

ExelonSM

Exelon Generation
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DATE: 08/18/01

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Exelon Generation, 300 Exelon Way, KSB 3-S, Kennett Square, PA 19348

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LIST OF PBMR ENGINEERING SYSTEMS

1. Active Cooling System (ACS)
2. Compressed Air System (ACS)
3. Core Conditioning System (CCS)
4. Control And Instrumentation System (CIS)
5. Decontamination and Waste Storage System (DWSS)
6. Direct Current Power System (dc)
7. Equipment Protection System (EPS)
8. Fuel Handling and Storage System (FHSS)
9. Fire Protection System (FPS)
10. Generator System (GenS)
11. Helium Inventory and Control System (HICS)
12. Helium Make up System (HMS)
13. Helium Purification System (HPS)
14. Metallic Core Support System (MCSS)
15. Main Power System (MPS)
16. Main Support Systems (MSS)
17. Neutron Instrumentation System (NIS)

18. Operational Control System (OCS)
19. Passive Cooling System (PCS)
20. Post Event Instrumentation (PEI)
21. Primary Loop Initial Clean-up System (PLICS)
22. Potable Water System (PWS)
23. Reactor Cavity Cooling System (RCCS)
24. Reactivity Control System (RCS)
25. Reactivity Control and Shutdown System (RCSS)
26. Reactor Protection System (RPS)
27. Reactor Pressure Vessel Conditioning System (RPVCS)
28. Reserve Shutdown System (RSS)
29. Spent Fuel Cooling System (SFCS)
30. Startup Blower System (SBS)
31. Ventilation and Heating System (VHS)
32. Water Make-up Purification System (WMPS)

NOTE: This is a Preliminary List.

The Safety Analysis Report is currently being revised and reformatted. Some of the Systems are being combined in the design.

A revised list should be available in about 8 weeks.