Equation assignment sequence for variable y

no	var	equ	quations	
17	20	-	${M^{B,\delta}}_N$ :: port variable	
16	3	-	$\#$ :: port variable	
15	19	-	${M^{B,\gamma}}_N$ :: port variable	
14	16	-	${K^{B,\delta}}_A$ :: port variable	
13	36	-	$D_{N,A}$ :: port variable	
12	15	-	${K^{B,\gamma}}_A$ :: port variable	
11	8	-	$F_{N,A}$ :: port variable	
10	1	-	t :: port variable	
9	24	30	${\pi^{B,\delta}}_N := \text{Instantiate}({\pi^{B,\delta}}_N, \#)$	
8	24	10	${\pi^{B,\delta}}_N := {M^{B,\delta}}_N \,.\, y_N$	
7	23	29	${\pi^{B,\gamma}}_N := \text{Instantiate}({\pi^{B,\gamma}}_N, \#)$	
6	23	9	${\pi^{B,\gamma}}_N := {M^{B,\gamma}}_N \,.\, y_N$	
5	83	78	${\hat{y}^{B,\delta}}_A := {K^{B,\delta}}_A \,.\, D_{N,A} \overset{N}{\star} {\pi^{B,\delta}}_N$	
4	82	77	${\hat{y}^{B,\gamma}}_A := {K^{B,\gamma}}_A \,.\, D_{N,A} \overset{N}{\star} {\pi^{B,\gamma}}_N$	
3	28	15	${\hat{y}^{B,\delta}}_N := F_{N,A} \overset{A}{\star} {\hat{y}^{B,\delta}}_A$	
2	27	14	${\hat{y}^{B,\gamma}}_N := F_{N,A} \overset{A}{\star} {\hat{y}^{B,\gamma}}_A$	
1	30	17	$\dot{y}_N := {\hat{y}^{B,\gamma}}_N + {\hat{y}^{B,\delta}}_N$	
0	10	21	$y_N := \int_{t_o}^{t_e} \dot{y}_N \; dt + {y^o}_N$	