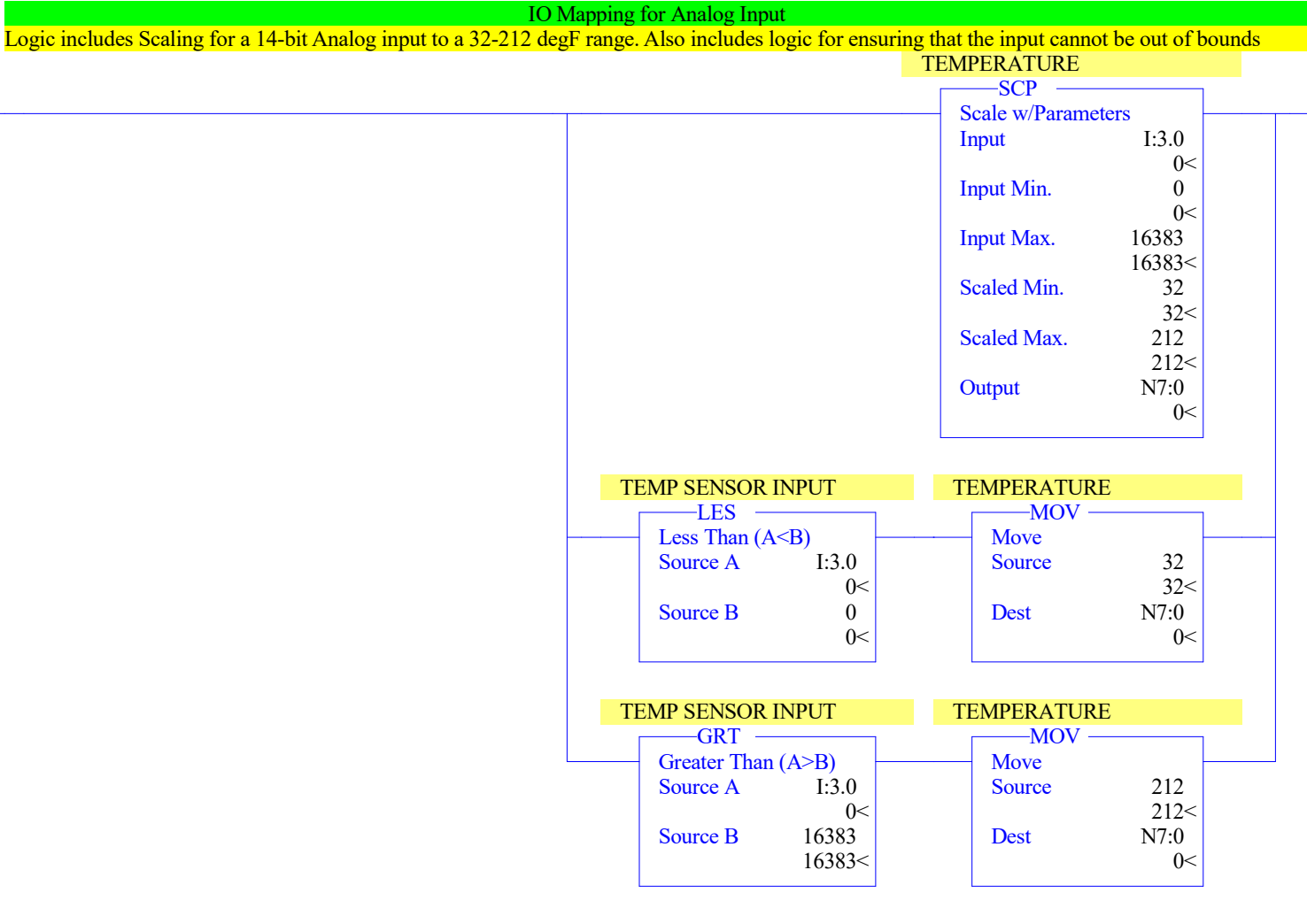
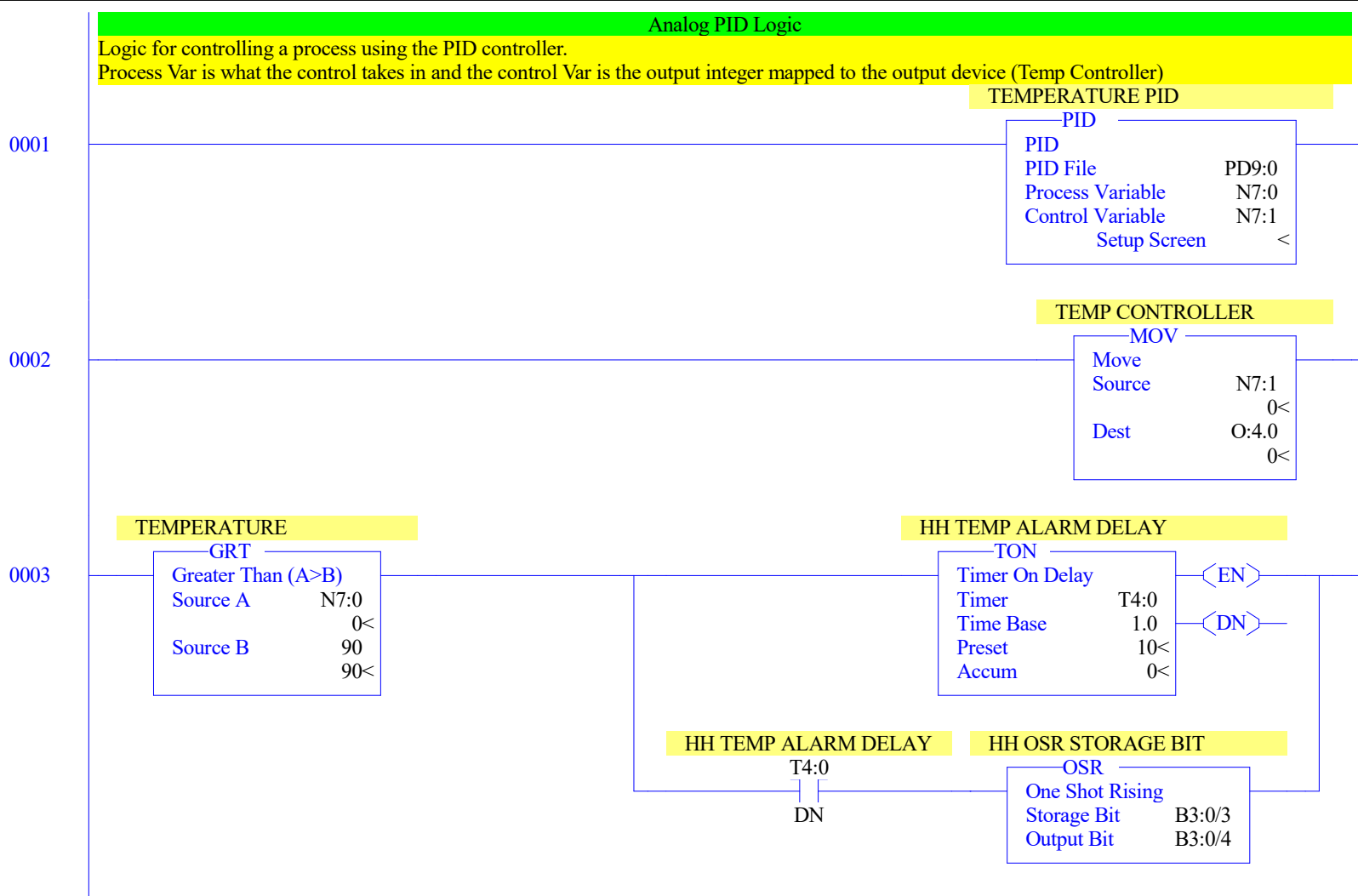


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ALARM AND NOTIFICATION LOGIC

If temp is below 90 for more than 10 seconds, that will energize our timer's down bit (DN) and trigger the OSR (Rising b/c this is stored in memory location [b3:0/4] to be used later on).

Rung 4 will activate our alarm when the timer is complete and trigger the Hold-In. The Hold in becomes False when the timer is reset (not at 90 deg) and the alarm reset button has been pressed. Then the alarm bit de-energizes.

This rung will also trigger the OSR to send a notification ONCE to trigger the Notification Hold-In. This hold in will be interrupted when the alarm reset is pushed and the alarm silence button is pushed

0004

HH TEMP ALARM DELAY

HH TEMP ALARM

T4:0

B3:0

DN

5

HH TEMP ALARM

ALARM RESET

B3:0

B3:0

5

7

HH OSR OB

HH TEMP NOTIFICATION

B3:0

B3:0

4

6

HH TEMP NOTIFICATION

ALARM RESET

ALARM SILENCE

B3:0

B3:0

B3:0

6

7

8

0005

END