

Attachment 7
COMBINED QUARTERS ENGINE FAMILY FILE
(for 1% Quality Audit Testing)

| <i>Sequence</i> | <i>Data Name</i> | <i>Type</i> | <i>Length</i> | <i>Range or Domain</i> | <i>Description</i> |
|-----------------|------------------|-------------|---------------|---|---|
| 1 | QTR | C | 3 | 101 = Jan-Mar 2001 201 = Apr-Jun 2001 301 = Jul-Sep 2001 401 = Oct-Dec 2001 | First Digit = Quarter number Second and third digit = Last two digits of calendar year |
| 2 | ENGFAM | C | 12 | Example: 1XYZS.072ABC | 12-digit name for engine family from certification |
| 3 | CMQTRS | N | 1 | Example: 2 Range: 2 to 8 | Number of quarters combined to obtain at least 10 tests |
| 4 | CMCADIS | N | 5 | Example: 1235 Range: 0 to 99999 | Sum of California production numbers for the quarters combined to get at least 10 tests. |
| 5 | CMPRDSZ | N | 6 | Example: 14122 Range: 0 to 999999 | Sum of total production numbers for the quarters combined to get at least 10 tests. |
| 6 | CMSMPSZ | N | 4 | ex. 15 range: 0 to 9999 | Sum of the number of engines tested for the quarters combined to get at least 10 tests |
| 7 | CMHCNXMN | N | 3.2 | ex. 8.12 rounded per ASTM-E-29-93a to number of significant digits in standard Range: 0.00 to 999.99 | Cumulative HC + NOx mean for the quarters combined to get at least 10 tests with DFs applied, as applicable (g/hp-hr) |
| 8 | CMHCNXSD | N | 2.2 | ex. 3.14 Range: 0.00 to 99.99 | Cumulative HC+NOx standard deviation for the quarters combined to get at least 10 tests (g/kW-hr) with DFs applied, as applicable |