

DALE HUDDLESTON - PGH OFFICE

FROM H. G. SAKOIAN

TO EXPANDED STAFF AND

WEST PLANT MAIN OFFICE

JOINT SAFETY & HEALTH COMMITTEE

1982-01-13

RECEIVED

SEP 23 1982

INDUSTRIAL HYGIENE

RE: ASBESTOS HAZARDS DURING SURPLUS EQUIPMENT REMOVAL

Various types of asbestos were once used extensively as thermal insulation for duct work, high temperature wiring, furnace lining and general fireproofing. Whenever asbestos contaminated equipment is removed, special precautions must be taken to prevent employee exposure to asbestos dust.

Prior to each removal or demolition job, the project should be reviewed for potential asbestos hazards. If asbestos-containing insulation is suspected, a golf-ball size sample should be delivered to the South Plant Laboratory for analysis. If test results are positive for asbestos, the control measures on the reverse side must be taken. These measures are based on specific legal requirements and good industrial health practice.

As a precaution, all thermal insulation of unknown composition should be treated as asbestos until proven otherwise. If there are any questions on an asbestos problem, the writer would be happy to assist.

H. G. SAKOIAN

HGS:jma

xc: H. L. Covington - S. P.
G. S. McGhee - S. P.

PLAINTIFF'S
EXHIBIT
AL-828

per phone conv. with Joan Sanders.

M2-HGS-B1



ALCOA

ASBESTOS CONTROL PROCEDURES

EMPLOYEE NOTIFICATION: Employees must be advised that the material is asbestos and given an explanation of the potential harmful effects of over exposure. (e.g., over exposure to asbestos fibers can cause permanent lung damage called asbestosis; over exposure also increases the risk of getting lung cancer.) The hygiene department can assist in this discussion.

PERSONAL PROTECTION: Employees must use dust masks (3M8710, Stock No. 220-650-8710 or equivalent) and disposable coveralls (Stock No. 220-262-0050). Coveralls are required to prevent any asbestos dust from being carried home.

REMOVAL AND CLEANUP: The work area should be marked off and the spread of material limited as much as possible. Asbestos material must be wetted prior to removal to limit dusting. Cleanup must be done by wet sweeping or vacuuming. If vacuumed, the machine must be specially equipped for asbestos dust. Dry sweeping of asbestos is strictly prohibited!

DISPOSAL: All asbestos material and asbestos-contaminated clothing must be placed in lined containers, sealed, labeled and transported to the South Plant. Containers, labels and disposal should be arranged through H. L. Covington, South Plant.