Inference at $*$
of proof for Lemma p-lift_wf:

$\vdash \forall A$, B:Type, P:($A \to \mathbb{P}$), d:(x:$A \to$Dec($P(x)$)), f:($\{x$:$A |\ P(x)\} \to B$).
p-lift(d;f) $\in A \to (B$ + Top)
by (Unfold ‘p-lift‘ (0)·)
CollapseTHEN (Auto·)·

1: . . . . .subterm. T:t1:n

1. A : Type
2. B : Type
3. P : $A \to \mathbb{P}$
4. d : x:$A \to$Dec($P(x)$)
5. $\{x$:$A |\ P(x)\} \to B$
6. x : A

$\vdash d(x) \in (P(x) + (\neg P(x)))$

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http://www.nuprl.org/FDLcontent/p0_963683_/p23_276048_{p-lift_wf}.html