member-es-snds-index[11,40]

$\forall$*the_es*:ES, e':E, l:IdLnk, n:$\{0..(\|\text{sends}(l;e')\|+1)^-\}$, m:Msg.
$(m \in \text{snds}(l, \text{before}(e',n)))$
$\iff ((\exists e{:}\text{E}.\ ((e <_{\text{loc}} e') \ \&\ (m \in \text{sends}(l;e)))) \vee (\exists i{:}\{0..n^-\}.\ (m = \text{sends}(l;e')[i])))$

http://www.nuprl.org/FDLcontent/p0_963683_/p69_263008_{member-es-snds-index}.html