DC System

- Neutron Monitoring
  - Source Range
  - Intermediate Range
  - Power Range
  - TIP System
- Reactor Protection
- Rod Worth Minimizer
- Hydrogen Recombiners
- Alternate Feedwater Injection

Procedures For Off-Normal Or Alarm Conditions.
Prepare all procedures for off-normal or alarm conditions that require operator action in the MCR and RSS. These correspond to the number of alarm annunciators. Each annunciator important to safety should have its own written procedure, which should normally contain (a) the meaning of the annunciator, (b) the source of the signal, (c) the immediate action that is to occur automatically, (d) the immediate operator action and (e) the long-range actions. If more than one annunciator applies to a given procedure, repetition of the procedure may not be required if the applicable annunciators are listed at the beginning of the procedure.

General Plant Operating Procedures.
As discussed in Section A5 of ANSI/ANS-3.2, procedures shall be prepared for the integrated operations of the plant. Typical general plant procedures are listed below:

- Cold Shutdown to Hot Standby
- Hot Standby to Minimum Load (nuclear startup)
- Recovery from Reactor Trip
- Operation at Hot Standby
- Turbine Startup and Synchronization of Generator
- Changing Load and Load Follow (if applicable)
- Power Operation and Process Monitoring
- Power Operation with Less than Full Reactor Coolant Flow