

# CY 2023 LUF Operating Schedule

## Version 1.3.4

### 15-Aug-2023

	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	1	1	1	1
2		2	2	2	2	2	2	2	2	2	2	2
3		3	3	3	3	3	3	3	3	3	3	3
4		4	4	4	4	4	4	4	4	4	4	4
5		5	5	5	5	5	5	5	5	5	5	5
6		6	6	6	6	6	6	6	6	6	6	6
7		7	7	7	7	7	7	7	7	7	7	7
8		8	8	8	8	8	8	8	8	8	8	8
9		9	9	9	9	9	9	9	9	9	9	9
10		10	10	10	10	10	10	10	10	10	10	10
11		11	11	11	11	11	11	11	11	11	11	11
12		12	12	12	12	12	12	12	12	12	12	12
13		13	13	13	13	13	13	13	13	13	13	13
14		14	14	14	14	14	14	14	14	14	14	14
15		15	15	15	15	15	15	15	15	15	15	15
16		16	16	16	16	16	16	16	16	16	16	16
17		17	17	17	17	17	17	17	17	17	17	17
18		18	18	18	18	18	18	18	18	18	18	18
19		19	19	19	19	19	19	19	19	19	19	19
20		20	20	20	20	20	20	20	20	20	20	20
21		21	21	21	21	21	21	21	21	21	21	21
22		22	22	22	22	22	22	22	22	22	22	22
23		23	23	23	23	23	23	23	23	23	23	23
24		24	24	24	24	24	24	24	24	24	24	24
25		25	25	25	25	25	25	25	25	25	25	25
26		26	26	26	26	26	26	26	26	26	26	26
27		27	27	27	27	27	27	27	27	27	27	27
28		28	28	28	28	28	28	28	28	28	28	28
29			29	29	29	29	29	29	29	29	29	29
30			30	30	30	30	30	30	30	30	30	30
31			31		31		31		31		31	
	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
1		Tuning, Beam to IPF, Other Beam When Available
0		TA-53 Family Day - Limited Operations
		Holiday and/or Laboratory Closure
		Weekend

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	Y	N	Y	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

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	189	1512	25-Jul-23
pRad	51	561	25-Jul-23
UCN	177	1263	25-Jul-23
WNR Sole Use	39	312	Per Schedule
WNR Tgt 4	189	1512	25-Jul-23
WNR Tgt 2	39	312	Per Schedule
IPF	314	2512	25-Jul-23
Machine Intervention	9	72	Per Schedule