WV-0219 #42

PLAINTIFF'S EXHIBIT

UC-3064

INDUSTRIAL HYGIENE RESULTS

DATE: July 1, 1987.

PROJECT: Monitor insulators for asbestos exposure while using glove bags to strip T-111 in Tank Farm 4 in Silanes.

DATE OF SAMPLES: 4/30/87

SUMMARY:

SAMPLE	TYPE	TIME START	TIME STOP	MINUTES	RESULTS	PEL TWA8
Z-9225	BZ	12:54	13:34	40	0.14 f/cc	0.2 f/cc
Z-9226	BZ	12:57	13:34	37	<0.03 f/cc	0.2 f/cc

DISCUSSION: During the short sample time the fiber concentrations were below the PEL TWA_8 of 0.2 f/cc. Sample Z-9225 was slightly above the action level. Due to the short duration of sampling neither are truly indicative of an 8 hour exposure. The insulators wore breathing air. Glove bag method was used.

RECOMMENDATIONS: Share this information with insulators. Continue to request I.H. monitoring.

METHOD OF ANALYSIS: Microscopy

DATA AND REPORT BY: C. R. McMillan/T. L. Grittie

ANALYSIS BY: JHM Labs

COPY TO: D. G. Beddow, D. A. Boggs, A. A. Cosper, E. L. Doerflein, J. K. Kyle, R. P. Leichliter, K. B. Purinton, W. V. Summers, G. W. Wulfert.

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WV-0219 #43

INDUSTRIAL HYGIENE RESULTS

DATE: July 1, 1987.

PROJECT: Monitor Poly I control room for exposure potential to asbestos. Asbestos insulation is above the ceiling tiles and concern was expressed over the potential for a hazard to exist in the control room.

DATE OF SAMPLES: 4/29/87

SUMMARY:

SAMPLE	TYPE	LOCATION	TIME START	TIME STOP	MINUTES	RESULTS	PEL TWA12
Z-9221	Source	Next to crawl space near missing ceiling tile above Bailey	9:20	16:10	410	<0.003 f/cc	0.13 f/cc
Z-9222	Area	Operators desk	*	*	98	0.01 f/cc	0.13 f/cc

*The pump shut off at some point during the sampling but ran for 98 minutes at the flow rate.

DISCUSSION: Both samples were below the TWA_{12} PEL as well as the action level.

RECOMMENDATIONS: Conduct personnel monitoring for operator spending the most time in that area. Share the above results with personnel in that area. Notify IH if the ceiling tiles are to be removed.

METHOD OF ANALYSIS: Microscopy

DATA AND REPORT BY: T. L. Grittie

ANALYSIS BY: JHM Labs

COPY TO: D. G. Beddow, D. A. Boggs, E. L. Doerflein, T. K. Ioannou, J. K. Kyle, L. P. Smith.

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