```
en_bound  THM

⊢  ∀n:ℕ, l:ℕn*. en(l) ∈ ℕ(n↑||l||)  by UnivCD
|
1. n : ℕ
2. l : ℕn*
⊢  en(l) ∈ ℕ(n↑||l||)  by Analyze
|
|\
| ⊢  en(l) ∈ ℤ  by Auto
|
|\
| .....set predicate .....
| ⊢  0 ≤ en(l) < (n↑||l||)  by Analyze 0
| |
| |\
| | ⊢  0≤en(l)  by Inst Thm* ∀n:ℕ, l:ℕn*. en(l) ∈ ℕ    {en_wf} [n;l]
| |
| .\
| . ⊢  en(l)<(n↑||l||)
| .   by BackThru Thm* ∀n:ℕ, l:ℕn*. en(l)<(n↑||l||)    {en_ubound}
|
.\
. .....wf .....
. 3. k : ℤ
. ⊢  0 ≤ k < (n↑||l||) ∈ Type  by Auto
END
```