

Approved CY 2020 LUF Operating Schedule Version 2.3 8-Oct-2020

	FY20												FY21			
	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
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5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
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10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
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30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr

<p>Code</p> <p>Pattern</p> <p>Description</p> <p>0 [Red] Outage Maintenance</p> <p>0 [Diagonal] Cooling Towers Turned Over</p> <p>0 [Blue] Intra Run Cycle Maintenance</p> <p>0 [Pink] H- Ion Source Recycle</p> <p>0 [Grey] Documentation / Shut Down</p> <p>0 [Yellow] Start Up All Areas / Tune Recovery</p> <p>0 [Light Blue] Beam to Sectors J-D & IPF, Maintenance Downstream of Sec. D</p> <p>0 [Light Yellow] Beam to 211 MeV, Maintenance Downstream of Sec. D</p> <p>0 [Light Green] Beam to 800 MeV, Maintenance in LB/C, LDS, & downstream</p> <p>0 [Orange] COVID-19 Minimal Staffing/IPF in Warm Standby</p> <p>[Green] B Friday</p> <p>[#] Holiday and/or Laboratory Closure</p> <p>[#] Weekend</p>

<p>Code</p> <p>Pattern</p> <p>Description</p> <p>1 [Green] Production to All Areas</p> <p>2 [Light Green] Tgt 2 Linac Beam, Production Other Areas</p> <p>3 [Light Blue] Tgt 2 PSR Beam, No beam to Lujan</p> <p>4 [Light Yellow] Machine Intervention / Studies</p> <p>5 [Purple] IPF Production Only</p>	<table border="0"> <tr> <td>Lujan</td><td>Y</td><td>Y</td><td>N</td><td>N</td><td>Y</td><td>Y</td><td>Y</td></tr> <tr> <td>T4</td><td>Y</td><td>N</td><td>Y</td><td>N</td><td>Y</td><td>Y</td><td>Y</td></tr> <tr> <td>T2 linac</td><td>N</td><td>N</td><td>N</td><td>Y</td><td>Y</td><td>Y</td><td>Y</td></tr> <tr> <td>T2 PSR</td><td>N</td><td>N</td><td>N</td><td>N</td><td>N</td><td>N</td><td>N</td></tr> <tr> <td>PRAD</td><td>N</td><td>N</td><td>N</td><td>N</td><td>N</td><td>N</td><td>N</td></tr> <tr> <td>UCN</td><td>N</td><td>N</td><td>N</td><td>N</td><td>N</td><td>N</td><td>Y</td></tr> <tr> <td>IPF</td><td>N</td><td>N</td><td>N</td><td>N</td><td>N</td><td>N</td><td>Y</td></tr> </table>	Lujan	Y	Y	N	N	Y	Y	Y	T4	Y	N	Y	N	Y	Y	Y	T2 linac	N	N	N	Y	Y	Y	Y	T2 PSR	N	N	N	N	N	N	N	PRAD	N	N	N	N	N	N	N	UCN	N	N	N	N	N	N	Y	IPF	N	N	N	N	N	N	Y
Lujan	Y	Y	N	N	Y	Y	Y																																																		
T4	Y	N	Y	N	Y	Y	Y																																																		
T2 linac	N	N	N	Y	Y	Y	Y																																																		
T2 PSR	N	N	N	N	N	N	N																																																		
PRAD	N	N	N	N	N	N	N																																																		
UCN	N	N	N	N	N	N	Y																																																		
IPF	N	N	N	N	N	N	Y																																																		

	CY20 Beam Delivery	Shifts	Hours
	Lujan	276	2208
	pRad/UCN	276	2208
	WNR Sole Use	6	48
	WNR Tgt 4	270	2160
	WNR Tgt 2	6	
	IPF	400	3200
	Machine Intervention	12	96