

CY 2023 LUF Operating Schedule

Version 1.2

28-Mar-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	P	1	P	1	1	P	1	P
2		2	2	2	2	2	2	P	2		2		2	P	2
3		3	3	3	3	3	3	P	3		3	P	3	P	3
4		4	4	4	4	4	4	P	4		4	P	4		4
5		5	5	5	5	5	5	P	5		5	P	5		5
6		6	6	6	6	6	6	P	6		6	P	6	P	6
7		7	7	7	7	7	7	P	7		7	P	7	P	7
8		8	8	8	8	8	8	P	8		8	P	8	P	8
9		9	9	9	9	9	9	P	9		9	P	9	P	9
10		10	10	10	10	10	10	P	10		10	P	10		10
11		11	11	11	11	11	11	P	11		11	P	11		11
12		12	12	12	12	12	12	P	12		12	P	12		12
13		13	13	13	13	13	13	P	13		13	P	13		13
14		14	14	14	14	14	14	P	14		14	P	14		14
15		15	15	15	15	15	15	P	15		15	P	15		15
16		16	16	16	16	16	16	P	16		16	P	16		16
17		17	17	17	17	17	17	P	17		17	P	17		17
18		18	18	18	18	18	18	P	18		18	P	18		18
19		19	19	19	19	19	19	P	19		19	P	19		19
20		20	20	20	20	20	20	P	20		20	P	20		20
21		21	21	21	21	21	21	P	21		21	P	21		21
22		22	22	22	22	22	22	P	22		22	P	22		22
23		23	23	23	23	23	23	P	23		23	P	23		23
24		24	24	24	24	24	24	P	24		24	P	24		24
25		25	25	25	25	25	25	P	25		25	P	25		25
26		26	26	26	26	26	26	P	26		26	P	26		26
27		27	27	27	27	27	27	P	27		27	P	27		27
28		28	28	28	28	28	28	P	28		28	P	28		28
29			29	29	29	29	29	P	29		29	P	29		29
30			30	30	30	30	30	P	30		30	P	30		30
31			31		31		31	P	31		31	P			31
	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
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
Y	Y	N	N	N	Y	Y
Y	N	Y	N	N	Y	Y
N	N	N	Y	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

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	423	3384 5-Jul-23
pRad	95	1045 5-Jul-23
UCN	328	2339 5-Jul-23
WNR Sole Use	0	0 Per Schedule
WNR Tgt 4	423	3384 5-Jul-23
WNR Tgt 2	0	0 Per Schedule
IPF	423	3384 5-Jul-23
Machine Intervention	21	168 Per Schedule