

Bring the modulator to "Magnets ON" sequence. Turn the bottom power supply off. Did the modulator trip down to "Initial" sequence?						
			Yes	No	Signature and Date	Comments
		K1				
		K2				
		K3				
		K4				
		K5				
		K6				
Turn the bottom power supply back on.						
<u>Klystron Water</u>						
BODY- Adjust the pressure on the transmitter so the meter reads low.						
1. Did the modulator trip down to the "Initial" sequence immediately?						
			Yes	NO	Signature and Date	Comments
		K1				
		K2				
		K3				
		K4				
		K5				
		K6				
2. Did the klystron filament turned off after one minute?						
			Yes	NO	Signature and Date	Comments
		K1				
		K2				
		K3				
		K4				
		K5				
		K6				
Normal the pressure read back on the transmitter and observe klystron body water interlock indicator turns GREEN.						
Now adjust the pressure on the transmitter so the meter reads high.						
3. Did the modulator trip down to the "Initial" sequence after two minutes?						
			Yes	NO	Signature and Date	Comments
		MOD1				
		MOD2				
		MOD3				
		MOD4				
		MOD5				
		MOD6				
Normal the pressure read back on the transmitter and observe klystron body water interlock indicator turns GREEN.						

Place the door switches in bypass mode. Verify that the ground stick/door switch indicator on the A-B touchscreen is GREEN .								
				Yes	NO	Signature and Date		Comments
			MOD1					
			MOD2					
			MOD3					
			MOD4					
			MOD5					
			MOD6					
Remove the ground stick from its cradle. Is the ground stick/door switch indicator on the A-B touchscreen RED ?								
				Yes	NO	Signature and Date		Comments
			MOD1					
			MOD2					
			MOD3					
			MOD4					
			MOD5					
			MOD6					
<u>Thyratron Chassis</u>								
Unplug the thyratron fan.								
Did the GREEN LED on the front of the chassis go out?								
				Yes	NO	Signature and Date		Comments
			MOD1					
			MOD2					
			MOD3					
			MOD4					
			MOD5					
			MOD6					
Did the Thyratron Heater current go zero on the front panel?								
				Yes	NO	Signature and Date		Comments
			MOD1					
			MOD2					
			MOD3					
			MOD4					
			MOD5					
			MOD6					

EMI Flow Faults						
Bottom Supply - Bring the modulator to "H.V. ON" sequence. The setpoint to the EMI power should be at zero. Adjust the water pressure on the transmitter so that the meter reads low.						
Did the modulator drop down to "Magnets ON" sequence immediatley?						
			Yes	NO	Signature and Date	Comments
		MOD1				
		MOD2				
		MOD3				
		MOD4				
		MOD5				
		MOD6				
Normal the water pressure on the transmitter and observe that the EMI power supply #2 water interlock indicator turns GREEN.						
Bring the modulator to "H.V. ON" sequence. The setpoint to the EMI power should be at zero. Adjust the water pressure on the transmitter so that the meter reads high.						
Did the modulator drop down to "Magnets ON" sequence after two minutes?						
			Yes	NO	Signature and Date	Comments
		MOD1				
		MOD2				
		MOD3				
		MOD4				
		MOD5				
		MOD6				
Normal the water pressure on the transmitter and observe that the EMI power supply #2 water interlock indicator turns GREEN.						
Linac Low Level						
The Trigger/Interlock Module and the ACIS Inhibit Latch Module are each completely tested on a applicable dedicated test set which ensures fully normal operational capability.						
Therefore, only those end-to-end interlock tests which are deemed to be required, are needed to verify operational readiness.						
					Signature and Date	Validated by and Date