

$$\mathbb{C}[(\text{gen-spec } \mathbb{S})] \longrightarrow \mathbb{C}[\text{gen-spec}^*[\mathbb{S}]]$$

[gen-spec]

$$\mathbb{C}[(\text{assert-spec } (\text{fn } [X \dots] E) \\ (\text{DefFSpec } (\mathbb{S}_a \dots) \mathbb{S}_r)))] \longrightarrow \mathbb{C}[(\text{fn } [X \dots] \\ (\text{assert-spec} \\ ((\text{fn } [X \dots] E) \\ (\text{assert-spec } X \mathbb{S}_a) \dots) \\ \mathbb{S}_r)))]$$

[assert-deffspec]

$$\mathbb{C}[(\text{assert-spec } (\text{fn } X_n [X \dots] E) \\ (\text{DefFSpec } (\mathbb{S}_a \dots) \mathbb{S}_r)))] \longrightarrow \mathbb{C}[(\text{fn } X_n [X \dots] \\ (\text{assert-spec} \\ ((\text{fn } [X \dots] E) \\ (\text{assert-spec } X \mathbb{S}_a) \dots) \\ \mathbb{S}_r)))]$$

[assert-rec-deffspec]

$$\mathbb{C}[(\text{assert-spec } V P)] \longrightarrow \mathbb{C}[(\text{if } (P \ V) \\ V \\ (\text{error spec-error} \\ (\text{spec-violation-msg } P \ V)))]$$

[assert-spec-P?]