FILE NAME: Reynolds Metals (RM)

DATE: 1972 Mar 16

DOC#: RM042

DOCUMENT DESCRIPTION: Internal Memo RE Airborne Asbestos Fibers

RECEIVED
MAR 20 1972
SAFETY DEPARTMENT

Bechtel Corporation

Inter-office Memorandum

To J. T. O'Brien

Date March 16, 1972

Subject Report on Monitoring Airborne Asbestos Fibers for Job 8633

From J. Neerhout, Jr.

Of Field Construction

Copies to Dick Abbey

At Ingleside, Texas
Job 8633

Attached is a copy of the report Reynolds Metals Company made on monitoring the amount of airborne asbestos fibers generated during the spraying of Limpet insulation for the #9 Kiln ESP.

The subcontractor doing the insulation, AC & S, was employed by Bechtel under Contract 8633-M-70-HA.

Please file with the First Aid Dead File previously transmitted.

J. Neerhout, Jr.
Project Superintendent

JN/JB/nb

Enclosure

EXHIBIT
2-2

PENGAD 800-631-6989

(258A) 0ECC (3-68)

INTRACOMPANY CORRESPONDENCE
R-98 (Rev. 1-68)

FROM: J. P. Fischer

TO: Mr. R. H. Featherston

COPY:

DATE & SUBJECT: February 25, 1972 AIRBONE ASBESTOS FIBERS

During the time when construction workers are insulating the No. 9 kiln ESP there is a considerable quantity of visible agglomerates of asbestos floating downwind of the area. Intermingled with the large agglomerates are finite particles which are not visible but which are trapped on a membrane filter. The fibers are generated when the asbestos or limpet is blown onto the equipment being insulated.

Sampling was done on two separate days and the fibers 5mm or longer were counted using a phase contrast microscope with results as follows:

Date	Location	Wind Direction	Fibers/ml
2/21/72	Ground level 200 ft. N of headhouse	S & SE	0.178
2/21/72	Headhouse, ESP floor, NE corner	S	0.296
2/23/72(0805)	Headhouse, ESP floor, NE corner	S	2.0
2/23/72(1015)	Same location	S	2.4
2/23/72(1315)	Same location	S	1.9

The measurements fall below the 5 particles/ml limit established by OSHA.

The large agglomerates are not caught in the filter.

J. P. Fischer

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