



EPR Nuclear Plant Cutaway

- 1 Reactor building, inner and outer shell
- 2 Polar crane
- 3 Containment heat removal spray sprinklers
- 4 Equipment hatch
- 5 Refueling machine
- 6 Steam generator
- 7 Main steam lines
- 8 Main feedwater lines
- 9 Control rod drives
- 10 Reactor pressure vessel
- 11 Reactor coolant pump
- 12 Reactor coolant piping

- 13 CVCS heat exchanger
- 14 Corium spreading area
- 15 In-containment refueling water storage tank
- 16 Residual heat removal system, heat exchanger
- 17 Safety injection accumulator tank
- 18 Pressurizer
- 19 Main steam isolation valves
- 20 Feedwater isolation valves
- 21 Main steam safety and relief valve exhaust silencer
- 22 Safeguard building, division 2
- 23 Main control room

- 24 Computer room
- 25 Emergency feedwater storage pool, division 2
- 26 Safeguard building, division 3
- 27 Emergency feedwater pump, division 3
- 28 Medium head safety injection pump, division 3
- 29 Safeguard building, division 4
- 30 Switchgear, division 4
- 31 I & C cabinets
- 32 Battery rooms, division 4
- 33 Emergency feedwater storage pool, division 4

- 34 CCWS heat exchanger, division 4
- 35 Low head safety injection pump, division 4
- 36 Component cooling water heat exchanger, division 4
- 37 Containment heat removal system pump, division 4
- 38 Containment heat removal system heat exchanger, division 4
- 39 Fuel building
- 40 Fuel building crane
- 41 Spent fuel pool bridge
- 42 Spent fuel pool and fuel transfer pool
- 43 Fuel transfer tube

- 44 Spent fuel pool cooler
- 45 Spent fuel pool cooling pump
- 46 Nuclear auxiliary building
- 47 CVCS pump
- 48 Boric acid tank
- 49 Delay bed
- 50 Coolant storage tank
- 51 Vent stack