

## AGS MAINTENANCE/MODIFICATIONS/REPAIRS

Sept. 30, 1998 to Oct. 1, 1998 SHUTDOWN

R. Zaharatos - Sept. 29, 1998 Rev. 1

### SHUTDOWN SCHEDULE

#### Sept. 30

0700 HEP off. Set all equipment to off  
0730 Detailed HP survey of Linac for Tank #8 repair  
Begin LOTO of Booster Ring for Restricted Access  
Make certain all equipment cooled by Tower 1 and RF/MG has been secured  
0800 Linac tanks area on Restricted Access  
Cooling Towers 1 and RF/MG off for cleaning.  
0830-1300 Shutdown of 3J42 Substation to repair splice(see effected areas list by C. Magoulas)  
0830 Begin Hi-Pot of Booster Ring  
Begin AGS Ring Restricted Access LOTO  
1000 AGS - detailed HP survey plus specific survey requests.  
SEB and U Line access as required  
1100 AGS Ring switched to Restricted Access  
1500 Secure Booster Ring and remove LOTO  
1630 Booster equipment turn-on as required  
1930 Secure AGS Ring and remove LOTO  
2200 Begin AGS equipment turn-on/checkout

#### Oct. 1

0800 Booster and AGS equipment turn-on continues  
Linac Tank #8 conditioning continues  
1200 ?? AGS Set-up when Linac is ready to deliver beam

### PRIMARY JOBS

#### AGS RING SYSTEMS

1. Repair and clean RF/MG Cooling Tower
2. Clean Cooling Tower 1
3. Inspect Siemen's brushes
4. Repair splice in feeder cable from Substation 3J42(power shutdown effects G18 Hse., old H10 Hse., Siemen's royal 3J42-3, and EEA royal 3J42-1 for DD15, D6Q6, D6Q9 )
5. Repair ground monitoring system---four units in "F" have large dc offsets
6. Test all RF PA water flow interlocks
7. Inspect A5 PFN

#### BOOSTER RING SYSTEMS

1. Hi-Pot Main Dipoles
2. Inspect F3 PFN
3. Repair BPM's

#### LINAC SYSTEMS

1. Investigate and Repair arcing problem in Tank #8

#### SEB

1. Replace C3D4 Magnet
2. B1/B2 turn-on/checkout
3. Six month cycle Access Control Systems testing(B1, MPS, A2, C4, C6C8, D6)
4. Investigate CSEC calibration