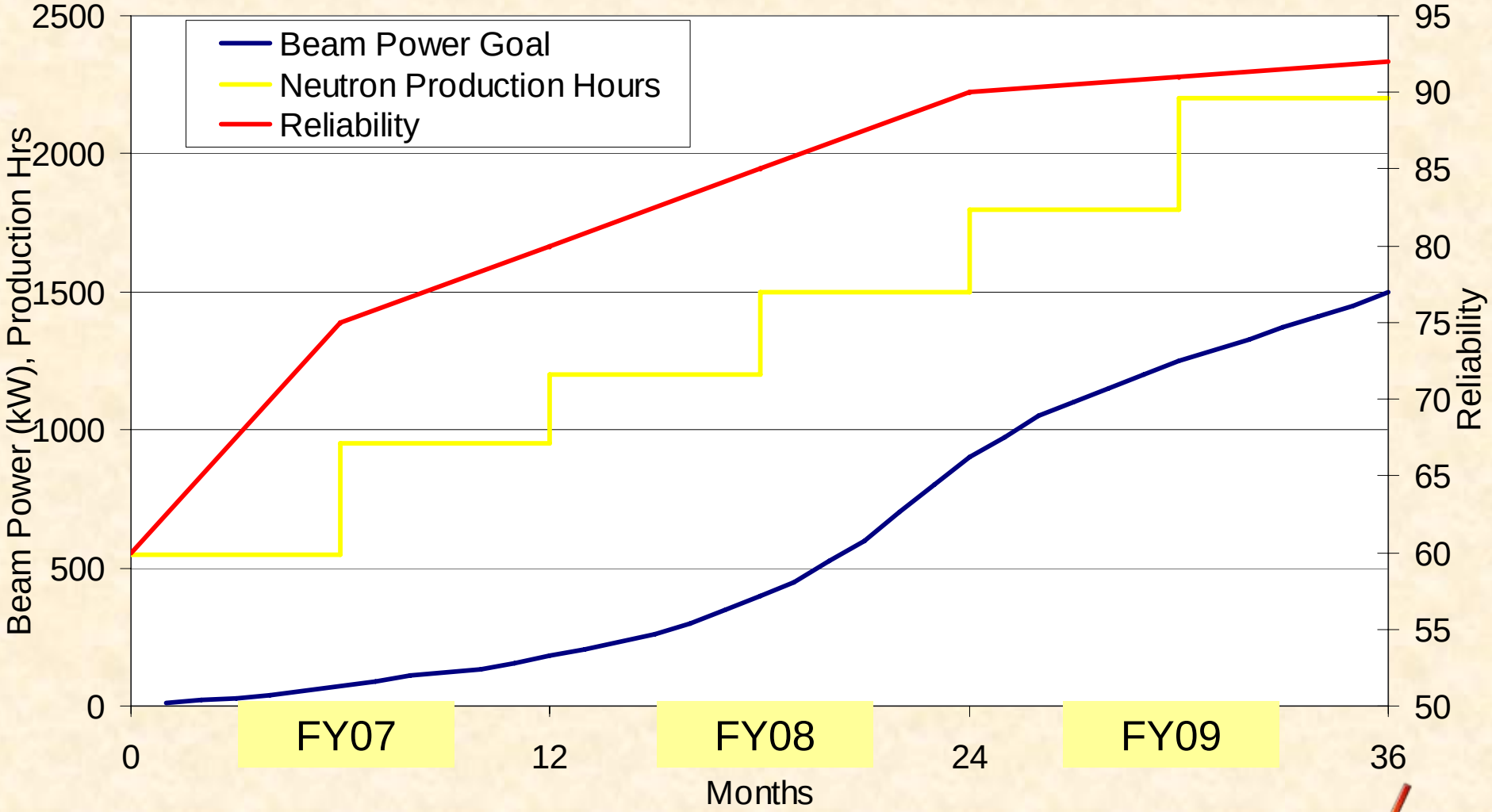
Division Meeting September 20, 2006

Stuart Henderson

September 20, 2006

Performance Goals: Power, Hours and Reliability

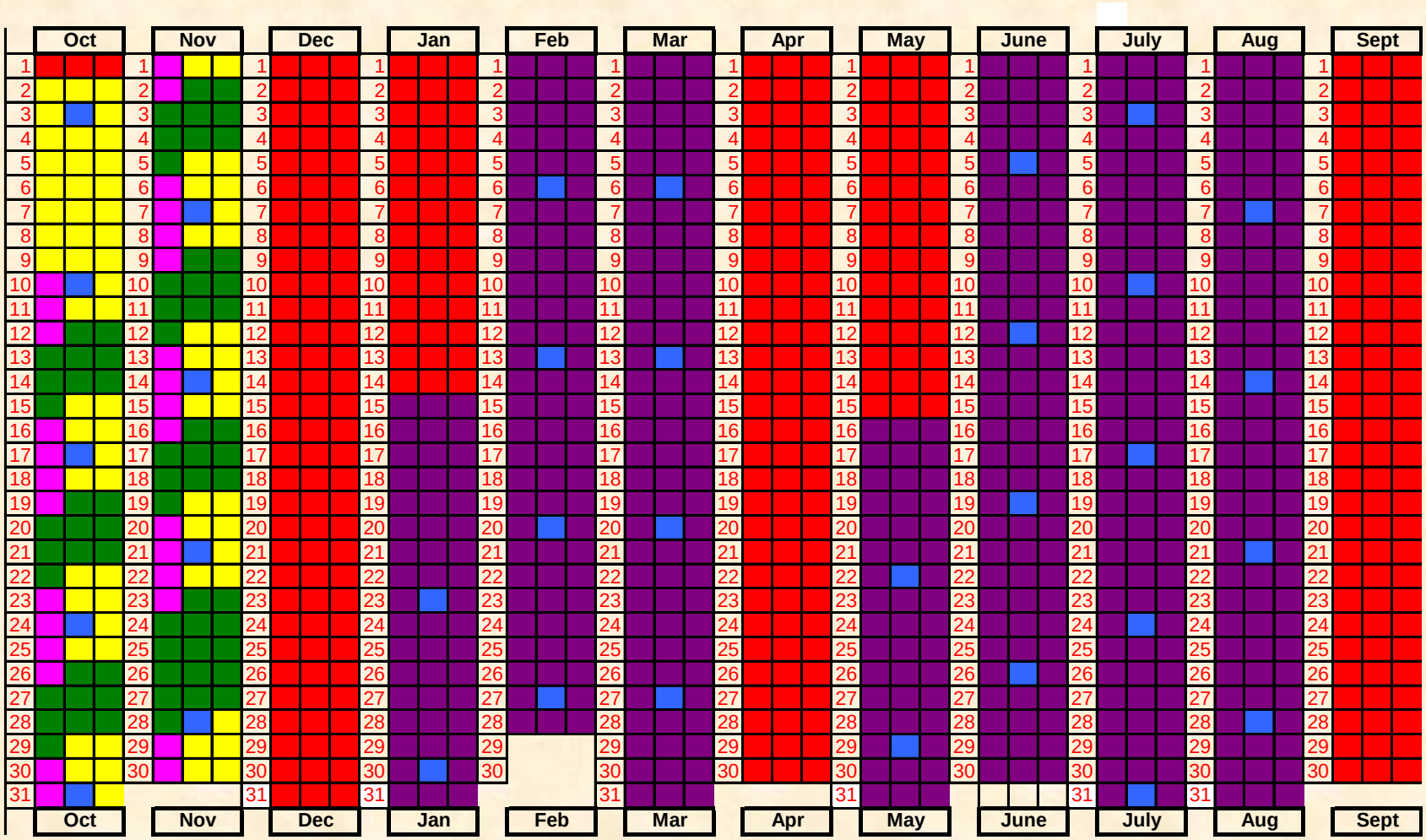


Performance Goals for FY07

- **Sustained 90 kW beam on target by April 2007**
- **High-Power Readiness Review in March for full power (1.5 MW) operation**
- **Sustained 180 kW beam on target achieved by September 2007**
- **Deliver 1500 hours of neutron production**
- **Operate the accelerator for a total of 3500 hours**
- **Integrate >146 MW-hrs of beam on target (average of ~100 kW)**
- **Reliability integrated over 2007 of >75% for neutron production**
- **All this while ensuring high standards of Safety for staff and contractors**

Operations Schedule

Run FY 2007



- Machine Downtime Major Periods(Maintenance/Upgrades)
- Machine Downtime Minor Periods(Weekly Maintenance)
- Neutron Production
- Accelerator Physics
- Accelerator Physics Option
- Neutron Production/Accelerator Physics to be determined

Goals for October/November Run

- **Reach 30 kW sustained beam power on target for 3 day neutron production run**
- **60 kW beam power on target for 4 hrs**
- **> 6 MW-hrs on target (ave 11 kW over scheduled production time)**