

Shell Oil Company • Shell Chemical Company

A Division of Shell Oil Company



Deer Park Manufacturing Complex  
P.O. Box 100  
Deer Park, Texas 77536

PLAINTIFF'S EXHIBIT

SH-814

December 4, 1986

Brown & Root, Inc.  
ATTN Mr. Bill Smithson  
c/o Shell Intercompany Mail

Dear Sir:

Attached are the Industrial Hygiene sampling results for asbestos collected on Brown & Root insulators while removing insulation in A Department. All results were significantly below the OSHA permissible exposure limit of 2.0 fibers/cc of air, eight-hour time-weighted average.

We appreciate the cooperation of your employees for participating in this important endeavor. We encourage you to communicate these results to your personnel.

If you have any questions, please call me at 476-7374.

Sincerely,

A handwritten signature in cursive script that reads "A.F. Schmit".

A.F. Schmit  
Staff Industrial Hygienist  
Health & Safety

Attachment

bc: W.F. Nail  
ECB Satellite  
AFS Chron

DPMC-05738

LAM 009280

# MONITORING RESULTS FORM

DEPARTMENT/PROCESS: A OPERATIONS JOB DESCRIPTION: INSULATOR (BROWN & ROOT)

| NAME | SSN     | DATE | TIME | SAMPLE RESULTS (F/CC)             |                 |  | SAMPLE PERIOD (MIN) | WORK DESCRIPTION                                         | (1) 8-HR TWA | (2) RESP |
|------|---------|------|------|-----------------------------------|-----------------|--|---------------------|----------------------------------------------------------|--------------|----------|
|      |         |      |      | ASBESTOS GUIDE-LINE = 2 FIBERS/CC | CALC. 8 HR. TWA |  |                     |                                                          |              |          |
|      | 11-4-86 | 0810 | 1520 | 0.01                              | <0.01*          |  | 360                 | Removed asbestos insulation from piping in A Department. | X            | X        |
|      | 11-4-86 | 0813 | 1520 | 0.04                              | 0.03*           |  | 360                 | Removed asbestos insulation from piping in A Department. | X            | X        |
|      | 11-4-86 | 0815 | 1520 | 0.11                              | 0.08*           |  | 358                 | Removed asbestos insulation from piping in A Department. | X            | X        |
|      | 11-5-86 | 0800 | 1528 | 0.02                              | 0.02*           |  | 377                 | Removed asbestos insulation from piping in A Department. | X            | X        |
|      | 11-5-86 | 0755 | 1528 | 0.03                              | 0.02*           |  | 386                 | Removed asbestos insulation from piping in A Department. | X            | X        |
|      | 11-5-86 | 0758 | 1528 | SAMPLE INVALID.                   |                 |  |                     |                                                          |              |          |

exposure assigned remainder of shift.  
(No additional exposure to asbestos occurred.)

DPMC-05739

- (1) X indicates that the sample result is a measure of the eight-hour time-weighted average exposure.  
(2) X indicates that a respirator was worn during the sampling period.

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