

# **Shutdown Planning**

## **Process:**

### **Work Requests**

**Access approval  
Radiation Safety System (RSS) control  
Configuration Control Work Permit**

### **Coordination**

**Weekly meetings  
Multi-group coordination  
RSS integration**

### **Schedule**

**Available on-line**

**[http://www.aps4.anl.gov/rmanagers/sdeffort.p  
df](http://www.aps4.anl.gov/rmanagers/sdeffort.pdf)**

**(also accessible through the AOD logbook and  
schedules web page)**

# **Radiation Safety System**

## **Work Requests**

**Work on radiation safety systems continues to have major scrutiny**

**ALL** work on RSS devices require an approved work request and an approved Configuration Control Work Permit (CCWP).

**The CCWP has been used for beamline work. There will be CCWP's for front ends and the accelerator enclosure also.**

**BEWARE OF SCOPE CREEP**

## **Major Tasks for January Shutdown**

**Preventive maintenance is the major effort**

### **Obsolescence and Damage**

**Storage ring ion pump replacement**

**Power cable radiation damage**

### **Repair**

**Power coupler replacement in sector 37 RF cavities**

**Booster dipole power supply**

### **Upgrades and new installations:**

**Install a new 3.5 cm undulator in sector 4**

**Replace ID vacuum chamber in sector 14**

**Storage ring septum power supplies**

### **Validations**

**ACIS**

**PSS for numerous beamlines**

**RSS equipment return to service**







