fifo-antecedent[13,45]

fifo-antecedent(es;Sys;f)
$\equiv_{\text{def}}$ $\forall e,\ e'$:E(Sys). (loc(e) = loc(e')) $\Rightarrow$ $f(e) \leq$loc $f(e') \Rightarrow e \leq$loc e'

clarification:

fifo-antecedent(es;Sys;f)
$\equiv_{\text{def}}$ $\forall e$:es-E-interface(es;Sys), e':es-E-interface(es;Sys).
(es-loc(es; e) = es-loc(es; e') $\in$ Id) $\Rightarrow$ es-le(es;$f(e)$;$f(e')$) $\Rightarrow$ es-le(es;e;e')

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http://www.nuprl.org/FDLcontent/p0_963683_/p39_485601_{fifo-antecedent}.html