```
nd_comp_length_wf  THM

⊢  ∀Alph,St:Type, C:NComp(Alph;St). ||C|| ∈ ℤ  by UnivCD
|
1. Alph : Type
2. St : Type
3. C : NComp(Alph;St)
⊢  ||C|| ∈ ℤ  by Analyze 3 THEN Analyze 3
|
3. C : (St×Alph*)*
4. ||C||>0
5. ∀i:ℕ(||C||-1). ||2of(C[i])||>0
⊢   by Unfold ‘nd_comp_length‘ 0
END
```