

# CY 2024 LUF Operating Schedule

## Version 3.0

### 16-Dec-2024

FY24												FY25																							
Jan-24			Feb-24			Mar-24			Apr-24			May-24			Jun-24			Jul-24			Aug-24			Sep-24			Oct-24			Nov-24			Dec-24		
1			1			1			1			1			1			1			1			1			1			1					
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Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec												

Code	Pattern	Description
0		Long Outage Maintenance
0		H- source recycle, Areas open for maintenance
0		Documentation / Shut Down
0		Start Up All Areas / Tune Recovery
0		Start Up Upstream Areas / Maintenance Downstream
0		Warm Standby with Beam Checks
#		Holiday and/or Laboratory Closure
#		Weekend

Code	Pattern	Description	Lujan	T4	T2 linac	T2 PSR	PRAD	UCN	IPF
U1		Production to All Areas with UCN	Y	Y	N	N	N	Y	Y
U1i		H- Production to All Areas with UCN, No IPF	Y	Y	N	N	N	Y	N
P1		Production to All Areas with pRad	Y	Y	N	N	N	Y	Y
P1i		H- Production to All Areas with pRad, No IPF	Y	Y	N	N	Y	N	N
U2		Tgt 2 Linac Beam, Production Other Areas with UCN	Y	N	Y	N	N	Y	Y
P2		Tgt 2 Linac, Production Other Areas with pRad	Y	N	Y	N	Y	N	Y
U3		Tgt 2 Sole Use Beam with IPF and UCN	N	N	N	Y	N	Y	Y
U3i		Tgt 2 Sole Use Beam with UCN, No IPF	N	N	N	Y	N	Y	N
P3		Tgt 2 Sole Use Beam with IPF and pRad	N	N	N	Y	Y	N	Y
I2		H+ IPF Production; 100 MeV H- available for Beam Studies	N	N	N	N	N	N	Y
I1		IPF Production (when available), Start-Up/Maintenance Downstream	N	N	N	N	N	N	Y
D		Machine Intervention / Studies	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.  
 - Schedule reflects IPF back in production in February.  
 - Early IPF production in July and August is notional.

Beam Period	Jan-Feb		Mar-Dec		CY 2024		Mar-Dec Start Production
	Shifts	Hours	Shifts	Hours	Shifts	Hours	
Lujan	114	912	0	0	114	912	N/A
pRad	29	319	0	0	29	319	N/A
UCN	97	689	0	0	97	689	N/A
WNR Tgt 4	114	912	0	0	114	912	N/A
WNR Tgt 2 Sole Use	12	96	0	0	12	96	Per Schedule
WNR Tgt 2 linac	0	0	0	0	0	0	Per Schedule
IPF	66	528	443	3544	509	4072	3-Sep-24
Machine Studies	3	24	3	24	6	48	Per Schedule