```
min_ar_sound  THM

⊢  ∀f:(ℕ→𝔹), n:ℕ, i:ℕ(n+1). f(n-MinAr(f;i;n)) = f(n)
  by UnivCD THEN NSubsetInd 3 THEN RecCaseSplit ‘min_ar‘
     THEN
     Assert (n-0 = n)
     THEN
     RWH (HypC 4) 3
     THEN
     Analyze 3
END
```