

**RHIC SHUTDOWN SCHEDULE – Rev. 1**

R. Zaharatos – April 30, 2003

**SHUTDOWN PERIOD: THURSDAY, MAY 1, 2003, 0800 TO 1200HRS(MOST SYSTEMS READY FOR BEAM BY 1130HRS)**

**AGS – CONTROLLED ACCESS FOR POLARIMETER(ONLY IF AGS IS OFF NO LATER THEN 0700HRS)**

**BOOSTER - NO ACCESS**

**LINAC – NO ACCESS**

**RHIC TUNNEL REMOTE CONTROLLED ACCESS PERIOD - 0815 to 1100hrs – HP surveys required for beam dump and injection line.**

**RHIC IR's – PHENIX/+SECT. 7 AND PHOBOS/REMOTE CONTROLLED ACCESS**

**STAR, BRAHMS, AND PP2PP/RESTRICTED ACCESS**

**PRIMAY JOBS:**

JOBS STATUS CODE: **C** complete **IP** in-process **RS** reschedule  
**CAN** cancelled \* additions

**AGS RING**

- 1 CNI C15 Polarimeter work(1hr)

**AGS EXTERNAL**

- 1 Repair A/C unit in Fan Hse. D
- 2 Repair ground fault on E10 Hse. A/C unit

**RHIC TUNNEL**

- 1 P.S.'s – repairs(See List) – **MOST WILL BE DEFERRED UNTIL NEXT SHUTDOWN**
- 2 Ice Ball inspection
- 3 Reverse polarity of four Spin Rotator P.S.'s at Alcove 5C
- 4 Reverse polarity of four Spin Rotator P.S.'s at Alcove 7A
- 5 PHOBOS Magnet – replace lamps for magnet on indication(FES)

## **RHIC EXTERNAL**

- 1 Y Arc P.S. at 1000P – check water mat interlock string(requires shutting down sub-station which feeds only this p.s.). (Phillips)
- 2 Rebooting of Xterminal Host Server acnsun64. Will be done at 0820hrs and will effect the following users: STAR, BRAHMS, PHOBOS, OPPIS ATR and some individual users notified separately.

## **RHIC POWER SUPPLIES**

### **Ice Ball Checks and Repairs**

1. I-02Q20 – Replace thermostat, bypassed now.
2. O-07Q7 and O-07Q13, marginal, check.

### **Water Phase Transition Checks and Repairs**

Three Water Phase Transition Teams – Rich C, Tom and Joe. These should be checked below.

Do all checks first. If repair can be done by one person go ahead otherwise save repair for end with help from another person.

3. I-02Q20 – Replace thermostat, bypassed now.-Repair.
4. O-07Q7 and O-07Q13, marginal, check.

**Magnet Work** – Ed Weigand, enter RF with Water Phase Transition team  
Ceramic Feedthrough cleaning in sector 3 where ground fault was found.

### **Spin Rotator p.s. OFF problem and other work** – Gregg, Mitch, Rich K.

1. Alcove 5C yo5-rot3-2.3-ps control chassis to be replaced.
2. Swap DC cables on the rear of the rotator p.s.'s in alcoves 5C and 7A.
3. Label the rest of the circuit breakers.
4. Re-label DC cables of rotators in 5C, 7A, 7C, 9A

**Main Power Supplies**- Carl and Fred  
Connect new reference to 720Hz chassis.

### **Quench Detectors**

Restart after Carl is done with 720Hz chassis work.

### **Sextupole P.S.'s**

1. Bring up to 10A for 10min, re-train.
2. Run all up to 30A and look for trips.

**Check current regulator cards of bo3-qf6-ps and yo4-qf6-ps** –Don and Jim

Test input Module at 1000P-Don