

INDUSTRIAL HYGIENE RESULTS

DATE: April 8, 1983.

PROJECT: Measure airborne asbestos fiber concentrations on the east side of #3 boiler.

DATE OF SAMPLES: 2-17-83, 3-2-83

SUMMARY: The three results reported here are less than the OSHA PEL of 2 fibers per cubic centimeter (F/CC).

<u>F/cc</u>	<u>DATE</u>	<u>SAMPLE TIME, MINUTES</u>	<u>LOCATION</u>	<u>SAMPLE TYPE</u>	<u>METHOD</u>
0.07	2-17-83	36	Top level east side #3 boiler near Graver tank	Area	FC
0.32	2-17-83	34	One level below top #3 boiler near Graver tank	Area	FC
0.08	3-2-83	30	East side #3 boiler near top T-606, requested by K. R. Mosley, no insulation work being performed.	Area	FC

RECOMMENDATIONS:

Charles Keatley
Request additional monitoring during asbestos
insulation removal.

*Detection limit ?
accuracy at < 1 f/cc ?*

DISCUSSION:METHOD OF ANALYSIS:

Microscopy

DATA AND REPORT BY:

H. G. Kuntz/K. E. Williams

ANALYSIS BY:

IHI - Kemron

COPY TO:

✓ M. W. Bosserman, T. Bossick, R. E. Crum,
J. E. McDermott, J. B. Mickey, F. M. Plechaty

K. E. Williams
K. E. Williams

IHI-KEMRON

901 Highland Avenue, Williamstown, WV 26187 (304) 375-5800

KM-25-0017-83
March 28, 1983

Union Carbide Corporation
P. O. Box 180
Sistersville, WV 26175
Attn: K. E. Williams

ASBESTOS FIBER COUNT ANALYSES
(P. O. No. 380-519727-1)

<u>UCC NO.</u>	<u>IHI-KEMRON NO.</u>	<u>FIBERS COUNTED</u>	<u>SAMPLED</u>	<u>FIBERS CC</u>	<u>OSHA FIBERS CC LIMIT</u>
Z-4535	83-486	4,886	72,648	0.07	2.00
Z-4536	83-487	21,986	68,544	0.32	2.00
Z-4604	83-488	4,886	59,370	0.08	2.00

Charles L. Keatley
Charles L. Keatley
Industrial Hygienist

Baton Rouge, LA • Chicago, IL • Detroit, MI • Houston, TX • Huntington, NY • Madison, NJ

UCC 016196