URGENT INSTRUCTION OR INFORMATION SUPPLEMENT
CUSTOMIZED WIRING INSTRUCTION (CWI)
(USERS INFORMATION)

1.   GENERAL

1.1   Recent changes and additions to the CWI program has improved
          the output provided for the installer. The following
paragraphs reflect these changes and clarify instructions.

2.   INSTRUCTION

2.1   Cross-reference the additions and changes to paragraph
          numbers associated with Section 40G dated June 6, 1980.

          Paragraph 4.124 and 4.222

          ADD/REMOVE

                    Identifies the work operation for the line entry.
                    (e.g., A = Add, R = Remove, A* = Reconnect, etc.)

                    Permissible Entries

                    For Surface Wiring, Loose Wiring, Strapping,
                    Switchboard Cable, "PT" Apparatus

                    A = Add
                    R = Remove

          Please Note: Surface Wiring, Loose Wiring, Strapping,
                        Switchboard Cable, and "PT" Apparatus
                        Records will appear once in the output (No
                        Line Reversal). The Installer performs the
                        work operation on both the "From" and "to"
                        sides of the line.

For LOCAL CABLE

```
R   = Remove.
R*  = Disconnect.  (To be later reconnected per A*)
R:  = Remove.
RS  = Remove and Spare.
D   = Preliminary Disconnect.
D*  = Preliminary Disconnect.  (To be later connected by C*)
D:  = Preliminary Disconnect.
A   = Add.
A*  = Reconnect (Lead previously disconnected by R*)
A:  = Add.
C   = Preliminary Connect.
C*  = Preliminary Reconnect.  (Lead previously disconnected
      by D*)
C:  = Preliminary Connect.
```

When the entries A, C, D or R are followed by any character (*,S,:),
the records appear only once in the output (no line reversal). The
Installer performs the work operation on the "From" side of the line
only.

When the entries A, C, D or R are used without any characters
(*,S,:), the Installers work operation will be performed on the
"From" side of the line only, since the program will later
generate a line reversing the information due to the top to
bottom frame connecting sequence. This second appearance of the
line will be identified in the output as follows:

| | Program's |
| Input | Second Appearance Line |
Entry	Entry Identification
A	A#
C	A#
D	R
R	R

Please Note: "C" and "D" entires are to be used only when the
              analyst determines the wiring condition to be in
              advance of the basic modifications.

Paragraph 4.127 and 4.225

PLATE NUMBER

Identifies the plate number assigned by the input writer.
A positive number will read 0 to 9999. Negative numbers
-01 to -999 will be used to indicate out of bay and mis-
cellaneous locations.

Paragraph 4.127 and 4.225

TERMINAL NUMBER

Identifies the terminal number of the component entered.

The letter "F" preceding the terminal number designates the wire to be connected on the <u>front</u> of the respective terminal strip.
(e.g., F9)

The letter "F" with a dash (-) preceding it when placed behind the Terminal Number designates <u>"F" stitch</u> wiring.
(e.g., 9-F)

The word "ALL" is also valid.

Paragraph 4.126 and 4.224

LOCAL CABLE

Identifies the type of connection between terminal points.

<u>Permissible Entries</u>
LC = Local Cable
SW = Surface Wire
LW = Loose Wire
CA = Switchboard Cable
PT = Pigtail Apparatus
(If "PT" is indicated for Pigtail Apparatus, a reference to a note number which specifies the code of pigtail apparatus is made in the note field (see note file).

                              Engineering Planning Manager
                                    (Installation)