NCR CORPORATION

Intracorporation

NCR

Date: July 1, 1987

To ANSI X3T9.2 Working Group
Location

From David Skinner
Location NCR - Wichita, Kansas
Extension 688-8707

Discarding Volume Overflow Data--Document 102

Once a hardware error occurs on a WRITE command, and data is in the buffer, the initiator has no way of discarding data in the buffer. If RECOVER BUFFER DATA is not implemented, the target may need to be reset to continue. To allow the user a simple way of discarding data, I propose the following paragraph be added to the REWIND command.

If there is data in the buffer, and an error is encountered while the data is being written to the tape, the appropriate status shall be returned to the initiator. Any subsequent REWIND command shall cause the target to discard buffered data and issue the REWIND command.

Using this method, the user is given a simple procedure for clearing the buffer.

DS/lr

91