

Downtime for Run 2013-1

Fill #	Start	End	Length	Loss Reason	DIN #	Audit	Start	End	User Length	System Length	Cause	System	Group	Type	Description
1	01/29/13 08:00	02/01/13 12:18	76.30	SR Vac Valve Closed	105965		02/01/13 12:18	02/01/13 15:10	2.87	2.87	CTL	CTL	CTL	Store Lost	
2	02/01/13 15:10	02/05/13 08:00	88.83	Int Dump: End of Period					0.00	0.00				Scheduled	
			165.13						2.87	2.87					
3	02/06/13 08:00	02/09/13 11:24	75.40	IOCRF3HVPS reboot			02/09/13 11:24	02/09/13 12:58	1.57						
					105967		02/09/13 11:24	02/09/13 11:54		0.50	CTL	CTL	CTL	Store Lost	
					105968		02/09/13 11:54	02/09/13 12:58		1.07	AOP	AOP	AOP	Int Dumped	Bad bunch purity
5	02/09/13 12:58	02/11/13 17:56	52.97	23ID PSS trip [SI]	105969		02/11/13 17:56	02/11/13 18:41	0.75	0.75	SI	SI	SI	Store Lost	
6	02/11/13 18:41	02/12/13 08:00	13.32						0.00	0.00				Scheduled	
			141.68						2.32	2.32					
7	02/13/13 08:00	02/14/13 08:04	24.07	UPS Bypass Failed [SO]	105971		02/14/13 08:04	02/14/13 11:54	3.83	3.83	SO	SO	SO	Store Lost	
8	02/14/13 11:54	02/19/13 08:00	116.10	Int Dump: End of Period					0.00	0.00				Scheduled	
			140.17						3.83	3.83					
9	02/20/13 08:00	02/25/13 08:00	120.00	Int Dump: End of Period					0.00	0.00				Scheduled	
			120.00						0.00	0.00					
10	02/27/13 08:00	02/28/13 17:19	33.32	RF2 Crowbar [RF]	105974		02/28/13 17:19	02/28/13 18:07	0.80						
							02/28/13 17:19	02/28/13 17:49		0.50	RF	RF	RF	Store Lost	
							02/28/13 17:49	02/28/13 18:07		0.30	AOP	AOP	AOP	Inhibits Beam to User	
11	02/28/13 18:07	03/05/13 08:00	109.88	Int Dump: End of Period					0.00	0.00				Scheduled	
			143.20						0.80	0.80					
12	03/06/13 08:00	03/07/13 21:17	37.28	RF2 unstable [RF]	105976		03/07/13 21:17	03/08/13 02:05	4.80	4.80	RF	RF	RF	Store Lost	
14	03/08/13 02:05	03/08/13 14:38	12.55	RF2 unstable [OTH]	105977		03/08/13 14:38	03/08/13 15:11	0.55	0.55	OTH	OTH	OTH	Store Lost	
15	03/08/13 15:11	03/11/13 08:00	63.82	Int Dump: End of Period					0.00	0.00				Scheduled	
			113.65						5.35	5.35					
16	03/13/13 08:00	03/19/13 08:00	144.00	Int Dump: End of Period					0.00	0.00				Scheduled	
			144.00						0.00	0.00					
17	03/20/13 08:00	03/26/13 08:00	144.00	Int Dump: End of Period					0.00	0.00				Scheduled	
			144.00						0.00	0.00					
18	03/27/13 08:00	04/02/13 08:00	144.00	Int Dump: End of Period					0.00	0.00				Scheduled	
			144.00						0.00	0.00					
19	04/03/13 08:00	04/06/13 13:58	77.97	20ID PSS trip [SI]	105982		04/06/13 13:58	04/06/13 14:42	0.73	0.73	SI	SI	SI	Store Lost	
20	04/06/13 14:42	04/08/13 08:28	41.77	S29A:S2 tripped [PS]	105986		04/08/13 08:28	04/08/13 09:49	1.35	1.35	PS	PS	PS	Store Lost	
21	04/08/13 09:49	04/09/13 08:00	22.18	Int Dump: End of Period					0.00	0.00				Scheduled	
			141.92						2.08	2.08					
22	04/10/13 08:00	04/16/13 08:00	144.00	Int Dump: End of Period					0.00	0.00				Scheduled	
			144.00						0.00	0.00					
23	04/17/13 08:00	04/22/13 11:59	123.98	10BM PSS trip [OTH]	105990		04/22/13 11:59	04/22/13 14:08	2.15						
							04/22/13 11:59	04/22/13 13:28		1.48	OTH	OTH	OTH	Store Lost	
							04/22/13 13:14	04/22/13 14:08		0.90	DIA	DIA	DIA	Inhibits Beam to User	
							04/22/13 13:37	04/22/13 14:08		0.52	AOP	AOP	AOP	Inhibits Beam to User	
24	04/22/13 14:08	04/24/13 08:00	41.87	Int Dump: End of Period					0.00	0.00				Scheduled	
			165.85						2.15	2.90					

Number of Lost Fills 10
 Number of Intentional Dumps 12
 Number of Fills 22

Downtime
 User System
 19.40 20.15

Total User Beam 1707.60 71.1 User Beam days
 Total User Downtime 19.40 <-- This downtime includes Gaps Open
 Total Schedule Run Length 1727

Mean Time Between Faults 170.76
 Faults/Day of Delivered Beam 0.14
 X-ray Availability 98.88%