PLAINTIFF'S EXHIBIT

UC-2931

INDUSTRIAL HYGIENE RESULTS

DATE: June 2, 1983.

PROJECT: Measure asbestos exposure to employees of the Process & Unit Control Laboratory.

DATE OF SAMPLES: 3-10-83, 3-15-83, 3-16-83

SUMMARY:

During the two minutes required to prepare a pressure filter for use in filtering a sample, one Lab employee was exposed to 1.82 asbestos fibers per cubic centimeter of air. This exposure is less than the Ceiling limit of 10 fibers/cc established for asbestos.

On 3-15-83 and 3-16-83 lab employees were exposed to 0.03 and 0.07 asbestos fibers per cubic centimeter of air. Monitoring periods were 396 and 415 minutes, respectively. These exposures are less than the 8 hour time weighted average permissible exposure limit of 2 fibers/cc for asbestos.

RECOMMENDATIONS:

1. Request additional monitoring of filter preparation.
2. Share this information with lab employees.

ASBESTOS FIBERS/CC	DATE	SAMPLE TIME, MINUTES	OPERATION	RESPIRATOR WORN	SAMPLE TYPE/METHOD		OPERATOR
1.82	3-10-83	2	Preparing pressure filter for use	No	P	FC	DHB,Jr.
0.03	3-15-83	396	Normal lab operations	No	P	FC	RRB
0.07	3-16-83	415	Normal lab operations	No	P	FC	RGC

FC = filter cassette P = personal

DISCUSSION: Personnel in the Process/Unit Control Laboratory use filter pads coated with asbestos fiber to filter some of the process samples they receive. They requested that asbestos exposure monitoring be performed. We sampled for peak exposure during the time a filter was being prepared for use, ar for >6 hours as an estimate of full shift exposure, because an individual might perform several filtrations during an 8 hour shift.

METHOD OF ANALYSIS: Microscopy

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