Sensitive code versus interrupt routines

A) Sensitive code will turn off all interrupts.

Algorithm:

1. to do sensitive
2. set flag
3. do sensitive code
4. unset flag
5. check to see if any are waiting
6. interrupt routine will then extend
7. check flag
8. end set

Put name on 250s back (250s in my hand under house)
9. want
   parsed

10. mode ????
PPO interrupt procedure

check BP in XJ proc due since interrupt preceded
interrupt - go away (interrupt still in process)
zero

add XJ
set to 1 (note: CP will not attempt to modify)
will take (1 sec)

CP proceeds

compute

check BY cell

zero

Montana do me C65 (or 2 C65's)
event channels

2 cases

a) queue of events
   name
   data word

b) great waiting processes

3 ops

0) place an event on a channel
   unless what happened is returned
   i) if process queue of a channel empty
      place your name
      and data word on no event queue
      ii) if process queue non empty
      give the process
      your name
      data word
      and wake up

b) get an event from an event channel
   i) if event queue empty
   get
   ii) if event queue non empty
   get 1st event consisting of
   a process name
   a data word

c) get an event from an event channel if any
   i) if event queue empty
   false