

Downtime for Run 2018-3

Fill #	Start	End	Length	Loss Reason	DIN #	Audit	Start	End	User Length	System Length	Cause	System	Group	Type	Description
1	10/02/18 08:00	10/03/18 06:13	22.22	Under investigation	106888		10/03/18 06:13	10/03/18 06:47	0.57	0.57	UNK	UNK	UNK	Store Lost	
2	10/03/18 06:47	10/03/18 12:15	5.47	S38 RF Cav Vac [RF]	106889		10/03/18 12:15	10/03/18 14:50	2.58	2.58	RF	RF	RF	Store Lost	
3	10/03/18 14:50	10/03/18 18:54	4.07	S38 RF Cav Vac [RF]	106890		10/03/18 18:54	10/03/18 20:39	1.75	1.75	RF	RF	RF	Store Lost	
4	10/03/18 20:39	10/04/18 08:55	12.27	RF4 SCR H2O fit [RF]	106891		10/04/18 08:55	10/04/18 10:03	1.13	1.13	RF	RF	RF	Store Lost	
5	10/04/18 10:03	10/07/18 11:35	73.53	S38 RF Cav Vac [RF]	106894		10/07/18 11:35	10/07/18 13:29	1.90	1.90	RF	RF	RF	Store Lost	
6	10/07/18 13:29	10/08/18 08:00	18.52	Int Dump: End of Period					0.00	0.00				Scheduled	
			136.07						7.93	7.93					
7	10/09/18 08:00	10/10/18 05:05	21.08	S33A:Q2 PS fit [PS]	106898		10/10/18 05:05	10/10/18 07:25	2.33	2.33	PS	PS	PS	Store Lost	
8	10/10/18 07:25	10/12/18 08:52	49.45	PW pump 30B glitch [MOM]	106900		10/12/18 08:52	10/12/18 10:04	1.20	1.20	MOM	MOM	MOM	Store Lost	
9	10/12/18 10:04	10/13/18 05:49	19.75	Adj P0 feedback [AOP]	106901		10/13/18 05:49	10/13/18 05:53	0.07	0.07	AOP	AOP	AOP	Store Lost	
10	10/13/18 05:53	10/15/18 08:00	50.12	Int Dump: End of Period					0.00	0.00				Scheduled	
			140.40						3.60	3.60					
11	10/16/18 08:00	10/22/18 08:00	144.00	Int Dump: End of Period					0.00	0.00				Scheduled	
			144.00						0.00	0.00					
12	10/23/18 08:00	10/26/18 17:35	81.58	Failed bunch removal [AOP]	106910		10/26/18 17:35	10/26/18 18:06	0.52	0.52	AOP	AOP	AOP	Store Lost	
13	10/26/18 18:06	10/29/18 08:00	61.90	Int Dump: End of Period					0.00	0.00				Scheduled	
			143.48						0.52	0.52					
14	10/31/18 08:00	11/05/18 08:00	121.00	Int Dump: End of Period					0.00	0.00				Scheduled	
			121.00						0.00	0.00					
15	11/06/18 08:00	11/09/18 16:21	80.35	S13B:Q5 trip [PS]	106915		11/09/18 16:21	11/09/18 19:03	2.70	2.70	PS	PS	PS	Store Lost	
16	11/09/18 19:03	11/11/18 01:04	30.02	RF-4 power monitor trip [RF]	106917		11/11/18 01:04	11/11/18 05:10	4.10	4.10	RF	RF	RF	Store Lost	
17	11/11/18 05:10	11/12/18 08:00	26.83	Int Dump: End of Period					0.00	0.00				Scheduled	
			137.20						6.80	6.80					
18	11/13/18 08:00	11/21/18 08:00	192.00	Int Dump: End of Period					0.00	0.00				Scheduled	
			192.00						0.00	0.00					
19	11/23/18 08:00	11/25/18 22:53	62.88	Power Event [OTH]	106924		11/25/18 22:53	11/25/18 23:26	0.55	0.55	ComEd	ComEd	ComEd	Store Lost	
20	11/25/18 23:26	11/28/18 23:42	72.27	BPLD trip [UNK]	106928		11/28/18 23:42	11/29/18 00:14	0.53	0.53	UNK	UNK	UNK	Store Lost	
21	11/29/18 00:14	12/03/18 08:00	103.77	Int Dump: End of Period					0.00	0.00				Scheduled	
			238.92						1.08	1.08					
			0.00		106933		12/04/18 08:00	12/04/18 10:04	2.07	2.07	MOM	MOM	MOM	Inhibits beam to user	Water flow fault S39/40
23	12/04/18 10:04	12/07/18 16:19	78.25	33ID EPS trip [SI]	106934		12/07/18 16:19	12/07/18 17:02	0.72	0.72	SI	SI	SI	Store Lost	
24	12/07/18 17:02	12/10/18 08:00	62.97	Int Dump: End of Period					0.00	0.00				Scheduled	
			141.22						2.78	2.78					
			0.00		106940		12/11/18 08:00	12/11/18 11:07	3.12	3.12	RF	RF	RF	Inhibits beam to user	
25	12/11/18 11:07	12/11/18 13:26	2.32	S38, C2 vacuum [RF]	106941		12/11/18 13:26	12/11/18 18:42	5.27	5.27	RF	RF	RF	Store Lost	
27	12/11/18 18:42	12/13/18 02:27	31.75	S11B:Q3 PS I=0 [PS]	106943		12/13/18 02:27	12/13/18 05:59	3.53	3.53	PS	PS	PS	Store Lost	
28	12/13/18 05:59	12/17/18 08:00	98.02	Int Dump: End of Period					0.00	0.00				Scheduled	
			132.08						11.92	11.92					

Number of Lost Fills 16
Number of Intentional Dumps 10
Number of Fills 26

Downtime
 User System
34.63 34.63

Total User Beam 1526.37 63.6 User Beam days
Total User Downtime 34.63 <-- This downtime includes Gaps Open
Total Schedule Run Length 1561

Mean Time Between Faults 95.40
Faults/Day of Delivered Beam 0.25

X-ray Availability 97.8%