```
P_no_dup_deliver_safety  THM

⊢  ∀E:EventStruct. safetyR(E) preserves No-dup-deliver(E)
| by Auto THEN BackThruLemma ‘strong_safety_implies_safety‘ THEN Auto
|
|\
| .....wf .....
| 1. E : EventStruct
| ⊢  No-dup-deliver(E) ∈ TraceProperty(E)
|   by Unfold ‘trace_property‘ 0 THEN Auto
|
.\
. 1. E : EventStruct
. ⊢  R_strong_safety(E) preserves No-dup-deliver(E)  by Easy
END
```