PLAINTIFF'S
EXHIBIT
GF-1657

GAF CORPORATION
BUILDING PRODUCTS DIVISION
RESEARCH LABORATORIES
SOUTH BOUND BROOK, NEW JERSEY

SECRET - COMPANY CONFIDENTIAL

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INDUSTRIAL PRODUCTS - INSULATION

INSTALLATION OF EXPERIMENTAL CALSILITE AT SOUTH BOUND BROOK PLANT

INTRODUCTION: On November 8, 1970, experimental Calsilite was installed on the exhaust duct of the asphalt stabilizer heater system at the South Bound Brook plant. However, during some routine maintenance on the stabilizer heater, the experimental Calsilite was removed and discarded before it had been inspected. This duct has since been insulated again with experimental Calsilite. This report presents the details of this installation.

DISCUSSION: On February 26, 1971, experimental Calsilite containing bleached sulfate pulp was installed on the exhaust duct of the asphalt stabilizer heater system at the South Bound Brook plant. The material used for this installation was made at the Gloucester plant on August 11, 1970. The lower 3 foot section of the duct was insulated with 6" x 36" x 2" thick block. On the north side of the duct, regular Calsilite of the same dimensions was installed as a control. The remaining 3 sides were covered with experimental Calsilite. The upper 3 foot section of the same duct was covered with 6" x 36" x 1 1/2" Calsilite. Again, the north side of the duct has regular Calsilite to be used as a control while the remaining 3 sides are covered with experimental Calsilite. The Calsilite blocks are held in place by wires. No attempt was made to seal any of the joints; nor was any covering placed over the blocks. No difficulties were encountered with the installation of this experimental material. Present plans call for the insulation to be inspected periodically to determine any adverse effects due to the exposure on this duct which is reported to operate at approximately 800°F.

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