```
less_eq_exists  THM

⊢  ∀m,n:ℕ. m≤n ⟺ (∃x:ℕ. n = m+x)
  by RewriteOfThm
     Thm* all
          (λm:hnum. all
                    (λn:hnum. equal
                              (le(m,n)
                              ,exists(λp:hnum. equal(n,add(m,p))))))
     {hless_eq_exists}
     (SimpsetC [‘hol_to_nuprl‘;‘bequal‘])
END
```