

Downtime for Run 2020-2

Fill #	Start	End	Length	Loss Reason	DIN #	Audit	Start	End	User Length	System Length	Cause	System	Group	Type	Description
3	06/16/20 08:00	06/18/20 13:58	53.97	Human Error [PS]	107193		06/18/20 13:58	06/18/20 16:45	2.78						
							06/18/20 13:58	06/18/20 15:54	1.93	1.93	PS	PS	PS	Store Lost	
					107194		06/18/20 15:54	06/18/20 16:45	0.85	0.85	OPS	OPS	OPS	Inhibits Beam to User	
5	06/18/20 16:45	06/21/20 05:19	60.57	S1 RTFB glitch [CTL]	107195		06/21/20 05:19	06/21/20 07:09	1.83	1.83	CTL	CTL	CTL	Store Lost	
6	06/21/20 07:09	06/21/20 08:32	1.38	Power Sag [OTH]	107196		06/21/20 08:32	06/21/20 15:06	6.57	6.57	ComEd	ComEd	ComEd	Store Lost	
7	06/21/20 15:06	06/22/20 08:00	16.90	Int. Dump: End of Period					0.00	0.00				Scheduled	
			132.82						11.18	11.18					
8	06/24/20 08:00	06/25/20 21:14	37.23	6-ID PSS trip [MOM]	107198		06/25/20 21:14	06/25/20 23:30	2.27					Inhibits Beam to User	
							06/25/20 21:14	06/25/20 22:23	1.15		MOM	MOM	MOM	Store Lost	
							06/25/20 22:23	06/25/20 23:30	1.12		OPS	OPS	OPS	Inhibits Beam to User	
9	06/25/20 23:30	07/03/20 08:00	176.50	Int. Dump: End of Period					0.00	0.00				Scheduled	
			213.78						2.27	2.27					
8				Operator Error [MCR]	107206		07/07/20 08:00	07/07/20 08:13	0.22	0.22	OPS	OPS	OPS	Inhibits Beam to User	
10	07/07/20 08:13	07/13/20 08:00	143.78	Int. Dump: End of Period					0.00	0.00				Scheduled	
			143.78						0.22	0.22					
11	07/14/20 08:00	07/20/20 08:00	144.00	Int. Dump: End of Period					0.00	0.00				Scheduled	
			144.00						0.00	0.00					
12	07/22/20 08:00	07/23/20 13:14	29.23	RF-4 HV glitch [RF]	107217		07/23/20 13:14	07/23/20 13:55	0.68	0.68	RF	RF	RF	Store Lost	
13	07/23/20 13:55	07/26/20 13:20	71.42	S4B.V4 trip [PS]	107219		07/26/20 13:20	07/26/20 15:37	2.28	2.28	PS	PS	PS	Store Lost	
14	07/26/20 15:37	07/27/20 08:00	16.38	Int. Dump: End of Period					0.00	0.00				Scheduled	
			117.03						2.97	2.97					
				P0 FB & RTFB issues [AOP]	107222		07/28/20 08:00	07/28/20 08:41	0.68	0.68	AOP	AOP	AOP	Inhibits Beam to User	
15	07/28/20 08:41	08/03/20 08:00	143.32	Int. Dump: End of Period					0.00	0.00				Scheduled	
			143.32						0.68	0.68					
16	08/04/20 08:00	08/10/20 13:55	149.92	RF-4 trip [RF]	107229		08/10/20 13:55	08/10/20 16:48	2.88						
							08/10/20 13:55	08/10/20 14:36	0.68		RF	RF	RF	Store Lost	
							08/10/20 14:36	08/10/20 16:48	2.20		OTH	OTH	OTH	Inhibits Beam to User	Fill <1 hr Tornado
18	08/10/20 16:48	08/13/20 00:00	55.20	Int. Dump: End of Period					0.00	0.00				Scheduled	
			205.12						2.88	2.88					
19	09/14/20 08:00	09/14/20 09:13	1.22	Human Error [AOP]			09/14/20 09:13	09/14/20 09:46	0.55	0.55	AOP	AOP	AOP	Store Lost	
20	09/14/20 09:46	09/16/20 20:28	58.70	RTFB Glitch [UNK]			09/16/20 20:28	09/16/20 21:04	0.60	0.60	UNK	UNK	UNK	Store Lost	
21	09/16/20 21:04	09/18/20 13:23	40.32	S11A.H1 PS failed [PS]			09/18/20 13:23	09/18/20 14:38	1.25	1.25	PS	PS	PS	Store Lost	
22	09/18/20 14:38	09/21/20 08:00	65.37	Int. Dump: End of Period					0.00	0.00				Scheduled	
			164.38						2.46	2.46					
23	09/22/20 08:00	09/22/20 09:36	1.60	S1&2 H2O flow [MOM]			09/22/20 09:36	09/22/20 10:29	0.88	0.88	MOM	MOM	MOM	Store Lost	
24	09/22/20 10:29	09/24/20 22:18	58.82	S39A.H2 PS Glitch[PS]			09/24/20 22:18	09/24/20 23:20	1.03	1.03	PS	PS	PS	Store Lost	
25	09/24/20 23:20	09/25/20 03:36	4.27	S39A.H2 PS Glitch[PS]			09/25/20 03:36	09/25/20 06:19	2.72						
							09/25/20 03:36	09/25/20 04:07	0.52		PS	PS	PS	Store Lost	
							09/25/20 04:07	09/25/20 06:19	2.20		RF	RF	RF	Inhibits Beam to User	
26	09/25/20 06:19	09/28/20 08:00	73.68	Int. Dump: End of Period					0.00	0.00				Scheduled	
			137.77						4.63	4.63					

Number of Lost Fills 13
 Number of Intentional Dumps 10
 Number of Fills 23
 Total User Beam 1403.36
 Total User Downtime 27.23 ← This downtime includes Gaps Open
 Total Schedule Run Length 1431
 Mean Time Between Faults 107.95
 Faults/Day of Delivered Beam 0.22
 X-ray Availability 98.10%

Downtime
 User System
 27.23 27.23