

Downtime for Run 2018-2

Fill #	Start	End	Length	Loss Reason	DIN #	Audit	Start	End	User Length	System Length	Cause	System	Group	Type	Description
1	05/30/18 08:00	05/31/18 09:57	25.95	Human Error [OTH]	106818		05/31/18 09:57	05/31/18 11:00	1.05	1.05	UES	UES	UES	Store Lost	
2	05/31/18 11:00	06/01/18 06:17	19.28	S40B:H3 p.s. glitch [PS]	106819		06/01/18 06:17	06/01/18 06:57	0.67	0.67	PS	PS	PS	Store Lost	
3	06/01/18 06:57	06/04/18 08:00	73.05	Int Dump: End of Period					0.00	0.00				Scheduled	
			118.28						1.72	1.72					
4	06/05/18 08:00	06/09/18 04:04	92.07	ANL power sag [OTH]	106828		06/09/18 04:04	06/09/18 04:40	0.60	0.60	ComEd	ComEd	ComEd	Store Lost	
5	06/09/18 04:40	06/11/18 08:00	51.33	Int Dump: End of Period					0.00	0.00				Scheduled	
			143.40						0.60	0.60					
6	06/12/18 08:00	06/15/18 14:16	78.27	RTFB glitch [CTL]	106835		06/15/18 14:16	06/15/18 15:28	1.20	1.20	CTL	CTL	CTL	Store Lost	
7	06/15/18 15:28	06/18/18 08:00	64.53	Int Dump: End of Period					0.00	0.00				Scheduled	
			142.80						1.20	1.20					
8	06/19/18 08:00	06/21/18 05:35	45.58	RTFB glitch [CTL]	106838		06/21/18 05:35	06/21/18 06:26	0.85	0.85	CTL	CTL	CTL	Store Lost	
9	06/21/18 06:26	06/25/18 08:00	97.57	Int Dump: End of Period					0.00	0.00				Scheduled	
			143.15						0.85	0.85					
10	06/27/18 08:00	06/28/18 19:04	35.07	S19B:Q3 tripped [PS]	106844		06/28/18 19:04	06/28/18 21:58	2.90	2.90	PS	PS	PS	Store Lost	
11	06/28/18 21:58	07/04/18 08:00	130.03	Int Dump: End of Period					0.00	0.00				Scheduled	
			165.10						2.90	2.90					
12	07/05/18 08:00	07/08/18 03:00	67.00	S29B:V1 P.S. glitch[PS]	106852		07/08/18 03:00	07/08/18 04:55	1.92						2nd glitch,PS shut off,3rd loss 1.1hr-PS,0.81hr-un
							07/08/18 03:00	07/08/18 04:06		1.10	PS	PS	PS	Store Lost	
							07/08/18 04:06	07/08/18 04:55		0.82	UNK	UNK	UNK	Inhibits Beam to User	
14	07/08/18 04:55	07/09/18 08:00	27.08	Int Dump: End of Period					0.00	0.00				Scheduled	
			94.08						1.92	1.92					
15	07/10/18 08:00	07/10/18 15:59	7.98	9BM PSS fault [SI]	106855		07/10/18 15:59	07/10/18 19:03	3.07						
							07/10/18 15:59	07/10/18 17:15		1.27	SI	SI	SI	Store Lost	
							07/10/18 17:15	07/10/18 19:03		1.80	FAC	FAC	FAC	Inhibits Beam to User	
16	07/10/18 19:03	07/12/18 11:00	39.95	S8 bellows vac.leak[MOM]	106856		07/12/18 11:00	07/15/18 06:38	67.63	67.63	VAC	VAC	VAC	Store Lost	
17	07/15/18 06:38	07/15/18 09:05	2.45	S17B:Q4 trip [PS]	106857		07/15/18 09:05	07/15/18 11:04	1.98	1.98	PS	PS	PS	Store Lost	
18	07/15/18 11:04	07/16/18 08:00	20.93	Int Dump: End of Period					0.00	0.00				Scheduled	
			71.32						72.68	72.68					
19	07/17/18 08:00	07/23/18 08:00	144.00	Int Dump: End of Period					0.00	0.00				Scheduled	
			144.00						0.00	0.00					
20	07/24/18 08:00	07/30/18 04:51	140.85	S17A:Q5 P.S. glitch[PS]	106863		07/30/18 04:51	07/30/18 06:10	1.32	1.32	PS	PS	PS	Store Lost	
21	07/30/18 06:10	07/30/18 08:00	1.83	Int Dump: End of Period					0.00	0.00				Scheduled	
			142.68						1.32	1.32					
22	07/31/18 08:00	08/01/18 10:47	26.78	Human error [OTH]	106867		08/01/18 10:47	08/01/18 12:16	1.48						
							08/01/18 10:47	08/01/18 11:32		0.75	UES	UES	UES	Store Lost	
							08/01/18 11:32	08/01/18 12:16		0.73	AOP	AOP	AOP	Inhibits Beam to User	
23	08/01/18 12:16	08/06/18 08:00	115.73	Int Dump: End of Period					0.00	0.00				Scheduled	
			142.52						1.48	1.48					
24	08/07/18 08:00	08/09/18 17:25	57.42	Human error [AOP]			08/09/18 17:25	08/09/18 18:27	1.03	1.03	AOP	AOP	AOP	Store Lost	
25	08/09/18 18:27	08/10/18 02:51	8.40	RF2 LLRF glitch[RF]			08/10/18 02:51	08/10/18 03:23	0.53	0.53	RF	RF	RF	Store Lost	
26	08/10/18 03:23	08/13/18 08:00	76.62	Starting Supplemental					0.00	0.00				Scheduled	
			142.43						1.57	1.57					
27	08/14/18 08:00	08/16/18 10:51	50.85	S11 MPS latch card[CTL]			08/16/18 10:51	08/16/18 11:55	1.07	1.07	CTL	CTL	CTL	Store Lost	
28	08/16/18 11:55	08/21/18 08:00	116.08	Int Dump: End of Period					0.00	0.00				Scheduled	
			166.93						1.07	1.07					

Number of Lost Fills 15
 Number of Intentional Dumps 12
 Number of Fills 27

Downtime
 User System
 87.30 87.30

Total User Beam 1616.70
 Total User Downtime 87.30 <-- This downtime includes Gaps Open
 Total Schedule Run Length 1704

67.4 User Beam days

Mean Time Between Faults 107.78
 Faults/Day of Delivered Beam 0.22
 X-ray Availability 94.88%