

SHELL OIL COMPANY

PLAINTIFF'S EXHIBIT

SH-1993

TO DEER PARK MANUFACTURING COMPLEX -
GENERAL MANAGER

DATE DECEMBER 12, 1977

FROM GENERAL MANAGER MANUFACTURING

MANUFACTURING COMPLEX MANAGERS
MARTINEZ WILMINGTON
NORCO

SUBJECT ASBESTOS - MEDICAL MONITORING

REFINERY MANAGERS
ANACORTES WOOD RIVER
ODESSA/CINIZA (2)

CHEMICAL PLANT MANAGERS
DENVER MOBILE
EL PASO PRINCETON
GEISMAR WOODBURY
MARIETTA

In 1972, we advised that all employees whose jobs required them to work regularly with asbestos or asbestos-containing products which exposed them to TWA levels above 1 f/cc should be included in the Corporate Medical Program.

On June 28, 1977, the U.S. Court of Appeals for the District of Columbia ruled that the asbestos standard requires medical examinations for those in occupations exposed to airborne asbestos "in any measurable concentration". A letter from Dr. Joyner, along with a legal opinion from Brynn Aurelius, suggest a change in our 1972 advice.

On this basis, we are revising our 1972 guidance to include in the medical surveillance program all employees who are regularly exposed to asbestos fibers greater than 5 microns long in concentrations above 0.1 f/cc for 8 hour TWA. We believe this is a reasonable level for defining "exposure" quantitatively at this time. The intent is to include people who work with asbestos-containing products on a regular basis. For example, candidates for exposure monitoring would include the maintenance man who repairs asbestos-containing insulation or the one who cuts it from around valves on a regular basis.

We anticipate that this new protocol will require you to identify those jobs in which people may be "regularly" exposed, conduct appropriate monitoring to determine the exposure level and include in the medical monitoring program those exposed above 0.1 f/cc TWA. Please provide to Dr. Joyner a list of employees who are included in the medical monitoring program.

It has been shown that people who both smoke and work with asbestos are several times more at risk to develop lung cancer than those who work with asbestos, but don't smoke. People who are identified as having asbestos exposure should be fully informed about this synergistic effect.

ABS-003101

Should you have any questions, please contact the Manufacturing -
Safety and Health Department.

W. A. Carpenter, Jr.
W. A. Carpenter, Jr.

WMC:pjw

Attachments

cc - Messrs. R. E. Joyner, M.D.
H. L. Kusnetz
M. B. Slomka, M.D.