

# CY 2021 LUF Operating Schedule

## Version 1.3.1

### 1-Nov-2021

	FY21					FY22							
	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	
1	1	1	1	1	1	1	P	1	P	1	P	1	P
2	2	2	2	2	2	2	P	2	P	2	P	2	P
3	3	3	3	3	3	3	P	3	P	3	P	3	P
4	4	4	4	4	4	4	P	4	P	4	P	4	P
5	5	5	5	5	5	5	P	5	P	5	P	5	P
6	6	6	6	6	6	6	P	6	P	6	P	6	P
7	7	7	7	7	7	7	P	7	P	7	P	7	P
8	8	8	8	8	8	8	P	8	P	8	P	8	P
9	9	9	9	9	9	9	P	9	P	9	P	9	P
10	10	10	10	10	10	10	P	10	P	10	P	10	P
11	11	11	11	11	11	11	P	11	P	11	P	11	P
12	12	12	12	12	12	12	P	12	P	12	P	12	P
13	13	13	13	13	13	13	P	13	P	13	P	13	P
14	14	14	14	14	14	14	P	14	P	14	P	14	P
15	15	15	15	15	15	15	P	15	P	15	P	15	P
16	16	16	16	16	16	16	P	16	P	16	P	16	P
17	17	17	17	17	17	17	P	17	P	17	P	17	P
18	18	18	18	18	18	18	P	18	P	18	P	18	P
19	19	19	19	19	19	19	P	19	P	19	P	19	P
20	20	20	20	20	20	20	P	20	P	20	P	20	P
21	21	21	21	21	21	21	P	21	P	21	P	21	P
22	22	22	22	22	22	22	P	22	P	22	P	22	P
23	23	23	23	23	23	23	P	23	P	23	P	23	P
24	24	24	24	24	24	24	P	24	P	24	P	24	P
25	25	25	25	25	25	25	P	25	P	25	P	25	P
26	26	26	26	26	26	26	P	26	P	26	P	26	P
27	27	27	27	27	27	27	P	27	P	27	P	27	P
28	28	28	28	28	28	28	P	28	P	28	P	28	P
29	29	29	29	29	29	29	P	29	P	29	P	29	P
30	30	30	30	30	30	30	P	30	P	30	P	30	P
31	31	31	31	31	31	31	P	31	P	31	P	31	P
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	

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	Lujan	T4	T2 linac	T2 PSR	PRAD	UCN	IPF
U1	■	Production to All Areas with UCN	Y	N	N	N	N	Y	Y
U2	■	Tgt 2 Linac Beam, Production Other Areas with UCN	Y	N	Y	N	N	Y	Y
U3	■	Tgt 2 PSR Beam with IPF & UCN	N	N	N	Y	N	Y	Y
D	■	Machine Intervention / Studies	N	N	N	N	N	N	N
I	■	IPF Production Only	N	N	N	N	N	N	Y
P1	■	Production to All Areas with pRad	Y	Y	N	N	Y	N	Y
P2	■	Tgt 2 Linac Beam, Production Other Areas with pRad	Y	N	Y	N	Y	N	Y
P3	■	Tgt 2 PSR Beam with IPF & pRad	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 typical operating hours.

Duration of Beam Delivery	Shifts	Hours
Lujan	468	3744
pRad	104	1144
UCN	364	2600
WNR Sole Use	0	0
WNR Tgt 4	450	3600
WNR Tgt 2	18	144
IPF	468	3744
Machine Intervention	30	240