

Downtime for Run 2015-3

Fill #	Start	End	Length	Loss Reason	DIN #	Audit	Start	End	User Length	System Length	Cause	System	Group	Type	Description
1	10/06/15 08:00	10/08/15 06:55	46.92	Power event [OTH]	106366		10/08/15 06:55	10/08/15 08:33	1.63	1.63	ComEd	ComEd	ComEd	Store Lost	
2	10/08/15 08:33	10/08/15 17:02	8.48	S26 Cab.3 Gespac [PS]	106367		10/08/15 17:02	10/08/15 18:18	1.27	1.27	PS	PS	PS	Store Lost	
3	10/08/15 18:18	10/13/15 08:00	109.70	Int Dump: End of Period					0.00	0.00				Scheduled	
			165.10						2.90	2.90					
4	10/14/15 08:00	10/15/15 23:42	39.70	12ID PSS trip [SI]	106369		10/15/15 23:42	10/16/15 00:43	1.02	1.02	SI	SI	SI	Store Lost	
5	10/16/15 00:43	10/20/15 08:00	103.28	Int Dump: End of Period					0.00	0.00				Scheduled	
			142.98						1.02	1.02					
					106372		10/21/15 08:00	10/21/15 09:02	1.03	1.03	PS	PS	PS	Inhibits Beam to User	Human error PS trip, conditioned, refilled [PS]
7	10/21/15 09:02	10/22/15 10:58	25.93	RF1 HV trip [RF]	106373		10/22/15 10:58	10/22/15 11:31	0.55	0.55	RF	RF	RF	Store Lost	
8	10/22/15 11:31	10/22/15 23:59	12.47	RF2 HV trip[RF]	106374		10/22/15 23:59	10/23/15 00:35	0.60	0.60	RF	RF	RF	Store Lost	
9	10/23/15 00:35	10/27/15 08:00	103.42	Int Dump: End of Period					0.00	0.00				Scheduled	
			141.82						2.18	2.18					
10	10/28/15 08:00	10/28/15 12:55	4.92	S40B:V4 P.S. glitch[PS]	106375		10/28/15 12:55	10/28/15 16:20	3.42	3.42	PS	PS	PS	Store Lost	2nd trip, investigation, swap-out supply P.S.
12	10/28/15 16:20	11/02/15 08:00	112.67	Int Dump: End of Period					0.00	0.00				Scheduled	
			117.58						3.42	3.42					
					106381		11/04/15 08:00	11/04/15 08:12	0.20	0.20	AOP	AOP	AOP	Inhibits Beam to User	
13	11/04/15 08:12	11/04/15 14:27	6.25	S10B:V1 glitch [PS]	106382		11/04/15 14:27	11/04/15 14:54	0.45	0.45	PS	PS	PS	Store Lost	
14	11/04/15 14:54	11/10/15 08:00	137.10	Int Dump: End of Period					0.00	0.00				Scheduled	
			143.35						0.65	0.65					
15	11/11/15 08:00	11/13/15 10:31	50.52	S1B:S2 P.S. trip [PS]	106384		11/13/15 10:31	11/13/15 11:42	1.18	1.18	PS	PS	PS	Store Lost	
16	11/13/15 11:42	11/16/15 17:53	78.18	12ID PSS trip [SI]	106385		11/16/15 17:53	11/16/15 18:39	0.77	0.77	SI	SI	SI	Store Lost	
17	11/16/15 18:39	11/17/15 08:00	13.35	Int Dump: End of Period					0.00	0.00				Scheduled	
			142.05						1.95	1.95					
					106386		11/18/15 08:00	11/18/15 09:01	1.02	1.02	AOP	AOP	AOP	Inhibits Beam to User	Booted wrong IOCs causing timing issue [AOP]
18	11/18/15 09:01	11/25/15 12:52	171.85	S10A:Q3 glitch [PS]	106391		11/25/15 12:52	11/25/15 13:21	0.48	0.48	PS	PS	PS	Store Lost	
19	11/25/15 13:21	11/26/15 00:00	10.65	Int Dump: End of Period					0.00	0.00				Scheduled	
			182.50						1.50	1.50					
20	11/27/15 08:00	12/01/15 08:00	96.00	Int Dump: End of Period					0.00	0.00				Scheduled	
			96.00						0.00	0.00					
21	12/02/15 08:00	12/08/15 08:00	144.00	Int Dump: End of Period					0.00	0.00				Scheduled	
			144.00						0.00	0.00					
22	12/09/15 08:00	12/15/15 08:00	144.00	Int Dump: End of Period					0.00	0.00				Scheduled	
			144.00						0.00	0.00					
23	12/16/15 08:00	12/17/15 12:28	28.47	Absorber Ct. trip [CTL]	106393		12/17/15 12:28	12/17/15 13:20	0.87	0.87	CTL	CTL	CTL	Store Lost	
24	12/17/15 13:20	12/20/15 09:57	68.62	Mtpl. P.S.&RF trip[RF]	106395		12/20/15 09:57	12/20/15 11:33	1.60	1.60	RF	RF	RF	Store Lost	
25	12/20/15 11:33	12/20/15 14:11	2.63	Int.Dump for RF LOTO[RF]	106396		12/20/15 14:11	12/20/15 17:59	3.80	3.80	RF	RF	RF	Store Lost	
26	12/20/15 17:59	12/21/15 08:00	14.02	Int Dump: End of Period					0.00	0.00				Scheduled	
			113.73						6.27	6.27					

Number of Lost Fills 13
 Number of Intentional Dumps 11
 Number of Fills 24

Downtime
 User System
 19.88 19.88

Total User Beam 1533.12 63.9 User Beam days
 Total User Downtime 19.88 <-- This downtime includes Gaps Open
 Total Schedule Run Length 1553

Mean Time Between Faults 117.93
 Faults/Day of Delivered Beam 0.20

X-ray Availability 98.7%