```
hanoi_seq_deepen_wf  THM

⊢  ∀a,z:ℤ, n:ℕ, s:({a...z}→{1...n}→Peg), n':ℕ.
   n≤n'
   ⇒
   (∀h:({n+1...n'}→Peg).
    (s(?) {to n} ⊕ h {to n'}) ∈ {a...z}→{1...n'}→Peg)
  by Def of <fun>(?) {to <nat>} ⊕ <fun> {to <nat>}
END
```