TABLE 1. FEP responses to BEP commands received during a science or bias run

Value of fp->bepCmd.type	Function Called	Description
BEP_FEP_CMD_BIAS	`fepNackCmd`	This command is unanticipated while a science or bias run is in progress.
BEP_FEP_CMD_CCLK	`fepNackCmd`	This command is unanticipated while a science or bias run is in progress.
BEP_FEP_CMD_FIDPIX	`fepNackCmd`	This command is unanticipated while a science or bias run is in progress.
BEP_FEP_CMD_PARAM	`fepNackCmd`	This command is unanticipated while a science or bias run is in progress.
BEP_FEP_CMD_RESUME	`fepAckCmd`	Signal that processing is to be resumed by clearing the FP_SUSPEND bit in fp->flags.
BEP_FEP_CMD_STATUS	`FIOwriteCmdReply`	Call `FIOwriteCmdReply` directly to reply to the BEP, passing as argument the current *`fp->fepStatus`* structure.
BEP_FEP_CMD_STOP	`fepAckCmd`	Signal that the run is to be terminated by setting the FP_TERMINATE bit in fp->flags.
BEP_FEP_CMD_SUSPEND	`fepAckCmd`	Signal that processing is to be temporarily suspended by setting the FP_SUSPEND bit in *`fp->flags`*. The suspension is performed entirely by the science process.
BEP_FEP_CMD_TIMED	`fepNackCmd`	This command is unanticipated while a science or bias run is in progress.
Any other value	`fepNackCmd`	–