

Down-time for Run 2019-2

Fill #	Start	End	Length	Loss Reason	DIN #	Audit	Start	End	User Length	System Length	Cause	System	Group	Type	Description
1	05/29/19 08:00	05/31/19 19:00	59.00	Int Dump Bunch Purity [OTH]	107018		05/31/19 19:00	05/31/19 19:22	0.37	0.37	OTH	OTH	OTH	Dump	
2	05/31/19 19:22	06/02/19 06:11	34.82	S37 RF Cav Vacuum [RF]	107020		06/02/19 06:11	06/02/19 06:49	0.63	0.63	RF	RF	RF	Store Lost	
3	06/02/19 06:49	06/03/19 08:00	25.18	Int Dump: End of Period					0.00	0.00				Scheduled	
			119.00						1.00	1.00					
4	06/04/19 08:00	06/10/19 08:00	144.00	Int Dump: End of Period					0.00	0.00				Scheduled	
			144.00						0.00	0.00					
			0.00	S38 RF Cav Vacuum [RF]	107024		06/11/19 08:00	06/11/19 08:57	0.95	0.95	RF	RF	RF	Inhibits Beam to User	
6	06/11/19 08:57	06/11/19 10:27	1.50	S38 RF Cav Vacuum [RF]	107025		06/11/19 10:27	06/11/19 12:16	1.82	1.82	RF	RF	RF	Store Lost	
8	06/11/19 12:16	06/12/19 07:45	19.48	S38 RF Cav Vacuum [RF]	107026		06/12/19 07:45	06/12/19 08:16	0.52	0.52	RF	RF	RF	Store Lost	
9	06/12/19 08:16	06/13/19 11:13	26.95	S38 RF Cav Vacuum [RF]	107027		06/13/19 11:13	06/13/19 11:45	0.53	0.53	RF	RF	RF	Store Lost	
10	06/13/19 11:45	06/14/19 12:55	25.17	S38 RF Cav Vacuum [RF]	107028		06/14/19 12:55	06/14/19 13:26	0.52	0.52	RF	RF	RF	Store Lost	
11	06/14/19 13:26	06/17/19 04:41	63.25	IOC19BPM failure [CTL]	107029		06/17/19 04:41	06/17/19 08:00	3.32	3.32	CTL	CTL	CTL	Store Lost	
			139.35						7.65	7.65					
13	06/18/19 08:00	06/18/19 20:46	12.77	S7 Latch card failure [CTL]	107031		06/18/19 20:46	06/18/19 23:57	3.18	3.18	CTL	CTL	CTL	Store Lost	
15	06/18/19 23:57	06/19/19 14:04	14.12	RTFB Glitch [UNK]	107033		06/19/19 14:04	06/19/19 14:26	0.37	0.37	UNK	UNK	UNK	Store Lost	
16	06/19/19 14:26	06/20/19 18:51	28.42	S38 RF Cav Vacuum [RF]	107036		06/20/19 18:51	06/20/19 19:23	0.53	0.53	RF	RF	RF	Store Lost	
17	06/20/19 19:23	06/21/19 12:33	17.17	S38 RF Cav Vacuum [RF]	107037		06/21/19 12:33	06/21/19 12:56	0.38	0.38	RF	RF	RF	Store Lost	
18	06/21/19 12:56	06/24/19 08:00	67.07	Int Dump: End of Period					0.00	0.00				Scheduled	
			139.53						4.47	4.47					
19	06/25/19 08:00	06/26/19 04:12	20.20	S33A.H1 tripped on OT [MOM]	107039		06/26/19 04:12	06/26/19 05:42	1.50	1.50	MOM	MOM	MOM	Store Lost	
20	06/26/19 05:42	06/30/19 22:45	113.05	S22A.S1 tripped on UV[PS]	107043		06/30/19 22:45	07/01/19 01:01	2.27	2.27	PS	PS	PS	Store Lost	
21	07/01/19 01:01	07/02/19 20:39	43.63	Power event [OTH]	107044		07/02/19 20:39	07/02/19 23:03	2.40	2.40	ComEd	ComEd	ComEd	Store Lost	
22	07/02/19 23:03	07/03/19 08:00	8.95	Int Dump: End of Period					0.00	0.00				Scheduled	
			185.95						8.17	8.17					
23	07/05/19 08:00	07/07/19 01:35	41.58	S33 & 34 PS OT [MOM]	107045		07/07/19 01:35	07/07/19 03:09	1.57	1.57	MOM	MOM	MOM	Store Lost	
24	07/07/19 03:09	07/07/19 05:17	2.13	S33 & 34 PS OT [MOM]	107046		07/07/19 05:17	07/07/19 06:53	1.60	1.60	MOM	MOM	MOM	Store Lost	
25	07/07/19 06:53	07/13/19 06:07	143.23	RTFB Glitch [UNK]	107048		07/13/19 06:07	07/13/19 06:37	0.50	0.50	UNK	UNK	UNK	Store Lost	
26	07/13/19 06:37	07/15/19 08:00	49.38	Int Dump: End of Period					0.00	0.00				Scheduled	
			236.33						3.67	3.67					
27	07/17/19 08:00	07/18/19 15:54	31.90	S33B.Q4 PS glitch [PS]	107054		07/18/19 15:54	07/18/19 16:19	0.42	0.42	PS	PS	PS	Store Lost	
28	07/18/19 16:19	07/22/19 08:00	87.68	Int Dump: End of Period					0.00	0.00				Scheduled	
			119.58						0.42	0.42					
29	07/23/19 08:00	07/24/19 06:58	22.97	S7 latch card failed [CTL]	107059		07/24/19 06:58	07/24/19 08:17	1.32	1.32	CTL	CTL	CTL	Store Lost	
30	07/24/19 08:17	07/24/19 20:05	11.80	RF3 Hybrid #3 flow trip [MOM]	107060		07/24/19 20:05	07/24/19 20:45	0.67	0.67	MOM	MOM	MOM	Store Lost	
31	07/24/19 20:45	07/26/19 05:11	32.43	S7 latch card failed [CTL]	107062		07/26/19 05:11	07/26/19 07:04	1.88	1.88	CTL	CTL	CTL	Store Lost	
32	07/26/19 07:04	07/29/19 08:00	72.93	Int Dump: End of Period					0.00	0.00				Scheduled	
			140.13						3.87	3.87					
33	07/30/19 08:00	08/03/19 19:05	107.08	Under Investigation [UNK]	107068		08/03/19 19:05	08/03/19 19:31	0.43	0.43	UNK	UNK	UNK	Store Lost	
34	08/03/19 19:31	08/05/19 08:00	36.48	Int Dump: End of Period					0.00	0.00				Scheduled	
			143.69						0.43	0.43					
35	08/06/19 08:00	08/12/19 08:00	144.00	Int Dump: End of Period					0.00	0.00				Scheduled	
			144.00						0.00	0.00					
36	08/13/19 08:00	08/19/19 09:58	145.97	S27 water/vacuum [MOM]	107085		08/19/19 09:58	08/19/19 10:27	0.48	0.48	UNK	UNK	UNK	Store Lost	
37	08/19/19 10:27	08/21/19 00:00	37.55	Int Dump: End of Period					0.00	0.00				Scheduled	
			183.52						0.48	0.48					

Number of Lost Fills 23  
 Number of Intentional Dumps 10  
 Number of Fills 33  
 Total User Beam 1691.85 70.5 User Beam days  
 Total User Downtime 28.15 -- This downtime includes Gaps Open  
 Total Schedule Run Length 1720  
 Mean Time Between Faults 73.56  
 Faults/Day of Delivered Beam 0.33  
 X-ray Availability 98.36%

Downtime  
 User 28.15  
 System 28.15