```
lang_union_idemp  THM

⊢  ∀L:LangOver(Alph). (L U L) = L
| by Unfold ‘languages‘ 0 THEN Unfold ‘lang_eq‘ 0
|    THEN
|    Unfold ‘lang_union‘ 0
|    THEN
|    Reduce 0
|    THEN
|    UnivCD
|
1. Alph : Type
2. L : Alph*→Prop
3. l : Alph*
⊢  L(l) ∨ L(l) ⟺ L(l)  by GenUnivCD
|
|\
| 4. L(l) ∨ L(l)
| ⊢  L(l)  by Analyze 4
|
.\
. 4. L(l)
. ⊢  L(l) ∨ L(l)  by Sel 1 (Analyze 0)
END
```