NAME

    gen_rng - locate specified entry in generic range data file

SYNOPSIS

    #include <gen_rng.h>

    char *gen_rng(ofcnam,feature,featfun)
    char *ofcnam;
    char *feature;
    char *featfun;

DESCRIPTION

Gen_rng searches an appropriate generic range file to see if an
entry corresponding to the specified feature and featfun exists.
If the entry does not exist, the value **GRR_ENF** is returned.   If
the requested entry does exist, then the starting address of the
entry is returned to the calling routine. If an error is detect-
ed, a negative value is returned as discussed below.

The user should note that the generic range record is terminated
by a null and data should be extracted from the record via the
structure members defined in the header file, gen_rng.h.

The argument ofcnam is a null-terminated string that identifies
the office for which the feature is being performed. The office
name steers this subroutine to a particular /type?? directory
wherein resides the generic range file that is to be used.

The argument feature is a null-terminated string that identifies
which feature is to be performed. Examples are **rcb** for RC:BUILD
and **sca** for Scheduled Common Analysis.

The argument featfun is a null-terminated string that identifies
which one of the feature's functions is to be performed. For ex-
ample, the feature **sca** has several functions, such as **spa** for
Switched Path Analysis, **eca** for External Circuit Analysis, and
nca for Network Controller Analysis. If a feature has only one
function, then this argument may contain a null string.

FILES

    /usr/include/gen_rng.h which specifies the structure of a generic
    range file entry.

LIBRARY

    /lib/lib1.a

SEE ALSO

    e_output(3L)

DIAGNOSTICS

If this subroutine detects an error, an Output Message (OM) is
generated by one of the standard OM generation subroutines, but
not printed. The value **GRR_ERR** is returned to the calling

routine.   If the calling routine wishes to print the stored OM,
it may call one of the standard OM outputting subroutines, such
as e_output(3L).

BUGS