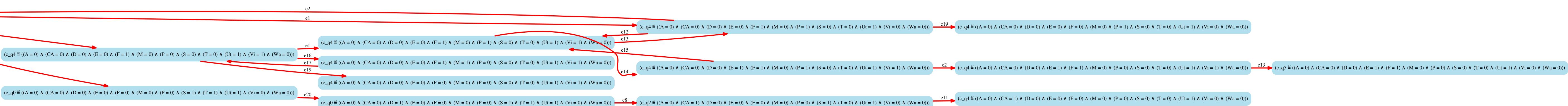
$(c_{q4} \stackrel{\text{def}}{=} ((A = 1) \land (CA = 1) \land (D = 10) \land (E = 0) \land (F = 0) \land (M = 0) \land (P = 1) \land (S = 0) \land (Ut = 0) \land (Vi = 0) \land (Vi = 0)))$		
$ (c_{q}0 \stackrel{\text{def}}{=} ((A=0) \ \land \ (CA=0) \ \land \ (E=0) \ \land \ (F=0) \ \land \ (M=0) \ \land \ (P=0) \ \land \ (S=1) \ \land \ (T=0) \ \land \ (Vi=0) \ \land \ (Vi=0) \ \land \ (Wa=0))) $	$CA = 0$) Λ (D = 10) Λ (E = 0) Λ (F = 0) Λ (M = 0) Λ (P = 1) Λ (S = 1) Λ (T = 0) Λ (Ut = 0) Λ (Vi = 0) Λ (Wa = 0)))	
$(c_{q4} \stackrel{\text{\tiny def}}{=} ((A=0) \land (CA=1) \land (D=10) \land (E=0) \land (F=0) \land (M=0) \land (P=0) \land (S=0) \land (T=0) \land (Ut=1) \land (Vi=0) \land (Wa=0)))$		
$(c_{q}0 \stackrel{\text{def}}{=} ((A = 1) \land (CA = 1) \land (D = 10) \land (E = 0) \land (F = 0) \land (M = 0) \land (P = 0) \land (S = 1) \land (T = 0) \land (Vi = 0) \land (Vi = 0) \land (Wa = 1)))$	$CA = 0$) Λ ($D = 10$) Λ ($E = 0$) Λ ($F = 0$) Λ ($M = 0$) Λ	
$(c_q 4 \stackrel{\text{def}}{=} ((A = 1) \land (CA = 1) \land (D = 10) \land (E = 0) \land (F = 0) \land (M = 0) \land (P = 0) \land (S = 0) \land (Vi = 0) \land (Vi = 0) \land (Vi = 0))$	$(N = 0) \ N \ (D = 10) \ N \ (E = 0) \ N \ (N = 0) \ N \ (N = 0) \ N \ (V = 0) \ N \$	
$(c_q2 \stackrel{\text{\tiny def}}{=} ((A=0) \ \land \ (CA=0) \ \land \ (D=10) \ \land \ (E=0) \ \land \ (F=0) \ \land \ (M=0) \ \land \ (P=0) \ \land \ (S=1) \ \land \ (Vi=0) \ \land \ (Vi=0) \ \land \ (Wa=0)))$		
$ (c_{q}4 \stackrel{\text{def}}{=} ((A = 0) \land (CA = 1) \land (D = 0) \land (E = 0) \land (F = 0) \land (M = 0) \land (P = 1) \land (S = 0) \land (Vi = 0) \land (Vi = 0) \land (Vi = 0))) \xrightarrow{e4} $	$CA = 1) \land (D = 0) \land (E = 0) \land (F = 0) \land (M = 0) \land (P = 1) \land (S = 0) \land (T = 0) \land (Ut = 0) \land (Vi = 0) \land (Wa = 1)))$	
$ (c_{q}4 \stackrel{\text{def}}{=} ((A = 0) \land (CA = 0) \land (E = 0) \land (E = 0) \land (F = 0) \land (M = 0) \land (P = 0) \land (S = 0) \land (Vi = 0) \land (Vi = 0) \land (Vi = 0))) \xrightarrow{e18} $	$CA = 0) \land (D = 0) \land (E = 0) \land (F = 1) \land (M = 0) \land (P = 0) \land (S = 0) \land (T = 0) \land (Ut = 0) \land (Vi = 0) \land (Wa = 0)))$	
$ (c_{q}0 \stackrel{\text{def}}{=} ((A = 0) \land (CA = 1) \land (D = 0) \land (E = 0) \land (F = 0) \land (M = 0) \land (P = 1) \land (S = 1) \land (Vi = 0) \land (Vi = 0) \land (Vi = 0))) \xrightarrow{e4} $	$CA = 1) \land (D = 0) \land (E = 0) \land (F = 0) \land (M = 0) \land (P = 1) \land (S = 1) \land (T = 0) \land (Ut = 0) \land (Vi = 0) \land (Wa = 1)))$	
$ (c_q5 \stackrel{\text{def}}{=} ((A = 0) \land (C_q5) \stackrel{\text{def}}{=} (A = 0) \stackrel{\text{def}}{=} ($	$CA = 0) \land (D = 0) \land (E = 0) \land (F = 0) \land (M = 0) \land (P = 0) \land (S = 0) \land (T = 0) \land (Ut = 1) \land (Vi = 0) \land (Wa = 0)))$	e18 c_{19}

 $(c_{q}0 \triangleq ((A = 1) \land (CA = 1) \land (D = 10) \land (E = 0) \land (F = 0) \land (M = 0) \land (P = 1) \land (S = 1) \land (T = 0) \land (Ut = 0) \land (Vi = 0) \land (Wa = 1)))$

 $(c_{q}4 \stackrel{\text{def}}{=} ((A = 0) \land (CA = 1) \land (D = 10) \land (E = 0) \land (F = 0) \land (F = 0) \land (F = 0) \land (Vi = 1) \land (Vi$

 $(c_{q}4 \stackrel{\text{\tiny def}}{=} ((A=0) \land (CA=0) \land (D=10) \land (E=0) \land (F=0) \land (M=0) \land (P=1) \land (S=0) \land (T=0) \land (Ut=1) \land (Vi=0) \land (Wa=0)))$



 $(c_{q}0 \stackrel{\text{def}}{=} ((A = 0) \land (CA = 0) \land (D = 10) \land (E = 0) \land (F = 0) \land (M = 0) \land (P = 0) \land (S = 1) \land (T = 1) \land (Ut = 0) \land (Vi = 0) \land (Wa = 0)))$

 $e8 \qquad (c_q0 \stackrel{\text{\tiny def}}{=} ((A=0) \land (CA=1) \land (D=0) \land (E=0) \land (F=0) \land (M=0) \land (P=0) \land (S=1) \land (T=0) \land (Vi=0) \land (Vi=0) \land (Wa=0)))$

e16 (c_q4 $\stackrel{\text{def}}{=}$ ((A = 0) \land (CA = 0) \land (D = 0) \land (E = 0) \land (F = 1) \land (M = 1) \land (P = 0) \land (S = 0) \land (Ut = 1) \land (Vi = 0) \land (Wa = 0)))