Four Sense Switches may be brought into play as follows:

Sense Switch B ON - permits scoping of the Test Character and Branch operations as often as desired.

Sense Switch C OFF - no printing for correct results.
ON - prints for correct results.

Sense Switch D ON - repeats the program for an individual card as often as desired.

Sense Switch E OFF - prints for error results.
ON - stops for error results.

One set of detail cards (55-62) is identified by the letter "B" in column 50; another set (63-76) is identified by the letter "N". The letter "B" or "N" is moved to Location 456 to operate as a Branch or No branch instruction as the case may be. The "B" instruction will branch to a set of instructions that will test for equal characters punched in columns 2 and 22 of detail cards (55-62). The "N" instruction will allow testing for unequal characters punched in columns 2 and 22-24 of detail cards (63-76).

The program to test for equal characters is executed in the following manner:

The character in column 2 (print position 202) is moved into Location 500 to operate as a d modifier to the Test Character and Branch instruction. This instruction will compare column 2 with column 22 (print positions 202 and 222 respectively). If equal the operation was executed correctly and programming proceeds with the next record. If unequal an error is indicated and the program branches to the Error Print Routine.

The program to test for unequal characters is executed in the following manner:

The character in column 2 (print position 202) is moved into Location 474 to operate as a d modifier to the Test Character and Branch instruction. This instruction will compare column 2 with columns 24, 23, 22 (print positions 224, 223, 222) in chain fashion. If column 2 is unequal to all three characters in columns 24, 23, 22 the operation was executed correctly and programming proceeds with the next record. If column 2 is not unequal to any one of the characters in columns 24, 23, 22 an error is indicated and the program branches to the Error Print Routine the first time the error occurs.

For error results the position of Sense Switch E determines whether the machine stops to permit console checking or prints the results with an "ERROR" indication.