IBM *International Business Machines Corporation*

Office of the Director of Licensing   500 Columbus Avenue, Thornwood, New York 10594
        Intellectual Property & Licensing

July 22, 1996

Ms. Frances Schrotter
American National Standards Institute
11 West 42nd Street
New York, NY   10036

        Re: Fiber Channel-Single Byte Command Code Sets (FC-SB)
              Single Byte Command Code Sets Connection (SBCON)

Dear Ms. Schrotter:

IBM is pleased to advise ANSI that, with respect to the two
above-identified standards, when each is adopted by ANSI:

        In the event the proposed standard is adopted and the
        standard cannot be practiced without the use of one or
        more issued patents, including design patents for type
        fonts but excluding other design patents, which are now
        or hereafter owned or controlled by IBM, IBM agrees
        upon written request to the IBM party designated below
        to grant a non-exclusive license under such patent or
        patents on a nondiscriminatory basis and on reasonable
        terms and conditions including IBM's then current
        royalty rates and provided a similar grant under
        licensee's patents within the scope of the license
        granted to licensee is made available, upon request, to
        IBM.

Robert Dugan of IBM has advised the X3T11 working committee of
the issued IBM patents that must be practiced to implement the
current specifications of these two (2) standards. When the
standards have been adopted, written requests for licenses under
qualifying IBM patents may be sent to:

                      Walter L. Willigan
                      Program Director
                      IBM Corporation
                      500 Columbus Avenue
                      Thornwood, NY   10594

Sincerely,

Gerald Rosenthal
Director of Licensing

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INFORMATION SYSTEMS