In a language with array element assignment and list concurrency, what is the exact precondition for

```
if #A ≤ 1 then ok
else if A 0 > A (#A−1) then ok
    else A 0 := A (#A−1) || A (#A−1):= A 0 fi fi
```

to refine

```
∀ i, j: 0,..#A· i≤j ⇒ A'i ≤ A'j
```

§

```
#A ≤ 1 ∨ ∀ i, j: 1,..#A−1· A'i ≤ A'j
```