```
one_axiom_2  THM

⊢  ∀'a:S, e:'a.
   (∃fn:(Unit→'a). fn(·) = e)
   & (∀fn,y:(Unit→'a). fn(·) = e & y(·) = e ⇒ fn = y)
  by RewriteOfThm
     Thm* ∀'a:S.
          all
          (λe:'a. exists_unique(λfn:hone → 'a. equal(fn(one_el),e)))
     {hone_axiom_2}
     HNC
END
```