JOHNS-MANVILLE
SALES CORPORATION
PACKINGS AND FRICTION MATERIALS DIVISION
CHESTNUT ST. AT FOURTH • PHILADELPHIA, PA. 19106 • TELEPHONE: 922-5000 • AREA CODE 216
The Mail Building

September 8th 1969

General Electric Company
1501 Roanoke Boulevard
Salem, Virginia 24153

ATT.: Mr. J.G.Copland

Dear Mr. Copland:

At our August meeting two questions were presented to us pertaining to the relaxation characteristics of the parts covered by your Drawings 151A7931 and 167A8474. I have now secured the answers.

You inquired as to the curing temperature of the Style 1257 Brake Blocks only. These Blocks are molded and receive a post bake after molding, both being done at a temperature of 300°F. During the bonding cycle the maximum temperature the Blocks are exposed to is 370°F. This means that during the entire operation the differential is only 70°F.

You also asked what effect atmospheric conditions have on our 1257 Blocks if they are not bonded to steel. Atmospheric conditions, other than temperature, should have no effect on the Blocks. Ordinary room or plant temperature would not effect these. There is a very slight opening up of the Blocks between the time they are removed from the hot mold and cooled to room temperature but this is not to the extent that the bonded Block itself does.

There appears to be no correlation of relaxation between the individual components and the relaxation encountered in the finished assembly when bonded. The important thing is that any variation should be on the plus side as now supplied to [illegible] a full Braking Area. Any reduction below the nominal could cause serious problems as we discussed.

Very truly yours

FOX RIVER BOND

R. J. [illegible]
District Sales Manager
Packings and Textiles Division

PLAINTIFF'S EXHIBIT
WV-021545
PENGAD-Bayonne, N. J.

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