```
division2_sfa  THM

⊢  ∀k:ℕ⁺, r1,r2:ℕk, q1,q2:ℤ. q1·k-r1 = q2·k-r2 ⇒ q1 = q2 & r1 = r2
  by Auto THEN RemoveGuards 0
     THEN
     FwdThru:
     Thm* ∀k:ℕ⁺, r1,r2:ℕk, q1,q2:ℤ.
          q1·k+r1 = q2·k+r2 ⇒ q1 = q2 & r1 = r2
     {division1_sfa}
     on [ (-q1)·k+r1 = (-q2)·k+r2 ]
END
```