

October 30, 1967

ENCLOSURE Linch-27
DATE 1-30-87 dV
FILED
FBI

To: L. V. Thatcher, Safety Engineer, Chambers Works Construction
From: A. L. Linch, Medical Division

MEMORANDUM
Asbestos Dust Exposure Control

The preliminary personnel monitoring survey carried out during August, 1967, on Chambers Works confirmed earlier environmental surveys (Ref. 1 and 2) on Chambers Works and in the Spruance Shops which demonstrated that the total particle count, not corrected for asbestos content, does not exceed one percent of the current Threshold Limit Value (TLV) established for asbestos dust by the American Conference of Governmental Industrial Hygienists (ACGIH-1966). The personnel monitor samples were collected in filters over four to five hour periods. Since impingers were not employed, the respirable fraction cannot be estimated but can be ignored as the total particle count is many orders of magnitude less than the established TLV.

However, these results should not serve as a basis for complacency but rather should provide a base for establishing a permanent monitoring program. Federal and State (i.e. New Jersey) legislation enacted over the past ten years has placed the burden of proof for continuous conformance with established TLV's ^{on} to the employer. In view of this major shift in responsibility for ambient air quality control and the trends in compensation claim decisions, an effective Industrial Hygiene program becomes imperative. This responsibility becomes acute when pre-employment medical examinations are not available to the employees.

Standards for equipment performance and ventilation specifications

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