TEXACO U.S.A. HOUSTON
ENVIRONMENTAL AND HEALTH
MAR 02 '82
FILE SUBJECT

SAF-IH-EG-P

Houston, Texas
February 26, 1982

SAF STUDIES, SURVEYS & REPORTS
Texaco USA
Eagle Point Plant
Asbestos

PLAINTIFF'S EXHIBIT
TEX-99

Mr. R. J. Fischbach
Westville, New Jersey

Air sampling to document employe exposures to asbestos fibers was conducted at the Eagle Point Plant on November 10, 1981. The sampling was performed by Mr. J. E. Schlicht, Industrial Hygiene Technician, to evaluate employe exposures during the routine operation of the powerhouse. The analysis results, as shown in the attached table, indicate that employe exposures were well below any applicable standard.

The monitoring was conducted to characterize the exposures of a turbine operator, a boiler operator, and an assistant boiler operator. The exposure level of the turbine operator was reevaluated because a previous sampling result suggested that this employe be provided with physical examination, annually. The results showed that the calculated eight-hour time weighted averages (TWAs) for asbestos ranged from less than 0.01 fiber per cubic centimeter (f/cc) to 0.03 f/cc based on sampling periods from 441 to 457 minutes. The "less than" indicates that the concentration was below the lower detection limit of the chosen analytical method.

The current OSHA standard for asbestos specifies a permissible exposure limit (PEL) of two (2) f/cc as a TWA for an eight-hour period. In addition, OSHA regulates a ceiling limit of ten (10) f/cc which should not be exceeded at any time.

The samples were collected on membrane filters using calibrated air sampling pumps. Subsequent analysis was performed by National Loss Control Service Corporation, an accredited industrial hygiene laboratory.

Due to the low results obtained from the reevaluation of the turbine operator's exposure, annual physical examinations, including x-ray and other OSHA-specified tests, are not deemed necessary for this employe.

The results reported herein are within the current OSHA standards for asbestos. Should you have any questions, please contact this office at your convenience.

Signed: O. W. RIGDON

O. W. RIGDON

PTC/JES
ma: 3/1

PJB
RTR-JRS

WA-TEX006401

TABLE I

EAGLE POINT PLANT

ASBESTOS
11/10/81

SAF - STUDIES, SURVEY AND REPORTS
TEXACO USA
EAGLE POINT PLANT
ASBESTOS

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SAMPLE NUMBER	EMPLOYE SSN	EMPLOYE TITLE	LOCATION	DATE	TEMP (F)	TIME	ANALYSIS RESULT*		TOTAL TIME	TIME WEIGHTED AVERAGE*			METHOD**
6193000400	0140469321	OPERATOR TYPE	UTILITIES	11/10/81	68	217	< 0.0100	F/CC					8 HR-ZERO
6193000405	0140469321	OPERATOR TYPE	UTILITIES	11/10/81	68	240	< 0.0100	F/CC	457	<	0.01	F/CC	8 HR-ZERO
6193000401	0156503235	OPERATOR TYPE	UTILITIES	11/10/81	68	194	0.0100	F/CC					8 HR-ZERO
6193000403	0156503235	OPERATOR TYPE	UTILITIES	11/10/81	68	253	< 0.0100	F/CC	447		0.01	F/CC	8 HR-ZERO
6193000402	0139240948	OPERATOR TYPE	UTILITIES	11/10/81	68	201	< 0.0100	F/CC					8 HR-ZERO
6193000404	0139240948	OPERATOR TYPE	UTILITIES	11/10/81	68	240	0.0500	F/CC	441		0.03	F/CC	8 HR-ZERO

* < = LESS THAN THE DETECTABLE LIMIT
↑ = ROUNDED TO THE NEAREST HUNDREDTH
B = BREAKTHROUGH
# = THE TWA EXCEEDS THE STANDARD

** SAME = THE TWA WAS COMPUTED BASED ON ASSUMED SAME EXPOSURE DURING THE BALANCE OF THE UNSAMPLED SHIFT.
ZERO = THE TWA WAS COMPUTED BASED ON NO SIGNIFICANT EXPOSURE DURING THE BALANCE OF THE UNSAMPLED SHIFT.

WA-TEX 006402

WA-TEX006402