```
rem_bounds_3_typing_sfa  THM

⊢  ∀a:{...0}, n:{...-1}. -(a rem n) ∈ ℕ(-n)
  by UnivCD
     THEN
     Inst:
     Thm* ∀a:{...0}, n:{...-1}. 0≥(a rem n) & (a rem n)>n
     {rem_bounds_3}
     Using:[a | n]
END
```