

UNION CARBIDE CORPORATION
ENGINEERING, MANUFACTURING, AND TECHNOLOGY SERVICES
Central Engineering
South Charleston, West Virginia

UCC BUSINESS CONFIDENTIAL

September 29, 1986

TO: Mr. J. E. Sanders

COPY TO: Mr. L. E. Calvert
Mr. S. W. Clark
Mr. G. B. Elder
Mr. R. W. Engle

FROM: C. C. Neely

SUBJECT: Proposed Technology Program in 1987
In Support of Existing Operations

In am submitting herewith an additional program in the subject category, this one in support of the work associated with the implementation of the proposed new Standard covering the phase-out of asbestos-containing materials in the work place.

Our estimate of costs includes the following:

- A total of approximately one man year of work relating to the selection of suitable non-asbestos gasket/packing materials as a function of service conditions, and revising the affected standards (or developing new standards) accordingly. This work will be conducted primarily in the Materials and Valve and Piping Skill areas. At this point we do not envision the wholesale use of new gasket/packing materials, but rather a broader use of currently used materials (e.g., reinforced Teflon, GRAFOIL™). Approximate cost: $64,500

- Printing and distribution of the revised standards. Approximate cost: $12,500

- Conducting on-site seminars at Institute, Seadrift, Sistersville, South Charleston, Taft and Texas City to explain the basis for the revised gasket/packing material selection. These seminars are recommended in view of our belief that simply reissuing the various standards with revised gasket/packing materials will not result in timely understanding and acceptance of the revised gasket/packing material specifications. Approximate cost: $16,000

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We would be pleased to provide additional information if needed.

C. C. [redacted] for the
Special Work Group on Phase-out of
Asbestos-Containing Materials

CCN:mr
0002I
Attachment

UCC 015807

PROPOSED CED TECHNOLOGY PROGRAM FOR 1987
IN SUPPORT OF EXISTING OPERATIONS

Work Associated with Implementation of C&P Recommended Program
Phase-Out Use of Asbestos-Containing Materials in the Work Place

Objectives: (1) To obtain understanding and acceptance of the Recommended C&P Program by key plant personnel.

(2) To develop C&P Standard Practices covering:
- Identification of asbestos-containing materials
- Removal, modification and/or disposal of asbestos-containing materials; and
- Use of asbestos-substitute materials

Brief Description: The primary means of obtaining U/A of key plant personnel would be by on-site seminars and written follow-up. C&P Standard Practices development work would proceed in usual manner.

Results Expected and Schedule: Would promote smooth transition to non-asbestos containing materials. Most of CED's work would be complete by July 1, 1988.

Best Judgment of Costs: $93,000

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