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## MONITORING L.S. OPERATIONS

In some programs it is necessary to wait for the first word to be transferred before performing some operation. In so doing, the word count in the bookkeeping word is generally used. However, if the program and bookkeeping are in different memory banks a timing problem may be encountered. The SLO instruction has an unused memory cycle after accessing the SLO instruction and before accessing the control word. Therefore, if the program accesses the bookkeeping word immediately after executing the SLO, it will obtain whatever was in that register before the bookkeeping word is set. This situation may be avoided by placing any instruction between the SLO and the instruction accessing the bookkeeping word or by using an XEC, following the SLO, to execute the bookkeeping accessing instruction.

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