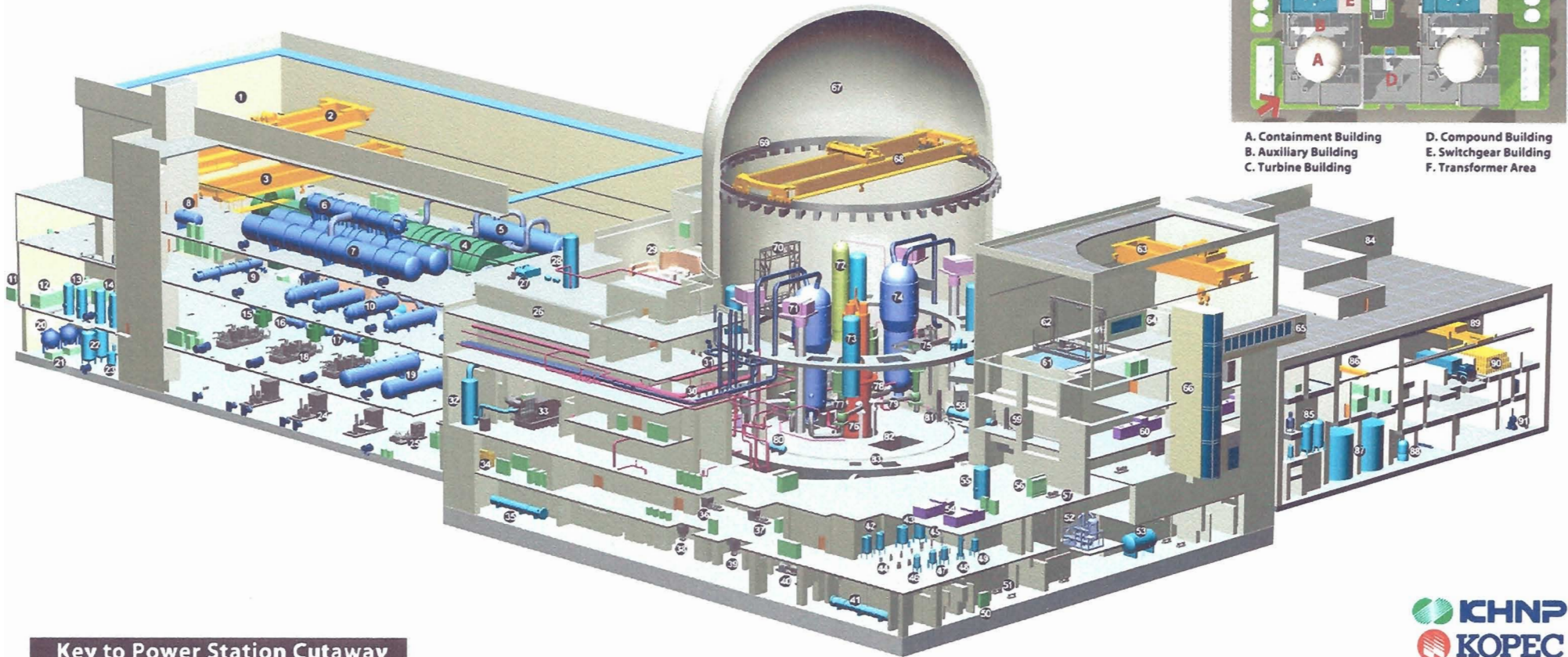


Advanced Power Reactor 1400



Site Plan Key



A. Containment Building
B. Auxiliary Building
C. Turbine Building
D. Compound Building
E. Switchgear Building
F. Transformer Area

Key to Power Station Cutaway

- | | | | | | |
|-----------------------------------|---------------------------------------|--|--|-------------------------------------|--|
| 1. Turbine Building | 17. Stage Reheater Drain Tank | 33. Diesel Generator | 49. Deborating Ion Exchanger | 64. Viewing Area | 80. RCP Lube Oil Collector Tank |
| 2. Main Overhead Crane | 18. Feedwater Pumps Turbine "A""B""C" | 34. 480V PNS Loadcenter | 50. Process Radiation Monitor | 65. Walkway | 81. Fuel Transfer System Upender |
| 3. Aux. Overhead Crane | 19. HP Feedwater Heaters | 35. CS Heat Exchanger | 51. Holdup Pump | 66. Observation Elevator | 82. Holdup Volume Tank |
| 4. TBN & Generator | 20. Cond. Polishing Mixed Bed Vessels | 36. Turbine Driven Aux. Feedwater Pump | 52. Boric Acid Conc. | 67. Containment Building | 83. IRWST Covered Hatch |
| 5. Moisture Separator Reheater | 21. Cond. Polishing Resin Traps | 37. Motor Driven Aux. Feedwater Pumps | 53. Equip. Drain Tank | 68. Polar Crane | 84. Compound Building |
| 6. Deaerator | 22. Cation Regen. & Hold Tanks | 38. CS Pump | 54. Aux. Bldg. Controlled Area Exhaust ACU | 69. Crane Rail | 85. Charcoal Delay Beds |
| 7. Deaerator Storage Tank | 23. Ammonia Day Tank | 39. SC Pump | 55. Volume Control Tank | 70. CEA Change Platform | 86. Suspension Crane |
| 8. TBCCW Surge Tank | 24. Feedwater Booster Pumps | 40. SI Pump | 56. SFP Cooling Exchanger | 71. RCFC Duct | 87. Spent Resin Long Term Storage Tank |
| 9. LP Feedwater Heaters | 25. Start-up FW Pump | 41. SC Heat Exchanger | 57. SFP Cooling Pump | 72. Pressurizer | 88. Low Activity Spent Resin Tank |
| 10. HP Feedwater Heaters | 26. Auxiliary Building | 42. Spent Fuel Pool Clean-up Demin | 58. Fuel Transfer Tube | 73. Safety Injection Tank | 89. Traveling Bridge Crane |
| 11. Closed Loop Cooling System | 27. D/G Room Emergency Exhaust Fan | 43. SG Blowdown Mixed Bed Demin | 59. Fuel Transfer Carriage & Upender in Fuel Handling Area | 74. Steam Generator | 90. Waste Drum Storage Area |
| 12. Air Compressor | 28. CCW Surge Tank | 44. Reactor Drain Filter | 60. Fuel Handling Area Emer Exhaust ACU | 75. Refueling Machine | 91. Solid Waste Compactor |
| 13. Air Receivers | 29. Main Control Room | 45. SGBD Filter | 61. Spent Fuel Pool | 76. Reactor Vessel | |
| 14. Service Air Receivers | 30. Main Steam Line | 46. Pre-Holdup Ion Exchanger | 62. Spent Fuel Handling Machine | 77. Reactor Coolant Pump | |
| 15. Feedwater Pumps | 31. Main Steam Safety Valve | 47. Purification Ion Exchanger | 63. Fuel Handling Area Overhead Crane | 78. Reactor Coolant Piping Hot Leg | |
| 16. Moisture Separator Drain Tank | 32. Exhaust Silencer | 48. Boric Acid Cond Ion Exchanger | | 79. Reactor Coolant Piping Cold Leg | |

APR1400 계통도

