```
lpower_wf  THM

⊢  ∀Alph:Type, L:Alph*, n:ℕ. (L↑n) ∈ Alph*  by UnivCD
|
1. Alph : Type
2. L : Alph*
3. n : ℕ
⊢  (L↑n) ∈ Alph*  by NatInd 3
|
|\
| .....basecase .....
| 2. L : Alph*
| ⊢  (L↑0) ∈ Alph*  by RecCaseSplit `lpower`
|
.\
. .....upcase .....
. 3. n : ℤ
. 4. 0<n
. 5. (L↑n-1) ∈ Alph*
. ⊢   by RecCaseSplit `lpower`
END
```