

Synchrotron RF System Turn-on Checklist

A. Nassiri

I. In-tunnel – Injection Cavities

		Comments
	Ion pumps are on	
	Body water flow	
	Tuner water flow	
	Tuner motor drive	
	Coupler water flow	
	Coupler air blower	
	Waveguide air pressure	
	Thermocouples are connected	
	Field probes are connected	
	IR Detectors are connected	
	IR Detector lead shield in place	
	Injection cavities are ready for operation	

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II. In-tunnel – Extraction Cavities

		Comments
	Ion pumps are on	
	Body water flow	
	Tuner water flow	
	Tuner motor drive	
	Coupler water flow	
	Coupler air blower	
	Waveguide air pressure	
	Thermocouples are connected	
	Field probes are connected	
	IR Detectors are connected	
	IR Detector lead shield in place	
	Injection cavities are ready for operation	

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III.420 area		Comments
<input type="checkbox"/>	RF5 HV system is ready	
<input type="checkbox"/>	RF5 klystron is ready	
<input type="checkbox"/>	Proper mode for booster is selected	
<input type="checkbox"/>	Klystron shield is in place	
<input type="checkbox"/>	System interlocks are cleared	
<input type="checkbox"/>	RF personal safety interlocks are cleared	
<input type="checkbox"/>	ACIS tunnel interlock is cleared	
<input type="checkbox"/>	RF5 system is ready for operation	

Inspected by: _____ Date: _____