

1/28/83

TO: R.L. McClure

K.C. Weis

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FILE only

J. H. Watts

G. F. Airey

J. W. Trier

H. J. Ducote

B. J. Madera

J. K. Moon, M.D.

FROM: L. T. Freeland

Beaumont Works Asbestos Review & Program.

Attached for your information is a review of the
"Asbestos Program" at Beaumont. Please contact me when
convenient to conduct any of the monitoring or reviews.
Scheduled for 3 or 4 Q '83 but can complete earlier.
I plan to visit the laundry and review their asbestos
handling practices (Note will follow).

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1-26-83

RISK EVALUATION - BEAUMONT WORK PRACTICES FOR HANDLING ASBESTOS

- Results of discussions with Guy Aney, John Trier and H. J. Puente 1/18/83.
Included was a visit to Storeroom to see how gaskets and Asbestos was handled and stored.

- Asbestos Rope is received on spools encased in heat shrinkable P.E. film or sealed with no exposed asbestos. These spools are not opened by Stores personnel but are given intact to Engrs. Div. for use in the field. No asbestos handling or airborne contamination problems in Storeroom or even a potential exposure of personnel. The core of the spool is solid. No escape of asbestos fiber from the package.

- Asbestos paper for gaskets are received in much the same type package. Solid spool with sealed ends with tape and wrapped in heavy duty brown manilla paper. Dispensed in the same manner as the rope. Again no problem with any airborne asbestos fibers.

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- Stores personnel are annually trained on proper handling of asbestos and all the associated health hazards.
- Monitoring has been conducted by H. J. Duarte in the past when these types of asbestos are handled in Engg. Div. shops. Results are generally ≤ 0.1 fibers/cc. For disposal of old/used asbestos it is sealed in marked P.E. Bags and added to the special asbestos waste dumpster.
- Checks of the asbestos waste dumpster has always revealed that it contains the bags (marked P.E.) intact and with no debris on the outside. This waste dumpster is handled by a contractor and the intact.
- Engg. Division personnel have an annual review of the correct procedures for handling asbestos and the associated health hazards. Program developed and coordinated by L. Wilford and B. J. Medina. Records kept by Engg on Computer files. Program also maintained by B. J. Medina. The training program consists of tape/35mm slide presentation with student question/answer response. Very well presented program and training technique.

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Engg. personnel treat any insulation thought to be asbestos as asbestos. Includes wet removal technique and proper bag disposal. No Transite[®] is cut on plant - handled by contractor who is aware of proper asbestos technique and hazards associated. Well skilled in handling this material.

- Gasket Materials - G 1 and S 1 are for the most part pre-cut and kept in on central bin in storeroom. These gaskets can be dispensed as a package - paper wrapped or individual. Review shows little fiber on surface. Engg. Div. install in areas as dictated by pipe code or area guides. No gaskets are handled for disposal as asbestos because asbestos is well encapsulated and go to regular trash dumpsters. This trash is land filled, and not shredded or burned. Very little opportunity for release of airborne asbestos fibers. Sheet gasket material is dispensed in unwrapped pieces by Stores personnel as required by Engg. Div. personnel. Some gaskets are stored in cardboard boxes and dispensed as required. Other gaskets large diameter are attached to cardboard some in P.E. Bag covers, others open and

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some wrapped in paper. Generally diameter is $> 24"$. Some of these asbestos-impregnated gaskets are 67 to 75% encased in Teflon[®], Viton[®] or other plastics as dictated by needs/service.

Some impregnated gaskets containing asbestos are stored with spare equipment as part of the replacement package. They can be either wrapped, unwrapped or boxed.

Review of guidelines for handling are in acceptable.

Recommendations for '83

- Conduct additional monitoring 3 or 4 Q '83
 - Area monitoring in stores in vicinity of gasket and sheet stock storage
 - Personnel monitoring repeated on —
 - Mechanic cutting asbestos gasket
 - Mechanic installing gasket (AOP)
 - Mechanic handling installation of asbestos rope on valves.
 - Review storage practice of asbestos rope and paper gasket stock in Area shops

Lee J. Ireland 1/28/83

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