

Downtime for Run 2012-3

Fill #	Start	End	Length	Loss Reason	DIN #	Audit	Start	End	User Length	System Length	Cause	System	Group	Type	Description
1	10/02/12 08:00	10/03/12 00:26	16.43	IEX corr stpt change[?]	105909		10/03/12 00:26	10/03/12 00:51	0.42	0.42	AOP	AOP	AOP	Store Lost	
2	10/03/12 00:51	10/08/12 08:00	127.15	Int Dump: End of Period					0.00	0.00				Scheduled	
			143.58						0.42	0.42					
3	10/10/12 08:00	10/11/12 04:45	20.75	S30A:Q3:PS trip [PS]	105916		10/11/12 04:45	10/11/12 09:35	4.83		PS	PS	PS		
							10/11/12 04:45	10/11/2012 5:53		1.13	PS	PS	PS	Store Lost	Swap PS
					105917		10/11/2012 5:53	10/11/12 09:15		3.37	SI	SI	SI	Inhibits Beam To User	ACIS trip
							10/11/12 09:15	10/11/12 09:35		0.33	RF	RF	RF	Inhibits Beam To User	RF recovery
5	10/11/12 09:35	10/13/12 07:47	46.20	S29A:S2:PS trip[PS]	105918		10/13/12 07:47	10/13/12 08:58	1.18		PS	PS	PS	Store Lost	
6	10/13/12 08:58	10/14/12 14:29	29.52	Tornado Warning	105919		10/14/12 14:29	10/14/12 14:43	0.23	0.23	Weather	Weather	Weather	Inhibits Beam To User	
7	10/14/12 14:43	10/16/12 08:00	41.28	Int Dump: End of Period					0.00	0.00				Scheduled	
			137.75						6.25	6.25					
8	10/17/12 08:00	10/18/12 07:34	23.57	P0 feedback adj, [AOP]	105923		10/18/12 07:34	10/18/12 08:40	1.10	1.10	AOP	AOP	AOP	Store Lost	
9	10/18/12 08:40	10/19/12 13:19	28.65	S36 RF cav. vacuum[RF]	105926		10/19/12 13:19	10/19/12 14:01	0.70	0.70	RF	RF	RF	Store Lost	
10	10/19/12 14:01	10/19/12 17:35	3.57	S36 RF cav. vacuum[RF]	105927		10/19/12 17:35	10/19/12 18:01	0.43	0.43	RF	RF	RF	Store Lost	
11	10/19/12 18:01	10/23/12 08:00	85.98	Int Dump: End of Period					0.00	0.00				Scheduled	
			141.77						2.23	2.23					
12	10/24/12 08:00	10/24/12 13:20	5.33	RF3/RF2 AGC control[RF]	105932		10/24/12 13:20	10/24/12 13:43	0.38	0.38	RF	RF	RF	Store Lost	
13	10/24/12 13:43	10/29/12 08:00	114.28	Int Dump: End of Period					0.00	0.00				Scheduled	
			119.62						0.38	0.38					
14	10/31/12 08:00	11/06/12 08:00	145.00	Int Dump: End of Period					0.00	0.00				Scheduled	
			145.00						0.00	0.00					
15	11/07/12 08:00	11/10/12 05:02	69.03	RF4 HV trip [RF]	105936		11/10/12 05:02	11/10/12 05:25	0.38	0.38	RF	RF	RF	Store Lost	
16	11/10/12 05:25	11/10/12 23:50	18.42	21ID FE-EPS trip [MOM]	105937		11/10/12 23:50	11/11/12 00:46	0.93	0.93	MOM	MOM	MOM	Store Lost	
17	11/11/12 00:46	11/11/12 03:55	3.15	21ID FE-EPS trip [MOM]	105938		11/11/12 03:55	11/11/12 04:16	0.35	0.35	MOM	MOM	MOM	Store Lost	
18	11/11/12 04:16	11/12/12 05:51	25.58	RF3 HV trip [RF]	105939		11/12/12 05:51	11/12/12 08:00	2.15	2.15	RF	RF	RF	Store Lost	Multiple trips w/ <1 hr delivered beam
			116.18						3.82	3.82					
21	11/14/12 08:00	11/21/12 03:32	163.53	RF2 Crowbar [RF]	105942		11/21/12 03:32	11/21/12 04:04	0.53	0.53	RF	RF	RF	Store Lost	
22	11/21/12 04:04	11/21/12 10:02	5.97	S:IK4 PS Fault [PS]	105943		11/21/12 10:02	11/21/12 11:10	1.13	1.13	PS	PS	PS	Store Lost	
23	11/21/12 11:10	11/22/12 00:00	12.83	Int Dump: End of Period					0.00	0.00				Scheduled	
			182.33						1.67	1.67					
24	11/23/12 08:00	11/27/12 08:00	96.00	Int Dump: End of Period					0.00	0.00				Scheduled	
			96.00						0.00	0.00					
25	11/28/12 08:00	12/04/12 08:00	144.00	Int Dump: End of Period					0.00	0.00				Scheduled	
			144.00						0.00	0.00					
26	12/05/12 08:00	12/09/12 14:38	102.63	7BM door fault [SI]	105591		12/09/12 14:38	12/09/12 16:10	1.53	1.53	SI	SI	SI	Store Lost	
27	12/09/12 16:10	12/11/12 08:00	39.83	Int Dump: End of Period					0.00	0.00				Scheduled	
			142.47						1.53	1.53					
28	12/12/12 08:00	12/12/12 15:05	7.08	RF1 Temp Intlk [RF]	105592		12/12/12 15:05	12/12/12 15:51	0.77	0.77	RF	RF	RF	Store Lost	
29	12/12/12 15:51	12/15/12 08:55	65.07	RF2 Crowbar trip[RF]	105593		12/15/12 08:55	12/15/12 09:29	0.57	0.57	RF	RF	RF	Store Lost	
30	12/15/12 09:29	12/15/12 17:47	8.30	S10/11 Raw PS trip [PS]	105594		12/15/12 17:47	12/15/12 21:30	3.72	3.72	PS	PS	PS	Store Lost	Replaced power supply for PSCU, conditioned, refill
31	12/15/12 21:30	12/17/12 15:50	42.33	Com-Ed Power Sag [Oth]	105595		12/17/12 15:50	12/18/12 03:59	12.15						
							12/17/12 15:50	12/17/12 20:52		5.03	ComEd	ComEd	ComEd	Store Lost	
							12/17/12 20:52	12/18/12 00:25		3.56	CTLS	CTLS	CTLS	Inhibits Beam To User	PAR scraper moved without command
							12/18/12 00:25	12/18/12 03:59		3.56	AOP	AOP	AOP	Inhibits Beam To User	Recovery of PAR extraction
32	12/18/12 03:59	12/18/12 12:14	8.25	Int.Dump 1296 fill[AOP]	105596		12/18/12 12:14	12/18/12 12:35	0.35	0.35	AOP	AOP	AOP	Dumped	
33	12/18/12 12:35	12/20/12 00:00	35.42	Int Dump: End of Period					0.00	0.00				Scheduled	
			166.45						17.55	17.55					

Number of Lost Fills 19
Number of Intentional Dumps 11
Number of Fills 30

Total User Beam 1535.15
Total User Downtime 33.85 <-- This downtime includes Gaps Open
Total Schedule Run Length 1569

Downtime
 User System
 33.85 33.85

Mean Time Between Faults 80.80
Faults/Day of Delivered Beam 0.30

X-ray Availability 97.8%

Fill #	Start	End	Length	Loss Reason	DIN #	Audit	Start	End	User Length	System Length	Cause	System	Group	Type	Description
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