

Department Head: Keith Gollwitzer
Machine Conditions: 12 Week Shutdown

- Shutdown Schedule

March 2006 updated 3/1/06 (draft)						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
February 27 NTF Shutdown begins	28 NTF Mi house pwr outages (4 hrs) AM Mi30, Mi31)	March 1 Mi house pwr outages (4 hrs) AM Mi10, Mi20, Mi-12)	2 Mi house pwr outages (8 hrs) Morn/afternoon Mi52, Mi60)	3 PM Mi62/65 am TEV rd closures 1 bldg at a time A1, A2, A3, F4, F3 this week	4 Feeder 42 Power outage (CUE) Power outage - computer room (12 hrs) up	5 CUB mechanical maintenance Oper. off 12 hrs
6 Feeder 24 off 2 hrs to add generators (possibly off 4.5 hrs) Linac off	7 UPS maintance Mac room comp rm..	8 Connect cable at F0 feeder 46b off (8 hrs down)	9 NTF E1F1 AM&Controls A2B2 PM&Controls TEV rd closures 1 bldg at a time A1, A2, A3, F4, F3 this week Pbar feeder on generators	10 NTF C2, d2AM&Controls E2, f2 PM&Controls	11 Booster tie switch(2 hrs) Booster PWR outage East Gallery am West gallery pM Pbar generator maintenance power off 2 hrs Moved to 3-15	12
13 NTF E3, F3 AM&Controls A4, B4 PM&Controls	14 C4, D4 AM&Controls E4, F4 PM&Controls Update t-clock No time line changes allowed 3 hrs	15 NTF A0, B0 AM&Controls C0, D0 PM&Controls Pbar feeder on generators Tax RD Closures	16 NTF F0 AM&Controls E0 PM&Controls	17	18 CDF House Power off 8 hrs Pbar generator maintenance power off 2 hrs	19
20 NTF FDR 61 Booster west gal. 2 hr pwr outage To move to generators	21 FDR 62 Ap0 pwr off for 2 hrs Ap0 on generator all week.	22 NTF Pbar feeder on generators FDR 63 Booster West gallery on generators	23 NTF FDR 71	24 Pbar & A0 comes off generators FDR 72 Booster west gallery Pwr outage 2 hrs go off generator-	25 Pbar feeder 24 down 8 hrs Booster generator maintenance Controls down 10	26
27 NTF FDR 73 Booster East gal. 2 hr pwr outage To move to generators	28 Mi 8 house pwr outage 4 hrs morning	29 NTF Booster East gallery on generators FDR 96/97 Feeder 49 moved to feeder 47 no pwr outages	30 NTF FDR 82/85	31 Booster East gallery Pwr outage 2 hrs go off generator. Linac off E4R AM & Controls		

Updated 3/1/06	MONDAY 3/6	TUESDAY 3/7	WEDNESDAY 3/8	THURSDAY 3/9	FRIDAY 3/10	SATURDAY 3/11	Sunday 3/13
Owls 0000 to 0800	← Linac M&D Days Monday to Wed →			ICW Hydrant flush day shift all week	→		
DAYS 0800 to 1600	0700—0900 Pbar feeder 24 off affect Ap10,30,50,A0, Pbar tunnels and F27 while switching over to generators			NTF PT F27 pwr off 3 weeks House power Ok Tev Rd closed 1 Bldg at a time A1, A2,A3,F4, F3 this week watch for guide signs at Tev ring entrance		Pbar Generators off to allow generator maintenance Moved to 3-15	
	0815-1130 Tev house power off A3, B3 1300-1600 Tev house power off C3, D3 Pbar feeder on generators next 3 weeks.	0815-1130 Tev house power off A1,B1 1300-1600 Tev house power off C1,D1 UPS maintance AD computer room/Mac room	Connect Cable at F0 fdr 46b off * hrs.0815-1630 0815-1130 E4R Pwr outage, also some local controls work Moved To 3/31 Linac start up	0815-1130 Tev house power off E1,F1 1300-1600 Tev house power off A2, B2	0815-1130 Tev house power off C2, D2 1300-1600 Tev house power off E2,F2	0700-0900 - off Booster off to clean tie switch 0700-1130 Booster east gallery,tunnel towers power off 1300-1600 Booster west gallery,tunnel	
EVES 1600 to 2400	→						

- Feeder 24 - 7am
- F27 - not conventional power (lights)

- Progress

- Al
 - SEM hardware subtraction work in progress
- Steve
 - Extraction kicker upgrade decision made. Will not do the upgrade this shutdown. There have been a number of setbacks. Will install the motorized stand for that kicker. Also will open up magnet to take out RTV between the ferrites.
 - Status of the AP2 line beam stop. Ready to go. There are two of them 98% ready to go. Doing some final adjustment on jaws, microswitches, etc. The stands came in today. Booster one and Pbar one are identical. Two of the three have been built.
 - The present beam stop is an old SY sidewinder and is up to ATM. There are vacuum windows on either side. WE are blowing up the beam in this location. The upgrade will allow us to hold AP2 line vacuum.
- Vladimir
 - Calibrate loss monitors in the Accumulator.
 - Fix broken loss monitors in the Debuncher.
 - Need to check data took with IPM during the shutdown.
- Bernie
 - Ps maintenance
 - D:ELAM - rewired soft start so can turn it on quicker.
 - Start on V901
 - D:V714 and 716 - will fix the wiring.
 - New DEX Bump PS will go in at AP10.

- New DEX Bump PS will go in at AP10.
 - Bill A.
 - Will check d/a BPMs
 - Don Poll
 - Repaired BAKER
 -
 - Pat S.
 - Replaced 20 BPMs
 - Replacing boards
 - Tor724 preAmps
 - New amps to replace tronteks
 - Jim Budlong
 - Emergency lights
 - Java port
 - Device database changes
 - Obie
 - Ap50 SO cord - 25% complete
 - AP10 dumb waiter fixed
 - Halbert
 - Trims in process of hanging the stands. Hope to have one of them hung today.
 - Dave P.
 - Electronics for new Debuncher BPMs upstairs work in progress.
 - Stan Johnson
 - Operatoins stuff
 - DVM
 - Start by looking at EKIK
 - ME
 - Document running conditions - made the index.
 - Documentation
 - Run Co stuff
 - Keith
- Progress
 - Motorized kciker stand ekik
 - Rotate D/A BPMs
 - New D10 pipe - transverse schottky location
 - Quad bpm remove
 - Accumulator BPM maintenance
 - New trim PS
 - AP30 tank leak
 - 4-8GHz filter to get more gain
 - Replace IPM MCPs
 - LM calibration
 - AP2 Vacuum gate to help with furture removal of ic728
 - Ap2 trims
 - Install beam stop in ap2
 - Rotate ap2 bpm
 - OTR in AP1
 - Install new target
 - Ap50 SO cord
 - AP0 SO cord
 - Debuncher quad shunts
 - Feeder 24 replacement
 - LCW flush - DS end of AP2 especially
 - Survey level run
 - Install hall probes
 - Upgrade Deb. BPM
 - Beam line BPM cable

- M:Q109 replacement
- Cryo maintenace