

BROWN & ROOT U.S.A., INC.
SHELL DEER PARK MANUFACTURING COMPLEX

INTEROFFICE MEMO

ENVIRONMENTAL AND SAFETY	
5-25-88	A. J. Schmit
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7243

PLAINTIFF'S EXHIBIT

SH-3214

TO: Jimmy Hearn - SBS Project
FROM: Bill Smithson
DATE: May 20, 1988
RE: Asbestos Monitoring Results

Industrial hygiene monitoring was conducted with your personnel during the BPA-4 Asbestos Removal Project. The purpose of the monitoring was to determine employee exposures to asbestos during piping insulation removal activities.

As summarized in the Attachment, personal air sampling results were within the Occupational Safety and Health Administration (OSHA) permissible exposure limits. A review of the sampling data sheets indicated proper protective clothing and respiratory protection were worn by the employees during the monitoring period.

According to the OSHA regulations you must communicate the report to the affected employees and I would encourage posting of the report in an area accessible to other similar craft personnel for their review also.

If you have any questions concerning this report, call me at 476-6917.

WJS:kc

Attachment

cc: *Allen Schmit - Shell Industrial Hygienist
Ken Dessert - Capital
Jerry Stallings - Maintenance

LAM 006298

DPMC-18163

BROWN & ROOT U.S.A., INC.
ASBESTOS MONITORING RESULTS
SHELL DEER PARK MANUFACTURING COMPLEX

<u>AREA:</u>		<u>BPA-4</u>	<u>JOB ACTIVITY:</u>			
			(1) & (2) Removed ACM from Piping;			
			(3) & (4) Handled Bags of ACM;			
			(5), (6), (7) & (8) Area Samples.			
<u>NAME</u>	<u>SOC. SEC. NUMBER</u>	<u>JOB TITLE</u>	<u>SAMPLE DATE</u>	<u>SAMPLE DURATION (MINUTES)</u>	<u>TIME-WEIGHTED AVERAGE RESULT (FIBER/cc) #1</u>	<u>CALCULATED 8 HOUR TWA</u>
(1)		Insulator	05-03-88	270	< 0.008	
(2)		Insulator	05-03-88	240	0.020	
(3)		Insulator	05-03-88	275	0.030	
(4)		Insulator	05-03-88	245	0.040	
(5)	Area Sample - East Side of ERU #4 Control Room		05-03-88	480	< 0.005	
(6)	Area Sample - North Side of ERU Control Room		05-03-88	480	0.010	
(7)	Area Sample - North Side of ERU Control Room, East of Piping		05-03-88	480	< 0.005	
(8)	Area Sample - East Side of ERU #4 Control Room		05-03-88	480	< 0.005	

DPMC-18164

Permissible Exposure Limit..... 0.2 F/cc

1) Fiber/cc - Fibers Of Asbestos Per Cubic Centimeter Of Air.

LAM 006299