```
less_lemma1  THM

⊢  ∀m,n:ℕ. m<n+1 ⇒ m = n ∨ m<n
  by RewriteOfThm
     Thm* all
          (λm:hnum. all
                    (λn:hnum. implies
                              (lt(m,suc(n))
                              ,or(equal(m,n),lt(m,n)))))
     {hless_lemma1}
     (SimpsetC [‘hol_to_nuprl‘;‘bequal‘])
END
```