Inference at $*$
 of proof for Lemma add_mono_wrt_le_rw:

$\vdash \forall a, b, n{:}\mathbb{Z}.\ \{(a \le b) \iff ((a{+}n) \le (b{+}n))\}$
  by ((Unfold ‘guard‘ 0)
  CollapseTHEN (Lemma ‘add_mono_wrt_le‘))$\cdot$

    .

---

http://www.nuprl.org/FDLcontent/p0_942988_/p121_76408_{add_mono_wrt_le_rw}.html