R-state-var-compat[11,40]

$\forall i$:Id, ds:fpf(Id; x.Type), da:fpf(Knd; k.Type), x:Id, T:Type, ks:(Knd List),
  tr:(k:{k:Knd| ($k \in ks$)} →decl-state(ds)→ma-valtype(da; k)→T→T).
$(\neg(\uparrow$fpf-dom(id-deq; x; ds)))
$\Rightarrow (\forall A$:es_realizer{i:l}.
   R-Feasible{i:l}
          (A)
   $\Rightarrow (\neg(\uparrow$R-occurs($A$; i; x)))
   $\Rightarrow$ fpf-compatible(Id; x.Type; id-deq; ds; R-ds(A; i))
   $\Rightarrow$ fpf-compatible(Knd; k.Type; Kind-deq; da; R-da(A; i))
   $\Rightarrow$ l_all(ks;
          Knd;
          k.(($\uparrow$isrcv(k))
          $\Rightarrow$ subtype_rel(fpf-cap(R-da(A; source(lnk(k))); Kind-deq; k; void);
                      ma-valtype(da; k))))
   $\Rightarrow$ l_all(ks; Knd; k.($\uparrow$fpf-dom(Kind-deq; k; da)))
   $\Rightarrow (\forall k$:Knd. ($k \in ks$) $\Rightarrow (\neg(\uparrow$write-restricted($A$; i; k))))
   $\Rightarrow (\forall y$:Id.
      ($\uparrow$fpf-dom(id-deq; y; fpf-join(id-deq; ds; fpf-single(x; T))))
      $\Rightarrow (\neg(\uparrow$read-restricted($A$; i; y))))
   $\Rightarrow$ R-compat{i:l}
              (R-state-var(i; ds; da; x; T; ks; tr); A))