Inference at $*$ 1
of proof for Lemma p-conditional-domain:

1. $A$ : Type
2. $B$ : Type
3. $f$ : $A \to (B + \text{Top})$
4. $g$ : $A \to (B + \text{Top})$
5. $x$ : $A$
6. $\uparrow$isl(if isl($f(x)$) then $f(x)$ else $g(x)$ fi )
7. $\neg(\uparrow\text{isl}(f(x)))$

$\vdash$ $\uparrow$isl($g(x)$)
by ((SplitOnHypITE (-2))
CollapseTHEN (Auto·))·

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