

Accelerator Controls

Hardware Group

Good Reliability For 2009

- Only 4 Operator Trouble Reports
- Each Problem Understood And Addressed
- About 21 Hours Of Total Down Time

VME Chassis Issues

- V115 Memory Errors In Alcoves. The Cause Of Most Resets
- 1 Incident Cost Over 6 Hours Down Time, Due To Lengthy Diagnosis
- However, Only 1 Power Supply Failure

Making Progress

- V115 MRAM Upgrade...Half Way There
- No Memory Errors For Upgraded V115s
- Chassis Power Supply Retrofit...From As Many As 10 Failures In Past Years To 1

Some Tasks Prior To Next Run

- Continue MRAM Upgrades in Alcoves
 - 50 To 75 Units
- Retrofit Alcove BPMs With Vicor Supplies
- Upgrade Fiber Equipment
- Replace Old Datacon Equipment
- Continue EBIS Installation And Testing
- Investigate Better Ways To Diagnose Problems

Saving Energy!

During The Summer Shutdown We Want To
Power Off As Many Chassis As Possible!

We Will Need Feedback From Those Who
Require That Certain Chassis Remain On

Input Wanted!

Any Helpful Ideas Or Suggestions From
Our Customers For Improving Our
Control System Would Be Appreciated