

FY 2015 Reliability Summary

Data through Run 2015-2

FY 2015 Actual	Unavailability	Unavailability	Number	Mean Time	Faults Per		
	Percent	Hours					
RF	0.08%	4.20	5	988.8	0.02	User Downtime Hours	55.95
Diagnostics	0.13%	6.53	1	4944.0	0.00		
PS	0.40%	20.02	8	618.0	0.04	Scheduled Hours	5000
Controls	0.15%	7.68	5	988.8	0.02		
Network	0.00%	0.00	0		0.00	Delivered Hours	4944.0
Safety Interlocks	0.08%	3.97	5	988.8	0.02		
Radiation Monitors	0.00%	0.00	0		0.00	User Availability	98.88%
MOM	0.02%	0.85	2	2472.0	0.01		
S&A	0.00%	0.00	0		0.00	Longest period w/out a fault	587.17
Operations	0.13%	6.53	6	824.0	0.03		
ID-FE	0.00%	0.00	0		0.00		
ID-FE/MD	0.00%				0.00		
ID-FE/XFE	0.00%				0.00		
Utilities	0.02%	0.78	1	4944.0	0.00		
Electrical - APS	0.00%	0.00	0		0.00		
Electrical - ANL	0.02%	0.78	1	4944.0	0.00		
Cooling - ANL	0.00%	0.00	0		0.00		
Other	0.09%	4.72	2	2472.0	0.01		
Unidentified	0.01%	0.67	1	4944.0	0.00		
APS-U		0.67	1	4944.0	0.00		
Total	1.13%	56.62	36	137.3	0.17		

Run 2014-3	Unavailability	Unavailability	Number	Mean Time	Faults Per		
	Percent	Hours					
RF	0.05%	0.82	1	1536.9	0.02	User Downtime Hours	16.08
Diagnostics	0.23%	3.60	0		0.00		
PS	0.08%	1.25	2	768.5	0.03	Scheduled Hours	1553.0
Controls	0.46%	7.18	5	307.4	0.08	Delivered Hours	1536.9
Network	0.00%	0.00	0		0.00		
Safety Interlocks	0.13%	1.97	2	768.5	0.03	User Availability	98.96%
Radiation Monitors	0.00%	0.00	0		0.00		
MOM	0.00%	0.00	0		0.00		
S&A	0.00%	0.00	0		0.00	Longest period w/out a fault	587.17
Operations	0.08%	1.27	2	768.5	0.03		
ID-FE							
Utilities	0.00%	0.00	0		0.00		
Electrical - APS	0.00%	0.00	0		0.00		
Electrical - ANL	0.00%	0.00	0		0.00		
Cooling - ANL	0.00%	0.00	0		0.00		
Other	0.00%	0.00	0		0.00		
Unidentified	0.00%	0.00	0		0.00		
Total	1.05%	16.08	12	128.1	0.19		

Run 2015-1	Unavailability	Unavailability	Number	Mean Time	Faults Per		
	Percent	Hours					
RF	0.11%	1.87	2	849.2	0.03	User Downtime Hours	28.52
Diagnostics	0.17%	2.93	1	1698.5	0.01		
PS	0.79%	13.72	4	424.6	0.06	Scheduled Hours	1727
Controls	0.03%	0.50	0		0.00	Delivered Hours	1698.5
Network	0.00%	0.00	0		0.00		
Safety Interlocks	0.07%	1.15	2	849.2	0.03	User Availability	98.3%
Radiation Monitors	0.00%	0.00	0		0.00		
MOM	0.05%	0.85	2	849.2	0.03		
S&A	0.00%	0.00	0		0.00	Longest period w/out a fault	304.03
Operations	0.28%	4.90	3	566.2	0.04		
ID-FE	0.00%	0.00			0.00		
Utilities	0.05%	0.78	1	1698.5	0.01		
Electrical - APS	0.00%	0.00	0		0.00		
Electrical - ANL	0.05%	0.78	1	1698.5	0.01		
Cooling - ANL	0.00%	0.00	0		0.00		
Other	0.07%	1.15	1	1698.5	0.01		
Unidentified	0.04%	0.67	1	1698.5	0.01		
Total	1.68%	28.52	17	99.9	0.24		

Run 2015-2	Unavailability	Unavailability	Number	Mean Time	Faults Per		
	Percent	Hours					
RF	0.09%	1.52	2	768.5	0.03	User Downtime Hours	11.35
Diagnostics	0.00%	0.00	0		0.00		
PS	0.29%	5.05	2	768.5	0.03	Scheduled Hours	1720
Controls	0.00%	0.00	0		0.00	Delivered Hours	1708.6
Network	0.00%	0.00	0		0.00		
Safety Interlocks	0.05%	0.85	1	1536.9	0.02	User Availability	99.3%
Radiation Monitors	0.00%	0.00	0		0.00		
MOM	0.00%	0.00	0		0.00		
S&A	0.00%	0.00	0		0.00	Longest period w/out a fault	538.28
Operations & Analy	0.02%	0.37	1	1536.9	0.02		
Physics	0.00%	0.00	0		0.00		
ID-FE	0.00%	0.00			0.00		
ID-FE/MD	0.00%	0.00			0.00		
UES	0.00%	0.00			0.00		
Utilities	0.00%	0.00	0		0.00		
Electrical - APS	0.00%	0.00	0		0.00		
Electrical - ANL	0.00%	0.00	0		0.00		
Cooling - ANL	0.00%	0.00	0		0.00		
Other	0.21%	3.57	1	1536.9	0.02		
Unidentified	0.00%	0.00	0		0.00		
APS-U	0.00%	0.00	0		0.00		
Total	0.66%	11.35	7	244.1	0.10		

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