checkfor_storagefull(npages)

pagesleft = (*Next_MDSpage_word & 0xffff) - (*Next_Array_word & 0xffff) - PAGESPER_MDSUNIT

*STORAGEFULLSTATE_word == NIL   set_storage_state()

\SFS.NOTSWITCHABLE

\SFS.FULLYSWITCHED

PAGESLEFT <0

MPERROR   "Storage completely full"

((pagesleft< GUARD1STORAGEFULL) && (*STORAGEFULL_word !=NIL))

*STORAGEFULL_word = NIL

printf("STORAGE NEARLY FULL !!!!\n")

*STORAGEFULL_word=ATOM_T
int_state=(INTSTAT *)Addr68k_from_LADDR (*INTERRUPTSTATE_word)
int_state->storagefull=T
*PENDINGINTERRUPT_word =ATOM_T
return(T)

(*STORAGEFULL_word== NIL)

printf("checkfor_storagefull:DORECLAIM")

Want MDS

\SFS.SWITCHABLE

PAGESLEFT <=0

*LeastMDSPage_word= *Next_Array_word
*Next_MDSpage_word= *SecondMDSPage_word
advance_storagestate(SFS_FULLYSWITCHED)
advance_array_seg(*SecondArrayPage_word & 0xffff)
return(0)

NPAGES ==NIL

NPAGES> PAGESLEFT

*LeastMDSPage_word= *Next_Array_word
advance_storagestate(SFS_ARRAYSWITCHED)
advance_array_seg(*SecondArrayPage_word & 0xffff)
return(0)

Want array space

return(T)

switch (*STORAGEFULLSTATE_word & 0xffff)

\SFS.ARRAYSWITCHED

((*Next_MDSpage_word & 0xffff) <(*LeastMDSPage_word & 0xffff))

*Next_MDSpage_word= *SecondMDSPage_word
return(advance_storagestate(SFS_FULLYSWITCHED))

return(T)

(npages != NIL)

((npages + GUARDSTORAGEFULL) >= ((*SecondMDSPage_word & 0xffff)- (*Next_Array_word & 0xffff)))

return(NIL)

error(Shouldn't)

((pagesleft < GUARDSTORAGEFULL) || (npages !=0))

return(NIL)