Symptom	Step	Check Item	Result	Action
• RY1 is not turned ON.	1	Is the source voltage being supplied to the circuit across PJ-1 and 3 of PU1?	NO	Check the main fuse and supply power. If they check okay, replace PWB-D.
	2	Is the voltage across PJ2-2 on PU1 and GND DC24V?	NO	Check the fuse on PU1 and, if it checks okay, replace PU1.
	3	Is the voltage across PJ5C-2 on PWB-C and GND 24V when S1 is OFF?	NO	Replace PWB-C.
	4	Are the voltages across PJ5C-1 on PWB-C and GND, and across PJ5C-3 on PWB-C and GND, DC24V when S1 is ON?	NO	Check S1.
	5	Is the voltage across PJ8C-4 on PWB-C and GND DC24V when S1 is ON?	NO	Replace PWB-C.
	6	Is the voltage across PJ4-1 on PU1 and GND DC5V when S1 is ON?	NO	Replace PU1.
	7	Does the voltage across PJ5AB-8 on PWB-A and GND instantaneously go from HIGH to LOW when S1 is turned ON?	NO	Replace PWB-A.
	8	Are the voltages across PJ1C-3 on PWB-C and GND, and across PJ1C-5 on PWB-C and GND, DC24V when S1 is ON?	NO	Check RY1.
• No control panel Indicators light up, though RY1 is turned ON.	1	Is the voltage across PJ4-2 on PU1 and GND DC5V?	NO	Replace PU1.
	2	Are all PJs on PWB-B plugged securely into position?	NO	Plug them in securely.
	3	Is PJ1I plugged securely into PWB-I?	NO	Plug it in securely.
	4	Is PJ5A plugged securely into PWB-A?	NO	Plug it in securely.
			YES	Replace PWB-A, PWB-B, UN1, or PWB-I.