

The following statement produces a compilation error:

```
*****          ENCODE(K*J,10,A) I,JK
*****          ↑
*****          S-1 SYNTAX
```

Note also that a similar restriction applies to logical device numbers in READ and WRITE statements.

3. PDP-10 RANDOM AND SEQUENTIAL FILE ACCESS

Users should not attempt to mix random and sequential modes of access for the same file in a FORTRAN program. The following rules for reading and writing FORTRAN files should be observed.

- (a) A logical unit may not be used for sequential and then random input/output in the same program unless an intervening CALL to RELEASE is issued. For example, if sequential input/output is done to unit 10, then random input/output to unit 10 is illegal and will fail.
- (b) Before random input/output is performed through a READ or WRITE statement, the file must be properly defined through a DEFINE FILE.
- (c) CALLs to IFILE or OFILE open files for sequential input/output. They must not be issued for logical units to be used for random input/output. If it is desired to open a file for sequential input/output on a unit that has been used for random input/output, a CALL to RELEASE must be issued before a CALL to IFILE or OFILE.