thread-p-ordered[11,40]

$\forall es$:ES, p:(E$\rightarrow$(E + Top)).
(causal-predecessor(es;p) & p-inject(E;E;p))
$\Rightarrow$ ($\forall e$, e':E. same-thread(es;p;e;e') $\Rightarrow$ ((e $p<$ e' $\vee$ ($e = e'$)) $\vee$ e' $p<$ e))

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http://www.nuprl.org/FDLcontent/p0_963683_/p23_243424_{thread-p-ordered}.html