

es-le-iff^{11,40}

$\forall the_es: \text{event_system}\{i:l\}, e, e': \text{es-E}(the_es).$

$\text{es-le}(the_es; e; e')$

$\iff ((\neg(\uparrow \text{es-first}(the_es; e'))) \wedge \text{es-le}(the_es; e; \text{es-pred}(the_es; e'))) \vee (e = e')$