

CY 2022 LUF Operating Schedule

Version 1.5

22-Aug-2022

FY22												FY23			
Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23
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Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr

Code	Pattern	Description
0		Outage Maintenance
0		Intra Run Cycle Maintenance
0		H- Ion Source Recycle
0		Documentation / Shut Down
0		Start Up All Areas / Tune Recovery

Code	Pattern	Description
U1		Production to All Areas with UCN
U2		Tgt 2 Linac Beam, Production Other Areas with UCN
U3		Tgt 2 PSR Beam with IPF & UCN
U4		Production to All Areas with UCN <u>EXCEPT LUJAN</u>
U5		Tgt 2 Linac, Production Others with UCN <u>EXCEPT LUJAN</u>
D		Machine Intervention / Studies
I		IPF Production Only
P1		Production to All Areas with pRad
P2		Tgt 2 Linac, Production Other Areas with pRad
P3		Tgt 2 PSR Beam with IPF & pRad
P4		Production to All Areas with pRad <u>EXCEPT LUJAN</u>
P5		Tgt 2 Linac, Production Others with pRad <u>EXCEPT LUJAN</u>
		1L Target work, Production Others <u>EXCEPT LUJAN & WN</u>
		Tuning to 1L Target, Production Others <u>EXCEPT LUJAN</u>
0		LANSCE Family Day activities, no beam

Lujan	T4	T2 linac	T2 PSR	PRAD	UCN	IPF
Y	Y	N	N	N	Y	Y
Y	N	Y	N	N	Y	Y
N	N	Y	N	Y	Y	Y
N	Y	N	N	N	Y	Y
N	N	Y	N	N	Y	Y
N	N	N	N	N	N	N
N	N	N	N	N	N	Y
Y	Y	N	N	Y	N	Y
Y	N	Y	N	Y	N	Y
N	N	N	Y	Y	N	Y
N	Y	N	N	Y	N	Y
N	N	Y	N	Y	N	Y
N	N	N	N	S	S	Y
N	Y	N	N	S	S	Y
N	N	N	N	N	N	N

Note:
 - Schedule blocks represent 8 hr shifts from 0000-0800, 0800-1600, 1600-2400.
 - PRad normal operating hours are typically 0700-1800. PRad and UCN hours are adjusted to account for these typical operating hours.

Duration of Beam Delivery	Shifts	Hours	Start Production
Lujan	213	1704	19-Sep-22
pRad	96	1056	5-Jul-22
UCN	330	2352	5-Jul-22
WNR Sole Use	18	144	Per Schedule
WNR Tgt 4	368	2944	10-Jul-22
WNR Tgt 2	47	376	Per Schedule
IPF	480	3840	13-Jun-22
Machine Intervention	26	208	Per Schedule