

Agenda Item 4.3

PIPING TECHNOLOGY

MINUTES FOR INCLUSION IN ASBESTOS TASK FORCE
GENERAL MEETING MINUTES

Addressing Section 4.4.2 of the agenda listed in C. C. Neely letter dated 3/2/87 . . .

R. W. Engle presented proposed plans for modifying the Valve and Piping Specifications using strictly GRAFOILTM products as the only replacement for asbestos. First step would entail developing new UCC "V-numbers" for those valves which are currently listed with asbestos packing and/or bonnet gaskets and no GRAFOILTM alternate. Piping Technology will maintain the old numbers unique to aid in identification of existing valves. Once the new numbers are developed, they will be transferred to the affected piping specification sheets.

Secondly, as with the valves, the existing specification names will be maintained unique by cancelling the existing suffix letters and starting with the next available letter e.g., 1C2 though 1C2E will be listed as "cancelled" and the new listing will be started at "1C2F". The acceptable line-gasket alternate for the asbestos ring will be the 1/16" thick GRAFOILTM GHE and the acceptable replacement filler for spiralwound gaskets will be GRAFOILTM Grade GTB.

The proposed schedule would target July 1988 for completion of issues to the manual; the proposed asbestos program would not be reviewed through normal Technology Manuals Standards (TMS) channels due to the nature of the changes. Piping Technology believes there to be 2-3 man-months (\$5000.00/man-month) of work involved in the transition. Approximate printing/distribution cost would run in the \$5000.00 range. An accelerated schedule may become necessary if vendors confirm earlier reports of supply problems and would definitely extend the estimated time into 3 man-months because additional technical manpower would be required. Sherry Murphree will continue to feedback on market conditions.

R. W. Engle/pae
March 24, 1987
AJ4:RWE

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PLAINTIFF'S EXHIBIT

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