PLAINTIFF'S EXHIBIT
ASA-507

AMERICAN SMELTING AND REFINING COMPANY
CENTRAL RESEARCH LABORATORIES
SOUTH PLAINFIELD, N.J., 07080

May 19, 1966

Memo to
Dr. W. P. Roe
B U I L D I N G

Asbestos Research Program

The following items in a continuing asbestos research program were stressed by Mr. Messel during a visit to Black Lake on May 16 and 17, 1966, by W.P. Roe, C.E. Stiefken and R.G. Crane.

1. Pre-concentration of Ore

Investigate means of removing some of the barren material in the -4" +2" range from the raw ore before entrance to the dryer building, preferably by size or magnetic separation. Look into stronger magnets, etc.

2. Surface Properties of Fiber

Continue investigation of the basic surface properties of fiber.

3. Utility Value of Fiber

Search for better methods for a rapid determination of the true utility value of fiber, as contrasted to the present methods, such as the Q.S. test, Strength Unit test, etc.

4. Improvement of Lake 7 Grade Fibers

Continue to explore means of improving low group 7 Lake fibers, particularly 7R, with respect to color, surface area, etc.

5. Strength Unit Tests on Wet Screened Fractions of Various Fiber Grades

Complete series of tests now underway. Group 6 and 7 fibers should be included in addition to Groups 4 and 5.

6. New Uses for Fiber

Be alert for new uses for fiber with special reference to new developments in the use of asbestos in asphalt paving.

RGC:ais

R. G. Crane