```
sfa_doc_cand_example  THM

⊢  ∀k:ℕ. 0<k & (2 ÷ k)<1 ⇒ 2<k  by AndToCandLocal Auto
|
1. k : ℕ
2. 0<k
3. (2 ÷ k)<1
⊢  2<k  by Decide: 2<k THEN PointCases ℤ⁻⁰ [1 | 2] k
|
|\
| 4. ¬2<k
| 5. k = 1 ∈ ℤ⁻⁰
| ⊢  2<k  by Subst3: Hyp:-1
|
.\
. 4. ¬2<k
. 5. k = 2 ∈ ℤ⁻⁰
. ⊢  2<k  by Subst3: Hyp:-1
END
```