



NOV \_\_\_\_\_  
RDP \_\_\_\_\_  
LDW \_\_\_\_\_  
SGC \_\_\_\_\_  
SDS \_\_\_\_\_  
YGM \_\_\_\_\_  
GAK \_\_\_\_\_  
WOF \_\_\_\_\_

Department of Environmental Sciences

M. O. Varner  
Manager

September 8, 1977

Mr. M. O. Varner  
Building

Re: Exposure of Asarco Employees to Asbestos

The following is an estimate of the number of Asarco employees by plant potentially exposed to "measurable" concentrations of airborne asbestos fibers. This estimate was arrived at by consultation with the Field Services Staff and review of environmental survey reports.

| <u>Plant</u>           | <u>No. of Employees<br/>Potentially Exposed<br/>to Asbestos</u> | <u>Remarks</u>                                   |
|------------------------|-----------------------------------------------------------------|--------------------------------------------------|
| Amarillo               | 25                                                              |                                                  |
| Arizona Mines          | 15                                                              | Mechanics performing brake<br>and clutch repair. |
| CAPCO (both plants)    | 315                                                             |                                                  |
| Columbus               | 15                                                              | Baghouse workers                                 |
| Corpus Christi         | 20                                                              |                                                  |
| East Helena            | 20                                                              |                                                  |
| El Paso                | 40                                                              |                                                  |
| Globe                  | 5                                                               |                                                  |
| Glover                 | 20                                                              |                                                  |
| Hayden                 | 10                                                              |                                                  |
| Hillsboro              | 10                                                              | Baghouse workers                                 |
| Houston-Federated      | 0                                                               |                                                  |
| Houston-Lone Star Lead | 5                                                               | Variable depending on<br>contract                |

PLAINTIFF'S EXHIBIT

ASA-598

ASARCO ELP 0000157

| <u>Plant</u>                  | <u>No. of Employees<br/>Potentially Exposed<br/>to Asbestos</u> | <u>Remarks</u>                                     |
|-------------------------------|-----------------------------------------------------------------|----------------------------------------------------|
| Idaho Mines                   | 5                                                               | Mechanics performing brake and clutch repair       |
| Leadville                     | 3                                                               | Mechanics performing brake and clutch repair       |
| Manchester                    | 5                                                               | Pipefitters handling packing and gaskets-mechanics |
| Midland Coal                  | 10                                                              | Mechanics performing brake and clutch repair       |
| Newark                        | 10                                                              |                                                    |
| New Mexico Mines (Ground Hog) | 8                                                               | Mechanics performing brake and clutch repair       |
| Omaha                         | 5                                                               | Mechanics performing brake and clutch repair       |
| Perth Amboy                   | 0                                                               |                                                    |
| Sand Springs                  | 0                                                               |                                                    |
| San Francisco                 | 0                                                               |                                                    |
| Tacoma                        | 200                                                             | All maintenance personnel                          |
| Tennessee Mines               | 40                                                              | Mechanics performing brake and clutch repair       |
| Trenton                       | 3                                                               | Mixing zinc powder and asbestos                    |
| Whiting                       | 5                                                               |                                                    |
|                               | <u>794</u>                                                      |                                                    |
|                               | <u>TOTAL</u>                                                    |                                                    |

This estimate does not include employees working in the same general area where asbestos is being handled, the use of asbestos millboard as heat shields or asbestos cloth as welding curtains because it is not believed that "measurable" asbestos fiber concentrations would be found using the prescribed OSHA sampling and counting methods.

*Stanley G. Cothrin*

Stanely G. Cothrin  
Environmental Scientist

SGC/mcs