Inference at $*$ 1
of proof for Lemma assert_of_le_int:

1. $x : \mathbb{Z}$
2. $y : \mathbb{Z}$

$\vdash (\uparrow(\neg_b y <\text{z } x)) \iff (\neg(y < x))$

by InteriorProof ((RWH (LemmaC 'assert_of_bnot') 0)
CollapseTHENA (
(Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n)) (first_tok
:t) inil_term)))·

1:

$\vdash (\neg(\uparrow y <\text{z } x)) \iff (\neg(y < x))$

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