

JOHN A. JURGIEL & ASSOCIATES, INC.

*Occupational Health and Safety Consultants*2002 CONCOURSE DRIVE
ST. LOUIS, MISSOURI 63146
(314) 367-7488

July 30, 1985

Mr. Bob Suter
Insulating & Materials Corp.
1042 Central Industrial
St. Louis, Missouri 63110Re: Results of area air samples during asbestos removal on pipe
rack in CCU.

Dear Bob:

To determine if asbestos fibers were being released outside the controlled area during the removal of asbestos insulation from the pipe rack in the CCU, air samples were collected around the perimeter of the removal area. These samples were collected on July 24, 1985.

Results of laboratory analysis indicate airborne fibers levels at the boundaries of the removal area were essentially negative or at normal background levels for this unit. Based on these findings, it would appear that the areas adjacent to the demolition site are free from health hazards associated with this operation. Sampling results are contained in the attached table.

Should you have any questions regarding our report please feel free to call.

Sincerely,


Douglas N. Nimmo
Certified Industrial Hygienistcc: V. J. Grizzle (Shell Oil Company)
Chuck Spann (Strange & Coleman)

DNN/kn

LAM 019565

ABS-000376

RESULTS OF
AREA AIR SAMPLES AT CCU INSULATION
REMOVAL FROM PIPE RACK
July 24, 1985

SAMPLE NO. TIME ON - OFF	LOCATION	FIBERS ¹ PER CUBIC CENTIMETER
CCU-1 1110-1424	At entrance to CCU control room downwind	N.D. ²
CCU-2 1111-1422	At southeast corner of removal area downwind	N.D.
CCU-3 1109-1422	West edge of pipe rack upwind for removal	<D.L. ³

¹ All samples were collected with MSA model G pumps that were calibrated to a flow rate of two liters per minute. The collection media was 25mm, 0.8 micron MCE filters.

² When 100 randomly selected microscopic fields are negative for fibrous materials the sample is reported as None Detected.

³ Detection limit for phase contrast-microscopy for the volume collected is 0.03 f/cc.

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