```
exp_wf  THM

⊢  ∀n,k:ℕ. (n↑k) ∈ ℤ  by UnivCD
|
1. n : ℕ
2. k : ℕ
⊢  (n↑k) ∈ ℤ  by NatInd 2
|
|\
| .....basecase .....
| 1. n : ℕ
| ⊢  (n↑0) ∈ ℤ  by RecCaseSplit ‘exp‘
|
.\
. .....upcase .....
. 2. k : ℤ
. 3. 0<k
. 4. (n↑k-1) ∈ ℤ
. ⊢   by RecCaseSplit ‘exp‘
END
```