ECR #: 26
Title: Requirement of actively driving of xRDY#
Release Date: Feb. 17, 1997
Impact: Clarification
Spec Version: A.G.P. 1.0

Summary: The rev 1.0 interface specification seems to contradict itself as to the requirement of when xRDY# must be actively driven during an A.G.P. transaction.

Background: Section 3.2.5.2. Read Flow Control, paragraph under Throttling seems to contradict footnote 11 (same page).

Change Current Specification as shown:

Current text:

Note: that **IRDY#** for the master and **TRDY#** for the target must be actively[11] driven from the first TP until the completion of the last TP.

Footnote 11, The **xRDY#** signal can be actively driven earlier when the transaction will not complete during the initial block. **xRDY#** is allowed to be deasserted and tri-stated between TPs although the timing diagrams do not illustrate this behavior.

Replace Current text with the following:

Note: that **IRDY#** and **TRDY#** must be actively driven during each TP. After a TP and before the next TP, **xRDY#** can be actively driven or tri-stated. When actively driven the state can be asserted or deasserted. When tri stated, the last agent to actively drive the signal is required to actively deassert it before tri-stating. When the transaction requires more than 4 clocks to complete, **xRDY#** is allowed to be actively driven before the first TP.