cc: V. J. Labrecque
S. M. Lillis
H. W. Gosselink
G. M. Brown
D. J. Reda

July 10, 1969

File

To: W. J. Sheehan

From: C. I. Hayden

SUBJECT: PACKINGS - Supplier
SMITH & KANZLER

re: Disposition of Old 6506
Letter C. I. Hayden to
W. J. Sheehan dated 4/16/69

In the above correspondence we recommended that the 7,000 pounds of old 6506 currently located in Plant #2 be scrapped. There was some question as to whether or not this was really necessary and with the cooperation of the Control Laboratory we have developed some information on the subject.

It will be noted in the reference letter that this material being representative of the first made at Smith & Kanzler was probably of a slightly different formulation than is currently being produced. Heat aging at 250°F. in comparison with Armstrong AN-875 and new production 6506 sharply shows this difference. Our standard materials readily withstand exposure to 300°F. and remain pliable and resilient. The old material becomes very stiff and brittle at 250°F. This is a characteristic which would evidence itself in hardening of the gasket material leaving it non-resilient. Such a condition can and has resulted in leakage failure in some of our gaskets.

Based on this, we still feel that this material should be scrapped.

Materials Development Laboratory

C. I. Hayden

CIH:pt