



PLAINTIFF'S EXHIBIT

FD-1704

file

Inter Office

Personnel and Organization Staff

August 5, 1983

Mr. M. Lindsey
Safety Engineer
Sharonville Plant

cc R. Byrom

Subject: Asbestos

References: 1) Volume 29, Code of Federal Regulations, 1910.1001
2) IRAM Industrial Hygiene Bulletin No. 4

As requested, the samples which you submitted to the Industrial Hygiene Laboratory on July 20, 1983 were analyzed for asbestos content. This was in response to concern expressed by plant powerhouse employees that exposure to airborne dust of these materials might present an asbestos inhalation hazard.

Test results, as shown on the attached data sheet, reveal that both samples contain significant amounts of asbestos. These results along with a copy of the OSHA asbestos standard regulations should be shared with powerhouse employees, pipefitters and pipecoverers with potential exposures to the asbestos-containing material, and the Union Health and Safety Representative.

Excessive exposure to airborne asbestos fiber and dust can present serious, irreversible adverse health effects many years after exposure. These include asbestosis, a progressively disabling obstructive lung disease, and cancer of the respiratory and gastrointestinal tracts and of the chest and abdominal cavities. The long latency period between exposure and when disease may develop emphasizes the importance of preventive industrial hygiene control methods.

Steps must be taken to assure that employees with potential exposure to asbestos are aware of these health effects and that proper precautions are taken to eliminate asbestos fiber inhalation. These include wet methods of dust suppression, use of effective respirators, vacuuming, local exhaust ventilation, debris containment, and protective clothing.

If there are questions regarding this report or industrial hygiene control methods for asbestos, please call us at 33-78955.

Roger Wabeke
Roger Wabeke, Supervisor
Industrial Hygiene Services
Employee Health Services

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CENTRAL LABORATORY SERVICES

LABORATORY INVESTIGATION REPORT

NUMBER 30341

August 1, 1983

TO: T. Strow

SUBJECT: Insulation Samples from Sharonville

OBJECT: Determine if asbestos is present in the insulation samples, and if present, identify and quantify.

CONCLUSION: Both samples identified as 83-1220 and 83-1221 were heterogeneous white material with obvious fibers and moderate friability which contain:

	83-1220	83-1221
Chrysotile, %	28	28
Amosite, %	38	33
Fiberglass	Trace (less than 1%)	---
Mortar & other non-fibrous materials	Balance	Balance

Test Method: EPA (interium method polarized light, microscopy with dispersion staining)

by Kathryn H. Berry
Kathryn Berry, Engineer
Metallurgy Department

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