

#### 9.4.2 Appendix E

For Appendix E units, missing data substitution is required for any unit operating hour in which:

- One or more of the monitored QA/QC parameters is either unavailable or outside the acceptable range of values; or
- The measured heat input rate is higher than the highest heat input rate from the baseline correlation tests; or
- For a unit with add-on NO<sub>x</sub> emission controls, the controls are either shut off or cannot be documented to be working properly; or
- Emergency fuel is combusted (unless a separate correlation curve has been derived for that fuel); or
- The correlation curve from the previous test has expired, i.e., 20 calendar quarters have elapsed since the quarter of the last test, without a re-test.

Appendix E missing data substitution is fairly straightforward:

- When the QA/QC parameters are unavailable or outside the acceptable range of values, the substitute data value is simply the highest NO<sub>x</sub> emission rate from the baseline correlation curve.
- When the measured heat input rate is above the highest value from the baseline testing, there are two missing data options for NO<sub>x</sub> emission rate. Either:
  - ☐ Report the higher of the linear extrapolation of the correlation curve or the maximum potential NO<sub>x</sub> emission rate (MER); or
  - ☐ Report 1.25 times the highest value on the correlation curve, not to exceed the MER.
- The fuel-specific MER must be reported:
  - ☐ For units with add-on NO<sub>x</sub> emission controls, whenever the controls are either shut off or cannot be documented to be working properly;
  - ☐ When emergency fuel is combusted, if there is no baseline correlation curve for that fuel; and
  - ☐ When the NO<sub>x</sub> correlation curve has expired