Report on switch declaration and do statement for ACM

8. It is suggested that the description of the switch declaration be augmented by the following :

   In the switch declaration if the value of the switch variable is outside of the range of the declaration the effect will be a no operation.

21. It is recommended that the do statement be modified as follows :

   1. The name of the statement be changed to copy

   2. The units for which substitution may be made are :

      a. Identifiers of the form I

      b. Functions)
         Procedures) of the form I ( )

         Subscripted var.

      c. Arrays   of the form I [ ]

      d. Labeled statements of the form I; begin ... end

   3. All declarations that appear within the range of a copy statement will be copied

   4. Innermost copies are made first, i.e., any copy that is made will not contain a copy statement.

   5. A new statement delete is endorsed.

      a. It will be of the form

         ₹ ⌣ delete L_1, L_2

      where L_1 and L_2 are labels. No substitution list should be included with a delete statement.

      b. The delete statement will cause all expressions and statements in the range L_1 to L_2 to be deleted from the object program.

      c. All copies are must be performed before any deletions take place.

                                                      C. KATZ