```
p_array_wf  THM

⊢  ∀T:Type, i:ℤ, j:{i...}. [T]Array{i..j⁻} ∈ Type  by UnivCD
|
1. T : Type
2. i : ℤ
3. j : {i...}
⊢  [T]Array{i..j⁻} ∈ Type  by Unfold ‘p_array‘ 0
|
⊢  {a:[T]Array | a.l = i & a.u = j } ∈ Type  by MemberEqCD
|
|\
| ⊢  [T]Array  ∈ Type  by Auto
|
.\
. 4. a : [T]Array
. ⊢  (a.l = i & a.u = j) ∈ Type  by Auto
END
```