Purpose:
To inform customers of an upgrade modification which will extend the service life of SAC-S03 through SAC-S33 and MCS-S03 through MCS-S33 Servo Drives. This bulletin does NOT apply to SAC-S45 and MCS-S45 servo drives.

All customers known to have purchased drives affected by this upgrade were mailed a copy of this bulletin in November 1993.

Description:
Changes made in the design of these servo drives manufactured after September 14, 1990 improve the service life of these drives in high ambient temperature, high duty cycle applications. Without this modification, drives operating under these conditions may experience unacceptable failure rates within the first three year of use. While service life will always be affected by ambient temperature and duty cycle, drives with this modification are expected to provide good service for a minimum of five years from the date of original manufacture.

Applicability:
This upgrade is applicable to drives with the following serial numbers:

#xxxx-xx-x
or
S#xx-xx-x
or
RAxxxx-##x-xx

Where: x is any number or letter
# is the number 7, 8, 9 or 0
S is the letter S

All other, more recent, serial numbers have the upgrade installed at the time of manufacture.
These drives can also be identified by examination. See figure 1 below.

**Figure 1, Drive Identification**

S03A, S04B, S08C, S12D, S19E, S26F, S33G

**Upgrade Procedure:**

Call ORMEC Service Department for warranty status, price and turn around time. Have the model and serial number available when you call.

**Confidential information for use by technical personnel installing, programming and maintaining ORMEC products and systems**