

CY 2023 LUF Operating Schedule

Version 1.0

21-Nov-2022

	FY23												FY24				
	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23					
1		1	1	1	1	1	1	1	P	1	P	1		1		1	P
2		2	2	2	2	2	2	2	P	2		2		2		2	
3		3	3	3	3	3	3	P	3	P	3		3		3		3
4		4	4	4	4	4	4	P	4		4		4		4		P
5		5	5	5	5	5	5	P	5		5		5		5		P
6		6	6	6	6	6	6	P	6		6		6		6		P
7		7	7	7	7	7	7	P	7		7		7		7		P
8		8	8	8	8	8	8	P	8		8		8		8		P
9		9	9	9	9	9	9	P	9		9		9		9		P
10		10	10	10	10	10	10	P	10		10		10		10		P
11		11	11	11	11	11	11	P	11		11		11		11		P
12		12	12	12	12	12	12	P	12		12		12		12		P
13		13	13	13	13	13	13	P	13		13		13		13		P
14		14	14	14	14	14	14	P	14		14		14		14		P
15		15	15	15	15	15	15	P	15		15		15		15		P
16		16	16	16	16	16	16	P	16		16		16		16		P
17		17	17	17	17	17	17	P	17		17		17		17		P
18		18	18	18	18	18	18	P	18		18		18		18		P
19		19	19	19	19	19	19	P	19		19		19		19		P
20		20	20	20	20	20	20	P	20		20		20		20		P
21		21	21	21	21	21	21	P	21		21		21		21		P
22		22	22	22	22	22	22	P	22		22		22		22		P
23		23	23	23	23	23	23	P	23		23		23		23		P
24		24	24	24	24	24	24	P	24		24		24		24		P
25		25	25	25	25	25	25	P	25		25		25		25		P
26		26	26	26	26	26	26	P	26		26		26		26		P
27		27	27	27	27	27	27	P	27		27		27		27		P
28		28	28	28	28	28	28	P	28		28		28		28		P
29			29	29	29	29	29	P	29		29		29		29		P
30			30	30	30	30	30	P	30		30		30		30		P
31			31	31	31	31	31	P	31		31		31		31		P
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec					

Code	Pattern	Description
0	■	Long Outage Maintenance
0	■	Areas open for maintenance
0	■	Start of H- Ion Source Recycle and Maintenance
0	■	Documentation / Shut Down
0	■	Start Up All Areas / Tune Recovery
0	■	Start Up Upstream Areas / Maintenance Downstream

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
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

	Lujan	T4	T2 linac	T2 PSR	PRAD	UCN	IPF
U1	Y	Y	N	N	N	Y	Y
U2	Y	N	Y	N	N	Y	Y
U3	N	N	N	Y	N	Y	Y
D	N	N	N	N	N	N	N
I	N	N	N	N	N	N	Y
P1	Y	Y	N	N	Y	N	Y
P2	Y	N	Y	N	Y	N	Y
P3	N	N	N	Y	Y	N	Y

- Holiday and/or Laboratory Closure
- Weekend

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

Duration of Beam Delivery	Shifts	Hours	Start Production
Lujan	462	3696	12-Jun-23
pRad	103	1133	12-Jun-23
UCN	359	2563	12-Jun-23
WNR Sole Use	0	0	Per Schedule
WNR Tgt 4	462	3696	12-Jun-23
WNR Tgt 2	0	0	Per Schedule
IPF	462	3696	12-Jun-23
Machine Intervention	24	192	Per Schedule