

TEXACO U.S.A. HOUSE			
ENVIRONMENTAL AND HEALTH			
MAR 02 '82			
FJB	✓	CHM	
RCM		FM	
ERM	✓	DMS	
CND		CIS	
ELM		DIS	✓
ST		STENO	✓
FILE SUBJECT			

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 employee 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 employee exposures during the routine operation of the powerhouse. The analysis results, as shown in the attached table, indicate that employee 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 employee 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 employee.

WA-TEX 006400

WA-TEX006400

Mr. R. J. Fischbach

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February 26, 1982

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

~~FJB~~
RTR-JRS

WA-TEX 006401

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

* < = LESS THAN THE DETECTABLE LIMIT
↑ = ROUNDED TO THE NEAREST HUNDRETH
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