Inference at $*$ 1 1
 of proof for Lemma less-fast-fib:

1. $a : \mathbb{N}$
2. $b : \mathbb{N}$
$\vdash \{m{:}\mathbb{N} \mid$
  $\forall k{:}\mathbb{N}.$
  $(a = \text{fib}(k))$
  $\Rightarrow ((k \leq 0) \Rightarrow (b = 0))$
  $\Rightarrow ((0 < k) \Rightarrow (b = \text{fib}(k \text{ - } 1)))$
  $\Rightarrow (m = \text{fib}(0{+}k))\}$
 by (UseWitness a)
 CollapseTHEN (Auto·)·

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http://www.nuprl.org/FDLcontent/p0_963683_/p25_528941_{less-fast-fib}1_1.html