Four Sense Switches may be brought into play as follows:

Sense Switch B ON - permits scoping of the Test for Zone or WM 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.

After loading the information in the detail cards for printing purposes a test is made for an * or % character in column 24 (print position 224). If either of these two characters is present a word mark is set in Location 224.

One set of detail cards (57-69) is identified by a blank character in column 41; another set (70-78) is identified by the letter "U". Column 41 is tested for a blank; if blank the program branches to a set of instructions that will test for equal zones or word marks punched in columns 1 and 24 of detail cards 57-69; if no blank a set of instructions will test for unequal zones or word marks punched in columns 1 and 21-24 of detail cards 70-78.

The program to test for equal zones or word marks is executed in the following manner:

The character in column 1 (print position 201) is moved to Location 480 to operate as a d Modifier to the Test for Zones or WM instruction. This instruction will compare the zones or word marks in column 1 with the zones or word mark in column 24 (print positions 201 and 224 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 zones or word marks is executed in the following manner:

The character in column 1 (print position 201) is moved to Location 507 to operate as a d Modifier to the Test for Zones or WM instruction. This instruction will compare the zones or word mark in column 1 with the zones or word mark in columns 21-24 (print positions 201 and 224, 223, 222, and 221) in chain fashion. If unequal the operation was executed correctly and programming proceeds with the next record. If not unequal 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.