily inhaled and may penetrate deeply into the respiratory system.

To protect employees who do maintenance work on A-398 and R-173 systems, it is essential that they wear proper respiratory protection on the job. They must wear, at least, a simple filter respirator having Bureau of Mines approval for dusts with a TLV not less than 0.1 mg/M³. The three respirators listed below are examples of the many that are suitable for this application.

3M 8710

MSA Dustfoe 66 or 67

AO R9100T or R3030

If the dust exposures are so severe as to rapidly increase the breathing resistance through the filter to an intolerable degree, a respirator with twin filters may alleviate this problem. If not, an air supplied respirator must be used.

We ask that the Safety Directors, with the help of proper people at each location, propose a program to insure that employees receive proper respiratory protection while performing maintenance work on baghouses used to control potroom effluents. Line management must be responsible for the program working, as locally designed. If we can be of any help, please let us know.

Thomas B. Bonney

R. H. Watson

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R. H. Watson

TBB/RHW:mh

Att.

cc: ✓ Dr. M. O. Colwell, Pittsburgh
Mr. G. R. Swaney, Pittsburgh

PLAINTIFF'S
EXHIBIT
AL-1433



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<u>Location</u>	<u>Industrial Hygienists</u>	<u>Safety Directors</u>	<u>Potroom Superintendents</u>	<u>Engineering Managers</u>
Badin	E.M. Morgan	E.M. Morgan	R.A. Cheatham	P.A. Emmons
Massena	W.S. Barr	L.W. Danforth	J.M. Cutler	J.B. Walker
Rockdale	A.G. Clayton	G.W. Hutton	J.H. Greene	D.D. McGregor
Tennessee	J.C. Vergho	J.H. Morton	W.J. Drake	R.R. Taylor
Warrick	R.L. Parsons	J.E. Burns	J.R. Haaland	G.J. Myers
Wenatchee	J.A. Thompson	R.V. Stewart	R.J. Hosfeld	R.E. Grossheim

Information Copies:

Pt. Comfort	C.F. Scott	C.F. Scott	R.R. Sugg, Jr.	R.C. McCormack
Vancouver	L.L. Haisch	C.T. Heins	A.J. Classen	J.H. Pierce

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