

# Linac RF Systems Turn-on Checklist

A. Nassiri

<b>I. Inside tunnel</b>		<b>Comments</b>
	Waveguide connections to the accelerating structures	
	Heliac cables are connected	
	Water loads are connected	
	Water flow into accelerating structure	
	Water flow into the loads	
	Waveguide switches are connected	
	3-dB couplers are connected	
	RF guns are ready for operation	
	Accelerating structures are ready for operation	

<b>II. Linac gallery</b>		<b>Comments</b>
	<b><u>L1</u></b>	
	Modulator is ready for operation	
	Klystron is ready for operation	
	Waveguide heliast cables are connected	
	400-W amplifier is ready for operation	
	LLRF system is ready for operation	
	L1 rf system is ready for operation	

**L2**

		<b>Comments</b>
	Modulator is ready for operation	
	Klystron is ready for operation	
	Waveguide heliax cables are connected	
	SLED is ready for operation	
	400-W amplifier is ready for operation	
	LLRF system is ready for operation	
	L2 rf system is ready for operation	

**L3**

		<b>Comments</b>
	Modulator is ready for operation	
	Klystron is ready for operation	
	Waveguide heliax cables are connected	
	400-W amplifier is ready for operation	
	LLRF system is ready for operation	
	L3 rf system is ready for operation	

**L4**

		<b>Comments</b>
	Modulator is ready for operation	
	Klystron is ready for operation	
	Waveguide heliax cables are connected	
	SLED is ready for operation	
	400-W amplifier is ready for operation	
	LLRF system is ready for operation	
	L4 RF system is ready for operation	

**L5**

		<b>Comments</b>
	Modulator is ready for operation	
	Klystron is ready for operation	
	Waveguide heliax cables are connected	
	SLED is ready for operation	
	400-W amplifier is ready for operation	
	LLRF system is ready for operation	
	L5 RF system is ready for operation	

Inspected by: \_\_\_\_\_ Date: \_\_\_\_\_