**Beamline Operational Approvals**

**Cycle 2012-1**

**January 31, 2012 through April 25, 2012**

**Systems**

**Front Ends (Vacuum)**

 **Try Leng Kruy**

Exceptions or Comments

**Beamline Utilities (Water to Critical Components) Gene Swetin**

Exceptions or Comments

**Personnel Safety System &**

**FE Equipment Protection System Nick Friedman**

Exceptions or Comments

**Insertion Devices**

 **John Grimmer**

Exceptions or Comments

**Site Operations**

 **Andy Stevens**

Exceptions or Comments

**Beamlines ready for APS enable {OK to initial if only needing ESAF} FC Initial**

**Beamlines ready for Type C Survey(s) FC Circle**

**Beamlines ready for FEV {and BIV if needed} to be opened FC Asterisk**

**1BM 1ID 2BM 2ID 3ID 4ID**

**5BM 5ID 6ID 7BM 7ID 8BM**

**8ID 9BM 9ID 10BM 10ID 11BM\_\_\_\_\_\_\_\_\_**

**11ID 12BM 12ID 13BM 13ID 14BM**

**14ID 15ID 16BM 16ID 17BM 17ID**

**18ID 19BM 19ID 20BM 20ID 21ID**

**22BM\_\_\_\_\_\_\_\_\_\_22ID**\_\_\_\_\_\_\_\_\_\_**23BM 23ID 24BM 24ID**

**26ID 29ID 30ID 31ID 32ID 33BM**

**33ID\_\_\_\_\_\_\_\_\_\_\_34ID 35BM 35ID**

**FC Final Approval Date**