PLAINTIFF'S EXHIBIT
FD-1534

Inter Office

Personnel and Organization Staff

23 August 1983

Mr. M. K. Lindsey, Safety Engineer
Sharonville Plant

cc R. D. Byrom
S. Grendel, M.D.
R. M. Hric

Subject: Asbestos

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

As requested, the samples which you submitted to the Industrial Hygiene Laboratory on 12 July 1983 were analyzed for asbestos content. This was in response to concern expressed by plant Heat Treat Department 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 three of the six 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 exposure to the asbestos-containing material, and the Union Health and Safety Representative.

Excessive exposure to airborne asbestos fiber and dust may cause serious irreversible adverse health effects many years after exposure. These include asbestosis, a progressively disabling lung disease, and cancer of the respiratory tract 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.

Libardo Latorre

Libardo Latorre, Industrial Hygienist Senior
Industrial Hygiene Services
Employee Health Services

jb
Attachment

INDUSTRIAL HYGIENE SERVICES
ENVIRONMENTAL HEALTH AFFAIRS
EMPLOYEE HEALTH SERVICES

Sharonville Transmission
Department 280, Heat Treat, Pusher No. 7

Laboratory Number	Sample Source	Percent Asbestos
83-1319	Debris west side of furnace	12% Chrysotile
83-1320	Radiant tube gasket	ND*
83-1321	Door gasket entrance end	90% Chrysotile
83-1322	Debris east side of furnace	ND*
83-1323	Pipe wrapping from overhead	ND*
83-1324	Flat gasket material stock No. 68-40-510	80% Chrsotile

ND* = None detected, detection limits one percent.

ANALYSIS: Central Laboratory Services by Polarized Light Microscopy with dispersion staining. EPA interim method.

ANALYST: K. H. Berry, ABIH Certification No. 1531

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