```
sub_less_eq_add  THM

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