



DOCUMENT CHANGE NOTICE (DCN)

DOCUMENT No. (DOC-REV-GP. ID)	TITLE	NEW REV.
D980400-B-C	PSL Temperature Box	

CHANGE DESCRIPTION (FROM/TO): The following components have been added or changed on all units located at the Hanford Observatory site relative to the subject drawing (see S/Ns below):

Change R1,R2,R5 & R6 to 25.5k from 10k. Change R11 & R14 to 24.9k from 10k. Change R10 & R15 to 127k from 10k. Change R22 to 2.21k from 2k. Change R27 to 33.2k from 10k.

Remove U5, LM-336/2.5V.

Add U5, LT1021 w/ pin 2 to +15, pin 4 to GND, & pin 6 to U6A, LT1125 pin 3.

Add 10k resistor between J8 pin1 and GND.

Add 8.87k resistor between U6A pin 1 and U4B pin 6.

Add 8.87k resistor between U6A pin 1 and U4D pin 15.

REASON FOR CHANGE: Increase the in-loop temperature sensitivity to 338 mV/K from 40mV/K; and increase the out-of-loop temperature sensitivity to 316mV/K from 10mV/K.

ACTION: Incorporate change Attach DCN to drawing(s) Other action (specify):

DISPOSITION OF HARDWARE (IDENTIFY SERIAL NUMBERS)	DCN DISTRIBUTION
<input type="checkbox"/> No hardware affected (record change only)	Althouse Barish Coles Coyne Lazzarini Lindquist Lucas Sanders Shoemaker Stapfer Tyler Vogt Weiss Whitcomb Young
<input checked="" type="checkbox"/> List S/Ns which comply already: LHO: BL3002, spare; BL3001,4k; 000,2k	
<input checked="" type="checkbox"/> List S/Ns to be reworked or scrapped: all existing units	
<input checked="" type="checkbox"/> List S/Ns to be built with this change: all future units	
<input type="checkbox"/> List S/Ns to be retested per this change:	Abbott, Rich Savage, Rick King, Peter
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	

SAFETY, COST, SCHEDULE, REQUIREMENTS IMPACT? No Yes (If yes, enter CR (CCB) or TCP (TRB) no.)

APPROVALS:	DATE	OTHER APPROVALS (specify)	DATE
ORIGINATOR: Hugh Radkins	04-08-2002		
TASK LEADER:			
GROUP LEADER:			
DCC RELEASE:			