

## **6 Engineered Safety Features**

### **6.0 General**

The engineered safety features of this plant are those systems provided to mitigate the consequences of postulated serious accidents. The features can be divided into three general groups: (1) containment systems (2) emergency core cooling systems and (3) habitability systems. The systems in each general group are:

- (1) Containment Systems
  - (a) Primary Containment
  - (b) Containment Heat Removal
  - (c) Containment Isolation System
  - (d) Combustible Gas Control
  - (e) Secondary Containment
  - (f) Standby Gas Treatment System
- (2) Emergency Core Cooling System
  - (a) High Pressure Core Flooder (HPCF)
  - (b) Automatic Depressurization System (ADS)
  - (c) Low Pressure Flooder (LPFL) Mode of the RHR System
  - (d) Reactor Core Isolation Cooling (RCIC) System
- (3) Control Room Habitability Systems