

Downtime for Run 2019-1

Fill #	Start	End	Length	Loss Reason	DIN #	Audit	Start	End	User Length	System Length	Cause	System	Group	Type	Description
1	01/29/19 08:00	02/03/19 03:56	115.93	S11 PSCU Fault [PS]	106955		02/03/19 03:56	02/03/19 06:35	2.65	2.65	PS	PS	PS	Store Lost	
2	02/03/19 06:35	2/3/2019 13:10	6.58	RF4 crowbar [RF]	109956		2/3/2019 13:10	02/03/19 16:25	3.25	3.25	RF	RF	RF	Store Lost	
3	02/03/19 16:25	02/04/19 08:00	15.58	Int Dump: End of Period					0.00	0.00				Scheduled	
			138.10						5.90	5.90					
4	02/05/19 08:00	02/05/19 14:45	6.75	Human Error [MOM]	106958		02/05/19 14:45	02/05/19 15:09	0.40	0.40	VAC	VAC	VAC	Store Lost	
5	02/05/19 15:09	02/05/19 17:17	2.13	RF2 crowbar [RF]	106959		02/05/19 17:17	02/05/19 17:47	0.50	0.50	RF	RF	RF	Store Lost	
6	02/05/19 17:47	2/8/2019 2:45	56.97	S5B:V2 PS Glitch [PS]	106960		2/8/2019 2:45	2/8/2019 3:07	0.37	0.37	PS	PS	PS	Store Lost	
7	02/08/19 03:07	02/11/19 08:00	76.88	Int Dump: End of Period					0.00	0.00				Scheduled	
			142.73						1.27	1.27					
8	02/12/19 08:00	02/15/19 03:02	67.03	S5B:V2 PS Glitch [PS]	106967		02/15/19 03:02	02/15/19 03:29	0.45	0.45	PS	PS	PS	Store Lost	
9	02/15/19 03:29	02/15/19 06:24	2.92	S19A:Q2 PS trip [PS]	106968		02/15/19 06:24	02/15/19 09:11	2.78	2.78	PS	PS	PS	Store Lost	
10	02/15/19 09:11	2/17/2019 8:14	47.05	S27/28 Pump Switch [MOM]	106969		2/17/2019 8:14	2/17/2019 9:31	1.28	1.28	MOM	MOM	MOM	Store Lost	
11	02/17/19 09:31	02/18/19 08:00	22.48	Int Dump: End of Period					0.00	0.00				Scheduled	
			139.48						4.52	4.52					
12	02/19/19 08:00	02/25/19 08:00	144.00	Int Dump: End of Period					0.00	0.00				Scheduled	
			144.00						0.00	0.00					
13	02/26/19 08:00	02/28/19 11:38	51.63	S19B:S3 PS failed [PS]	106971		02/28/19 11:38	02/28/19 12:49	1.18	1.18	PS	PS	PS	Store Lost	
14	02/28/19 12:49	3/2/2019 13:22	48.55	RF2 Crowbar [RF]	106974		3/2/2019 13:22	3/2/2019 13:50	0.47	0.47	RF	RF	RF	Store Lost	
15	03/02/19 13:50	03/04/19 08:00	42.17	Int Dump: End of Period					0.00	0.00				Scheduled	
			142.35						1.65	1.65					
16	03/05/19 08:00	03/11/19 08:00	143.00	Int Dump: End of Period					0.00	0.00				Scheduled	
			143.00						0.00	0.00					
17	03/13/19 08:00	03/18/19 08:00	120.00	Int Dump: End of Period					0.00	0.00				Scheduled	
			120.00						0.00	0.00					
18	03/19/19 08:00	03/22/19 08:18	72.30	SR Dipole glitch [PS]	106988		03/22/19 08:18	03/22/19 09:40	1.37	1.37	PS	PS	PS	Store Lost	
19	03/22/19 09:40	03/23/19 05:39	19.98	19ID PSS trip [SI]	106990		03/23/19 05:39	03/23/19 06:25	0.77	0.77	SI	SI	SI	Store Lost	
20	03/23/19 06:25	3/23/2019 22:01	15.60	RF trip on SCR H2O [RF]	106992		3/23/2019 22:01	3/23/2019 22:30	0.48	0.48	RF	RF	RF	Store Lost	
21	03/23/19 22:30	03/25/19 08:00	33.50	Int Dump: End of Period					0.00	0.00				Scheduled	
			141.38						2.62	2.62					
22	03/26/19 08:00	03/26/19 15:05	7.08	Spurious Rad Mon Trip[HP]	106993		03/26/19 15:05	03/26/19 15:48	0.72	0.72	HP	HP	HP	Store Lost	
23	03/26/19 15:48	3/26/2019 18:32	2.73	Spurious Rad Mon Trip[HP]	106995		3/26/2019 18:32	3/26/2019 19:35	1.05	1.05	HP	HP	HP	Store Lost	
24	03/26/19 19:35	04/01/19 08:00	132.42	Int Dump: End of Period					0.00	0.00				Scheduled	
			142.23						1.77	1.77					
25	04/02/19 08:00	04/07/19 01:12	113.20	Under Investigation [UNK]	107001		04/07/19 01:12	04/07/19 01:50	0.63	0.63	UNK	UNK	UNK	Store Lost	
26	04/07/19 01:50	4/7/2019 15:05	13.25	RF3 & 5 VESDA trip [RF]	107002		4/7/2019 15:05	4/7/2019 21:57	6.87	6.87	RF	RF	RF	Store Lost	
27	04/07/19 21:57	04/08/19 08:00	10.05	Int Dump: End of Period					0.00	0.00				Scheduled	
			136.50						7.50	7.50					
28	04/09/19 08:00	4/10/2019 21:14	37.23	RF-2 crowbar trip [RF]	1007005		4/10/2019 21:14	4/10/2019 21:39	0.42	0.42	RF	RF	RF	Store Lost	
29	04/10/19 21:39	04/15/19 08:00	106.35	Int Dump: End of Period					0.00	0.00				Scheduled	
			143.58						0.42	0.42					
30	04/16/19 08:00	4/16/2019 16:25	8.42	30ID BPLD/ Water pump			4/16/2019 16:25	4/16/2019 18:49	2.40						
							4/16/2019 16:25	4/16/2019 17:12		0.78	UNK	UNK	UNK	Store Lost	30ID BPLD
							4/16/2019 17:12	4/16/2019 18:49		1.62	MOM	MOM	MOM	Inhibits Beam to User	Trip <1 hr Pump tripped off
32	04/16/19 18:49	04/23/19 00:00	149.18	Int Dump: End of Period					0.00	0.00				Scheduled	
			157.60						2.40	2.40					

Number of Lost Fills 19
 Number of Intentional Dumps 12
 Number of Fills 31

Downtime
 User System
 28.03 28.03

Total User Beam 1690.97
 Total User Downtime 28.03
 Total Schedule Run Length 1719

70.5 User Beam days
 <-- This downtime includes Gaps Open

Mean Time Between Faults 89.00
 Faults/Day of Delivered Beam 0.27
 X-ray Availability 98.37%