

I . N . T . E . R

O F F I C E

MEMO



To: KENT MORTON

From: Vi LAU-A

Subject: ASBESTOS SURVEILLANCE DURING ENCAPSULATION

Date: APRIL 3/97

cc: D. POWER, A. JONES, B. CROSS

ENVIRO - TEST LABORATORIES WAS RECOMMENDED
BY LYNN STEAR, OCCUPATIONAL AND HYGIENE
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PAGE 2ENVIRO-TEST CHEMICAL ANALYSIS REPORT

TEST: Fibers/Filter

METHOD:NIOSH 7400A

SAMPLE DESCRIPTION	LAB-ID	RESULT Fibers	D.L.
1-P Personal	E703090-01	NA	10000
2-C Cottrell } 2-25-97	E703090-02	ND	10000
3-R Roaster } 2-25-97	E703090-03	ND	10000
4-P Personal	E703090-04	NA	10000
5-R Roaster } 2-26-97	E703090-05	ND	10000
6-C Cottrell	E703090-06	ND	10000
7-P Personal	E703090-07	ND	10000
8-R Roaster } 2-27-97	E703090-08	ND	10000
9-C Cottrell	E703090-09	ND	10000
10-P Personal	E703090-10	ND	10000
11-C Cottrell } 2-28-97	E703090-11	ND	10000
12-R Roaster } 2-28-97	E703090-12	ND	10000
13-P Personal	E703090-13	ND	10000
14-C Cottrell } 3-1-97	E703090-14	NA	10000
15-R Roaster } 3-1-97	E703090-15	ND	10000
16-P Personal	E703090-16	ND	10000
17-R Roaster } 3-2-97	E703090-17	ND	10000
18-C Cottrell	E703090-18	ND	10000

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E703313 Cont...
PAGE 2**ENVIRO-TEST CHEMICAL ANALYSIS REPORT**

TEST: Fibers/Filter

METHOD:NIOSH 7400A

SAMPLE DESCRIPTION	LAB-ID	RESULT <i>Fibers</i>	D.L.
SAMPLE #19 PERSONAL	E703313-01	ND	10000
SAMPLE #20 ROASTER } 3-3-97	E703313-02	ND	10000
SAMPLE #21 COTTRELL	E703313-03	NA	10000
SAMPLE #22 PERSONAL } 3-5-97	E703313-04	ND	10000
SAMPLE #23 ROASTER	E703313-05	ND	10000
SAMPLE #24 BAGHOUSE	E703313-06	ND	10000
SAMPLE #25 PERSONAL } 3-7-97	E703313-07	ND	10000
SAMPLE #26 ROASTER	E703313-08	ND	10000
SAMPLE #27 CARBON PLANT	E703313-09	ND	10000

THIS IS THE LAST PAGE OF THE REPORT EXCLUDING APPENDICES

Appendix A Test Methodologies**Fibers/Filter****METHODOLOGY:**

NIOSH 7400, A rules

For results over 48,000 fibres/filter, results reported is within 51-213% of reported value at 90% confidence. This range will increase with lower fibre loadings. NIOSH, 4th. ed. recommends that due to high inaccuracies at lower values that the minimum level reported be increased to 39000 fibres/25 mm filter (78.5 fibres counted in 100 fields). Results in this report are reported to a minimum detection limit of 10000 fibre/25 mm filter (20 fibres per 100 fields) but these results should be used with caution.

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