Note:

Entry into Accelerator housing:
   a) All entry by Controlled Access
   b) Valid Job Hazard and Mitigation Analysis (JHAM) required
   c) Tunnel Hazards Training required
   d) Review of SPEAR Tunnel Area Hazard Analysis (AHA)
   e) Review of SPEAR Lock Down and Verification
   f) Review of planned work to identify if Lock and Tag required

Work Authorization:
   a) Prior authorization and completed Job JHAM and AHA processes are required to work on accelerator systems.
   b) For Non-SSRL Workers at SSRL - implement Interim Work Authorization Process

Planning for Safety on the Job:
   a) Apply Integrated Safety and Environmental Management System

Other:
   a) Gray entry doors to SPEAR housing to be kept closed - to preserve temperature stability of Accelerator

Accelerator Maintenance Day Tasks  5/15/2007

<table>
<thead>
<tr>
<th>Access Conditions:</th>
<th>Proj. Mngr</th>
<th>Shop</th>
<th>Task Person</th>
<th>Forms</th>
<th>(hr)</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ 1. SPEAR access: 6:30 to 14:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ 2. SPEAR - Power Supply Checks - 2 hrs after power restored</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ 3. OUTAGES:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ 4. RSWCF Open:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Beam Lines  BL Mirrors
□ 5. BL 6-2, 7-2 and 10-2 mirror work

Johnson  Exp.  Marks,
## Accelerator Maintenance Day Tasks

<table>
<thead>
<tr>
<th>Task Person</th>
<th>Forms</th>
<th>(hr)</th>
</tr>
</thead>
</table>

### Beam Lines
- **BL12**
  - 6. Install a thermistor near the BL12-2 M0 mirror and check the mirror shroud
  - **Harrington**
  - BLD
  - **1**

### INJ
- **Controls**
  - 7. BTS BPM cable checks in SPEAR
  - **Martin**
  - ESG
  - **Martin**
  - 8. Change cabling on Booster Timing/Sync chassis
  - **Martin**
  - S.
  - **Wallters**
  - 9. Install VME crate in B140-106

### INJ/SPEAR
- **Mechanical**
  - 10. Mechanical inspections
  - **Ernst**
  - MSG
  - **na**
  - **1**
- **Vacuum**
  - 11. Vacuum inspections
  - **Neal**
  - VAC
  - **na**
  - **1**

### SPEAR
- **Controls**
  - 12. SPEAR Instrumentation walkthrough
  - **Martin**
  - ESG
  - **Martin**
  - 13. Reboot B116-IOCMOTOR (the IOC that collects ID information) to test some software changes
  - **Rarback**
  - ADC
  - **na**
  - 14. Reboot all control system IOCs for a change to the time server
  - **Allison**
  - **na**

### SPEAR
- **Mechanical**
  - 15. BL7, BL8 Front end fixed masks - remove flow restrictor valves and replace with tubes
  - **Ernst**
  - MSG
  - **na**
  - **8**

### SPEAR
- **Power Supplies**
  - 16. 09S-QD-PS - collect data on MON, and if required replace on TUE
  - **Rafael**
  - ESG
  - **Rafael, et al**
  - 17. K2 - Remove load termination on TUE, and test following the Maintenance day, from 1400 to 1800.
  - **Ortiz**
  - **na**
  - 18. B-188 Temp Monitoring. Ray will install 5 TC
  - **na**
<table>
<thead>
<tr>
<th>Task</th>
<th>Person</th>
<th>Shop</th>
<th>Task Person</th>
<th>Forms</th>
<th>(hr)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power to monitor the temperature in building.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Friday, May 11, 2007