```
less_or_eq_add  THM

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