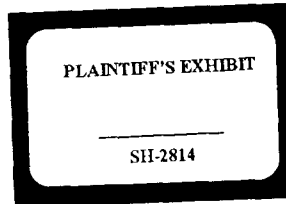




Shell Oil Company
Interoffice Memorandum



02-H04-145

NOVEMBER 16, 1990

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FROM: B. G. TATAR, INDUSTRIAL HYGIENIST II, HS&E-S&IH, E&EA
TO: G. L. MATSON, OFFICE PLANNING, BUSINESS SERVICES
SUBJECT: ASBESTOS MONITORING - 48TH FLOOR, OSP

Pursuant to your request and that of H. H. Saum, General Attorney, area asbestos monitoring was done November 12, 1990, on the 48th floor of OSP. The purpose of the monitoring was to assess the ambient asbestos levels following plumbing work in the ceiling plenum on November 9-11, 1990. The results of the monitoring are attached. Ambient asbestos concentrations measured below the OSHA Permissible Exposure Limit (PEL) of 0.2 fibers/cc, and the OSHA Action Level (AL) of 0.1 fibers/cc. For reference, the EPA guideline level for clearance of an asbestos abatement activity is 0.01 fibers/cc.

If you have any questions on these results, please contact me at 241-3862.

B. G. Tatar

DWH:lfw

Attachment

cc: C. F. Phillips/J. D. Ransdell
D. W. Havis
E&EA-A (2)✓

CAS9032001 - 0001.0.0

ABS-011786

LAM 031840

TABLE I

ASBESTOS MONITORING RESULTS
48TH FLOOR, ONE SHELL PLAZA
HOUSTON, TX
November 12, 1990

SAMPLE LOCATION	SAMPLE DATE	SAMPLING PERIOD	SAMPLING TIME (MINUTES)	ANALYSIS REQUESTED	RESULTS fiber/cc
Room #4845	11/12/90	1124-1632	308	Asbestos ¹	< 0.01
Hall Area Adjacent To Room #4844	11/12/90	1128-1636	308	Asbestos	0.01

¹ Asbestos: Occupational Safety and Health Administration (OSHA) Permissible Exposure Limit (PEL) = 0.2 f/cc; OSHA Action Level = 0.1 f/cc; Environmental Protection Agency (EPA) guideline level for clearance of an asbestos abatement action = 0.01 f/cc. Samples collected on a 0.8 micron, 25 mm diameter, MCE filter with a cowl extension. Samples analyzed by NIOSH 7400 Method (A Rules).

NOTE: Plumbing repair work in the plenum of several offices and hall areas on November 9-11, 1990, left visible dust on desks, bookcases and file cabinets.