

### April / May Shutdown 4/21/04 - 5/20/04

PS SR Tasks			
WORK Items	WRQ #	Estimated Duration	Comments
Install Corrector Regulators in Zone's A, & B	14837		Complete
Remove trims from existing locations and install into S14, 29, 30, 36, 37, 38, 39, 40 & 1	14838		Complete
Replace Gespac Power Supplies in Sector ?	14932		Completed in Cabinets 1 & 2 of sector 2
Inspect and Replace radiation damaged magnet interlock Cables	14933		107 cables found will be fixed next shutdown, replacing 3 feet & installing an in-line connector
Check 31BQ2 bus connection	13934		Complete
Replace Stop buttons on Raw PS's	14931		Complete
Inspect for jumpered out klixon's and temp sensors			Complete, list passed to Putnam
Install 24V power supply for Strobe's	15014		Deferred, delayed delivery of power supplies, 1 unit installed in S40:01
Replace water hoses in EMW	15010		Complete
Raw PS - clean water filters			Deferred
Install Lexan covers & jumper out EMW front door switches			Complete
30AQ4 Re-route Output cables			Complete
19AH3 Missing DAC Front Panel			Deferred
Repair Items found during thermal scan			Complete
Repair problems created by paralleling Klixon's			Complete
Operator Training			Complete
Electrical Tasks			
Add additional circuit to EMW & CUP for IOC	14965		Complete
Zone F ACIS / Radiation Monitor Power			Complete

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<b>ACIS Tasks</b>			
Linac / Par - software modifications, test, & perform validation			Complete
LEUTL - software modifications, test, & perform validation			Complete
Pull cables from 420 A005 to wave guide shutters 3/5			Ongoing
Support beam line installations			Ongoing
<b>FEEPS Tasks</b>			
Install of 21ID			Complete
VAT changes on 9bm 9id & 33bm			
Jumper out DP Trips on all beamlines			
Change AB crate @ 9BM			Complete
<b>PSS Tasks</b>			
Validations 1BM, 11D, 3ID, 5ID, 7ID, 12BM, 13ID, 14ID, 15ID, 16BM, 17ID, 18ID, 22BM, 23ID, 33ID, & 33BM			Complete
Replacing the WDT relays with the new version 1BM, 11D, 3ID, 5ID, 7ID, 12BM, 13ID, 14ID, 15ID, 16BM, 17ID, 18ID, 22BM, 23ID, 33ID, & 33BM	15077		Complete
21ID Front end install			Complete
2BM Relocate 15U	15013		Complete
Replace WDT relays on all other beam lines	14977		Complete
23ID Support FE shutter work	15082		Complete
24ID Support FE shutter work	15082		Complete
3ID Install RSI	15012		Complete on PSS end
34ID DIW Relocations	15078		Complete
34ID Check wiring on RSI chassis	15111		Complete
1ID, 2ID, 3ID, 4ID, 5ID, 6ID, 7ID, 8ID, 11ID, 16ID, 23ID, 24ID & 34ID Remove obsolete diw cables			
31ID Repair Rear door lock (upstairs PSS cabinet)			Complete
15BM, 18BM & 34BM Replace FE Stickers			Complete
16ID Relocate search box	15011		Complete
20ID Reverse search direction in Station B	15083		Complete
All Sectors Reprogram all DP love controllers, they are being switched over to flow	15121		Complete
All Sectors Check & remove dead Blowers	15110		Complete
7BM - 35ID Grounding of 15U's			Ongoing
Build prototype for 30ID in software Lab			
8BM Assist with some wiring issues in Station D			Ongoing
1ID Investigate BLEPS relocation's			
13ID Repair door lock on PSS mezzanine cabinet			Complete
15ID Label TB2 31-40(Y&Z) connectors			Complete
1BM Label TB2-21-30(Y&Z) connectors			Complete