```
less_eq_sub_less  THM

⊢  ∀a,b:ℕ. b≤a ⇒ (∀c:ℕ. nnsub(a;b)<c ⟺ a<b+c)
  by RewriteOfThm
     Thm* all
          (λa:hnum. all
                    (λb:hnum. implies
                              (le(b,a)
                              ,all
                               (λc:hnum. equal
                                         (lt(sub(a,b),c)
                                         ,lt(a,add(b,c)))))))
     {hless_eq_sub_less}
     (SimpsetC [‘hol_to_nuprl‘;‘bequal‘])
END
```