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INDUSTRIAL HYGIENE REPORT TEXAS OPERATIONS

DOW CHEMICAL U.S.A.
AN OPERATING UNIT OF THE DOW CHEMICAL COMPANY

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PLAINTIFF'S EXHIBIT

DOW-767

TITLE:

ASBESTOS MONITORING AT PLANT A POWER GENERATION, A-1517, BOILER #3,
APRIL-MAY, 1990

AUTHOR(S)

C.R. HINDMAN

C. R. Hindman

REVIEWER(S)

T.W. PARSONS

T W Parson

SUMMARY

Personal and area asbestos monitoring was performed inside and around boiler #3 during maintenance at Plant A Power Generation, A-1517 in March and April, 1990.

All measured asbestos concentrations were well below the OSHA Action Level of 0.1 fiber per cubic centimeter for the Welders doing repairs inside the boiler. The highest potential personnel measurement was 0.011 f/cc. The measured area concentrations were less than 0.01 f/cc, well below the OSHA Action Level for an eight hour time weighted average. The data indicates that asbestos exposures and area concentrations are well controlled in and around the boiler.

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TABLE I
SUMMARY OF PERSONAL ASBESTOS MONITORING
PLANT A POWER GENERATION, A-1517, 1990

<u>JOB CODE / CLASSIFICATION</u>	<u>EMPLOYEE NUMBER</u>	<u>DATE</u>	<u>SAMPLE TIME(min)</u>	<u>TWA CONCENTRATIONS (f/cc)</u>
WELDER (21300000)	140160	3/22/90	300	0.011
WELDER	140051	3/22/90	330	0.004
				AVG = 0.008
				Action Level = 0.1

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TABLE II
AREA ASBESTOS MONITORING INSIDE BOILER #3
PLANT A POWER GENERATION, A-1517, 1990

AREA	SAMPLE NUMBER	DATE	SAMPLE TIME (MIN)	CONCENTRATION (fibers/cc) TWA
2nd floor, left side by gas burners in vent opening	4437	3/22/90	330	0.002
3rd floor, opposite side of boiler where 2 employees are working	4441	3/22/90	330	0.007
Wind box	4408	4/04/90	419	0.001
50 ft. from boiler #3 on turbine deck	4409	4/04/90	464	0.002
East of boiler #3	4410	4/04/90	457	0.001
Drum area	4411	4/04/90	465	0.001

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