

Figure 1-1 Schematic of CANDU Reactor System

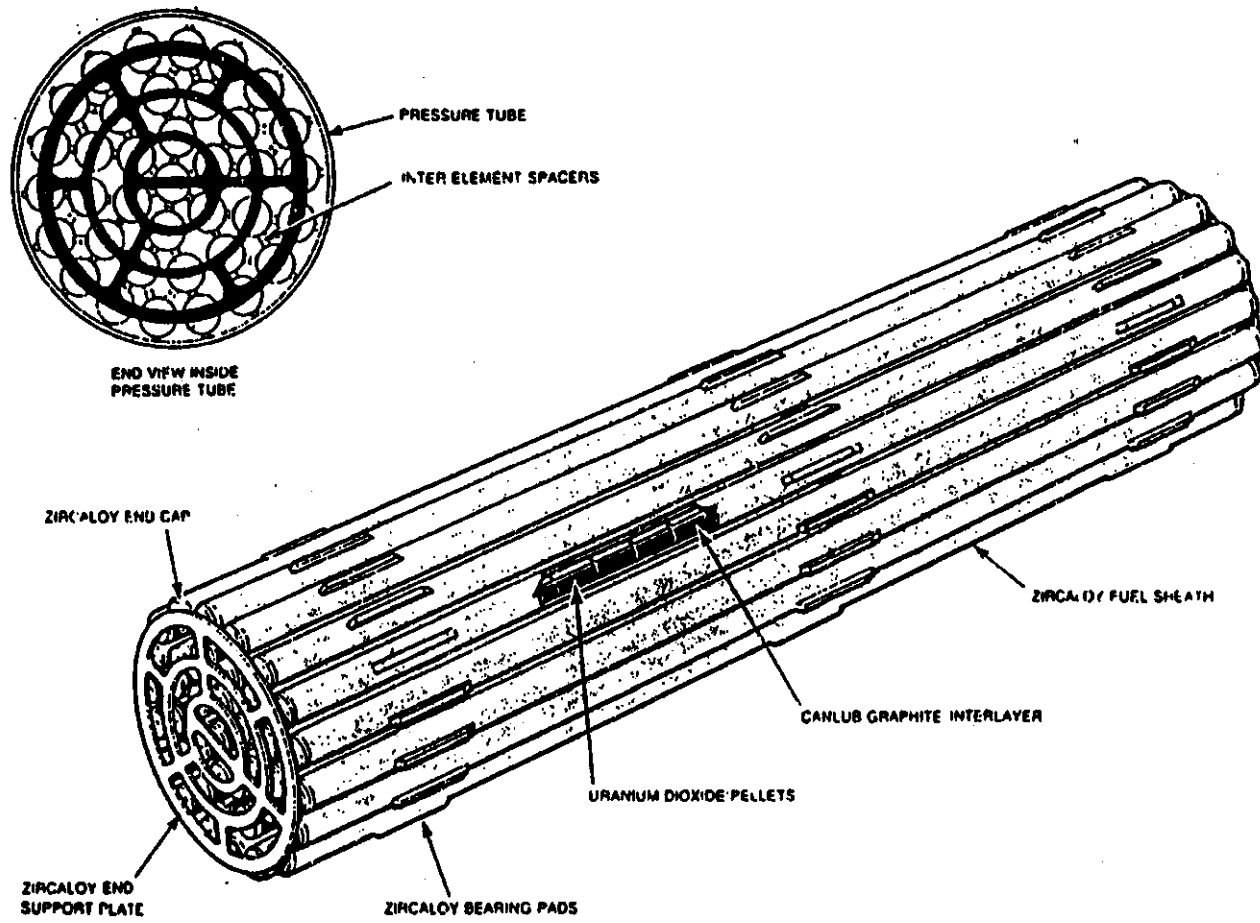


Figure 1-2 CANDU Fuel Bundle

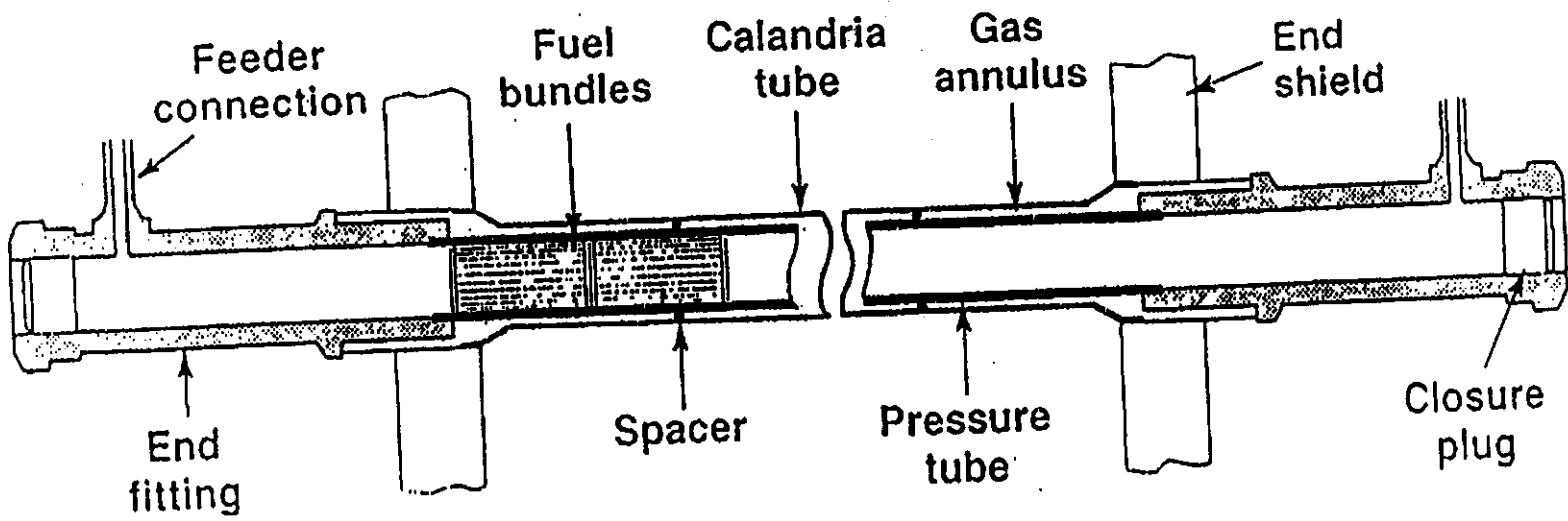


Figure 1-3 Schematic of a CANDU Fuel Channel

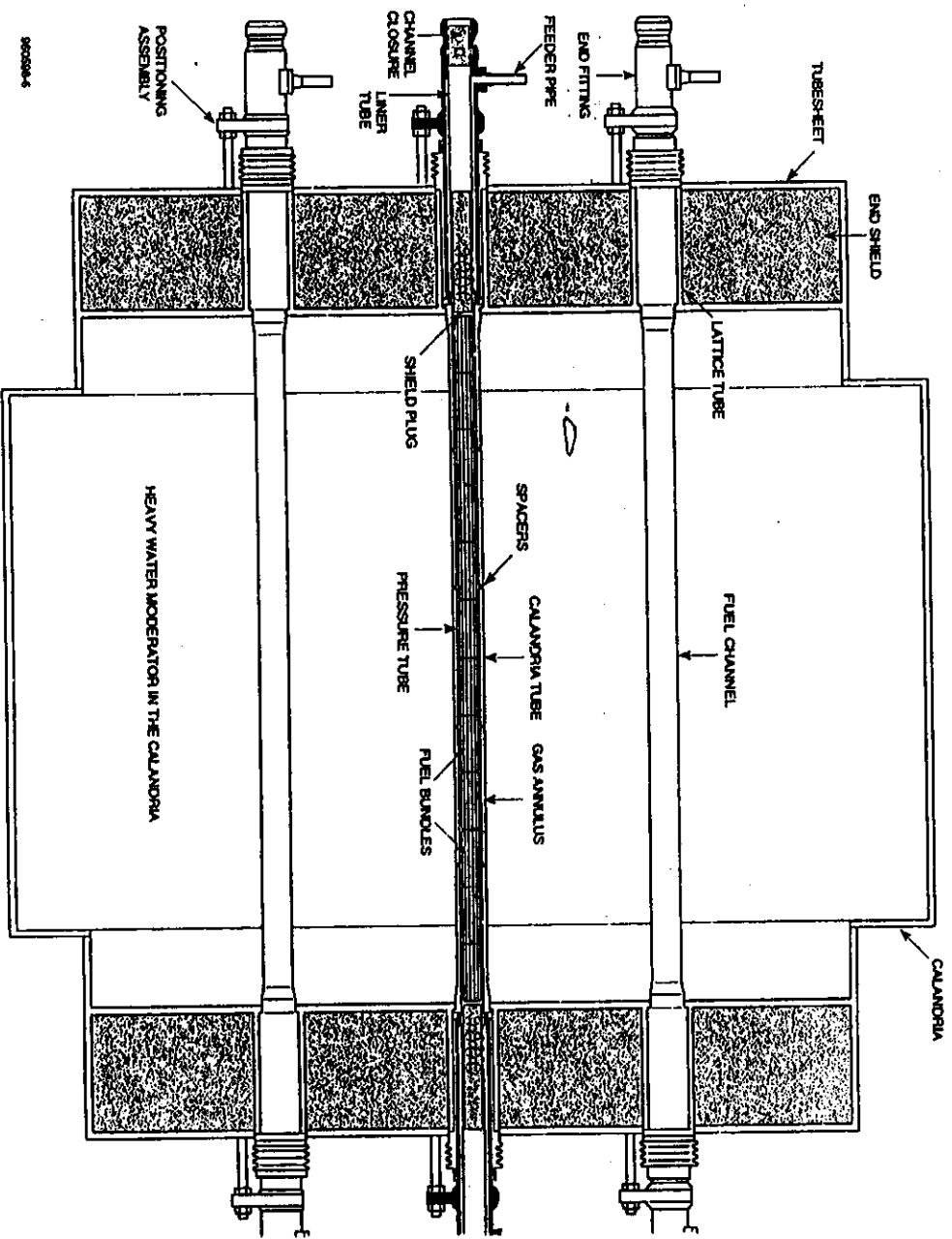
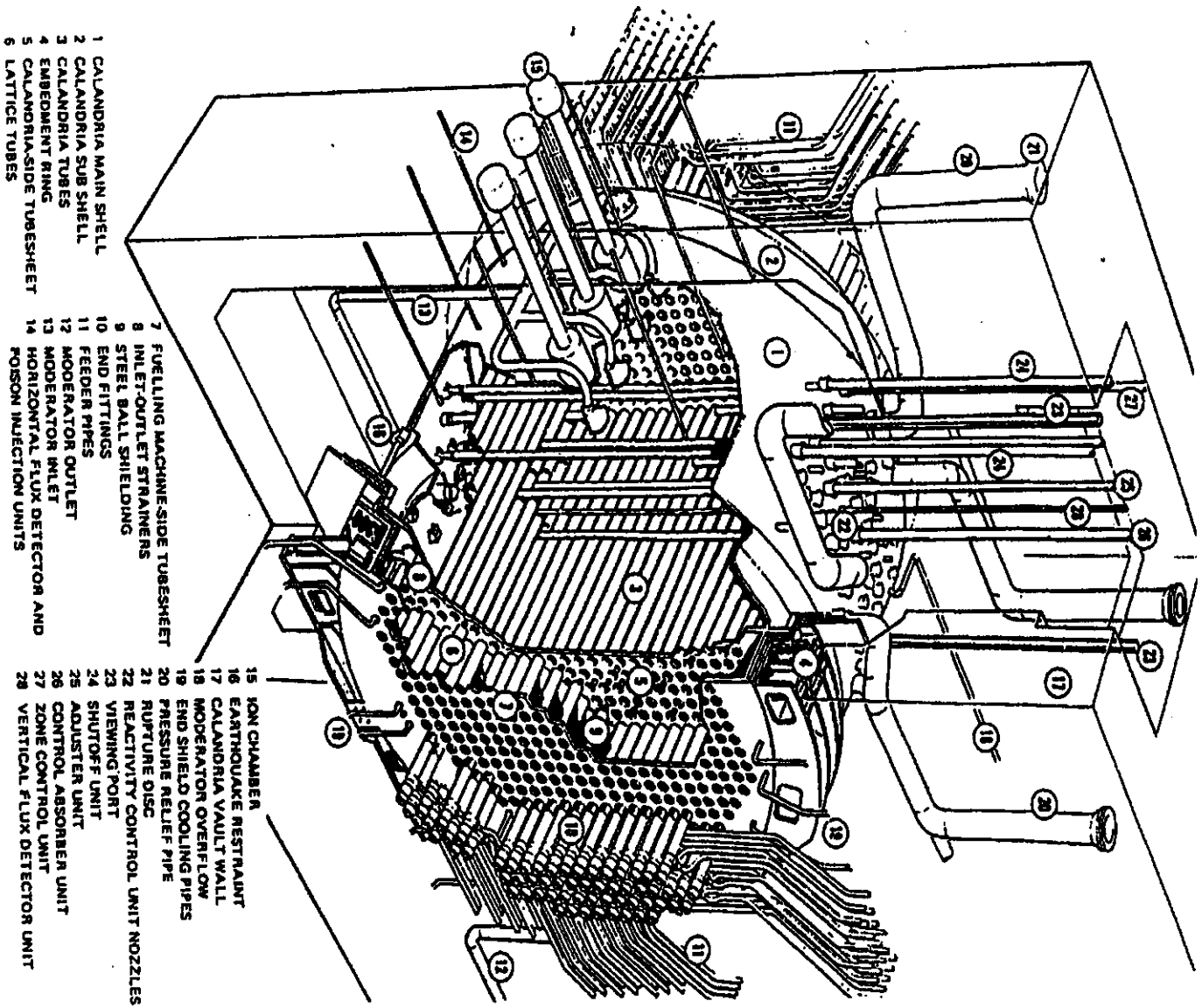


Figure 1-4 Schematic of CANDU Calandria Assembly



- 1 CALANDRIA MAIN SHELL
- 2 CALANDRIA SUB SHELL
- 3 CALANDRIA TUBES
- 4 EMBEDMENT RING
- 5 CALANDRIA-SIDE TUBESHEET
- 6 LATTICE TUBES

- 7 FUELLING MACHINE-SIDE TUBESHEET
- 8 INLET-OUTLET STRAINERS
- 9 STEEL BALL SHIELDING
- 10 END FITTINGS
- 11 FEEDER PIPES
- 12 MODERATOR OUTLET
- 13 MODERATOR INLET
- 14 HORIZONTAL FLUX DETECTOR AND POISON INJECTION UNITS

- 15 ION CHAMBER
- 16 EARTHQUAKE RESTRAINT
- 17 CALANDRIA VAULT WALL
- 18 MODERATOR OVERFLOW
- 19 END SHIELD COOLING PIPES
- 20 PRESSURE RELIEF PIPE
- 21 RUPTURE DISC
- 22 REACTIVITY CONTROL UNIT NOZZLES
- 23 VIEWING PORT
- 24 SHUT-OFF UNIT
- 25 ADJUSTER UNIT
- 26 CONTROL ABSORBER UNIT
- 27 ZONE CONTROL UNIT
- 28 VERTICAL FLUX DETECTOR UNIT

Figure 1-5 CANDU 6 Reactor and Vault Assembly

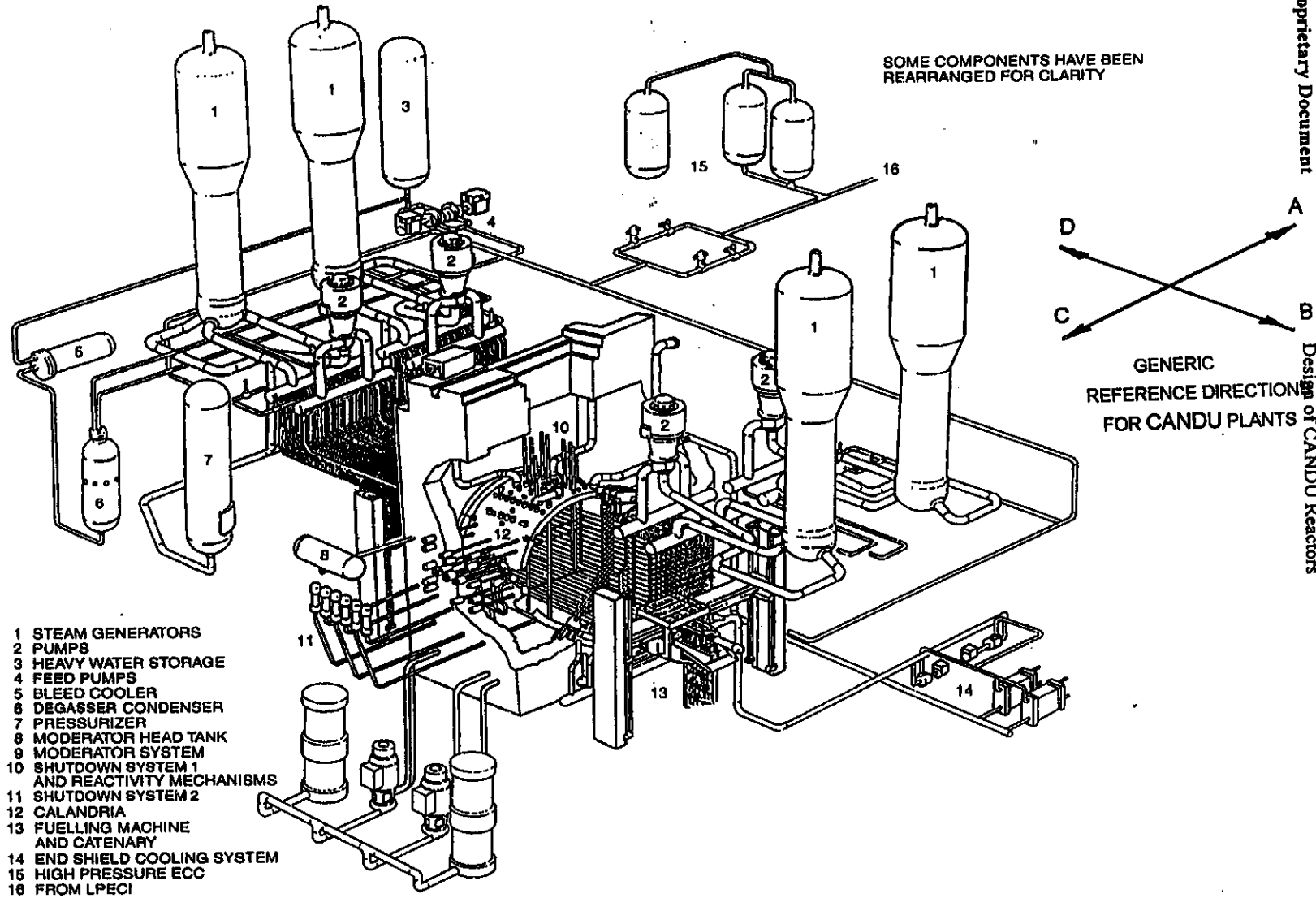


Figure 1-6 Cutaway View of CANDU NSSS

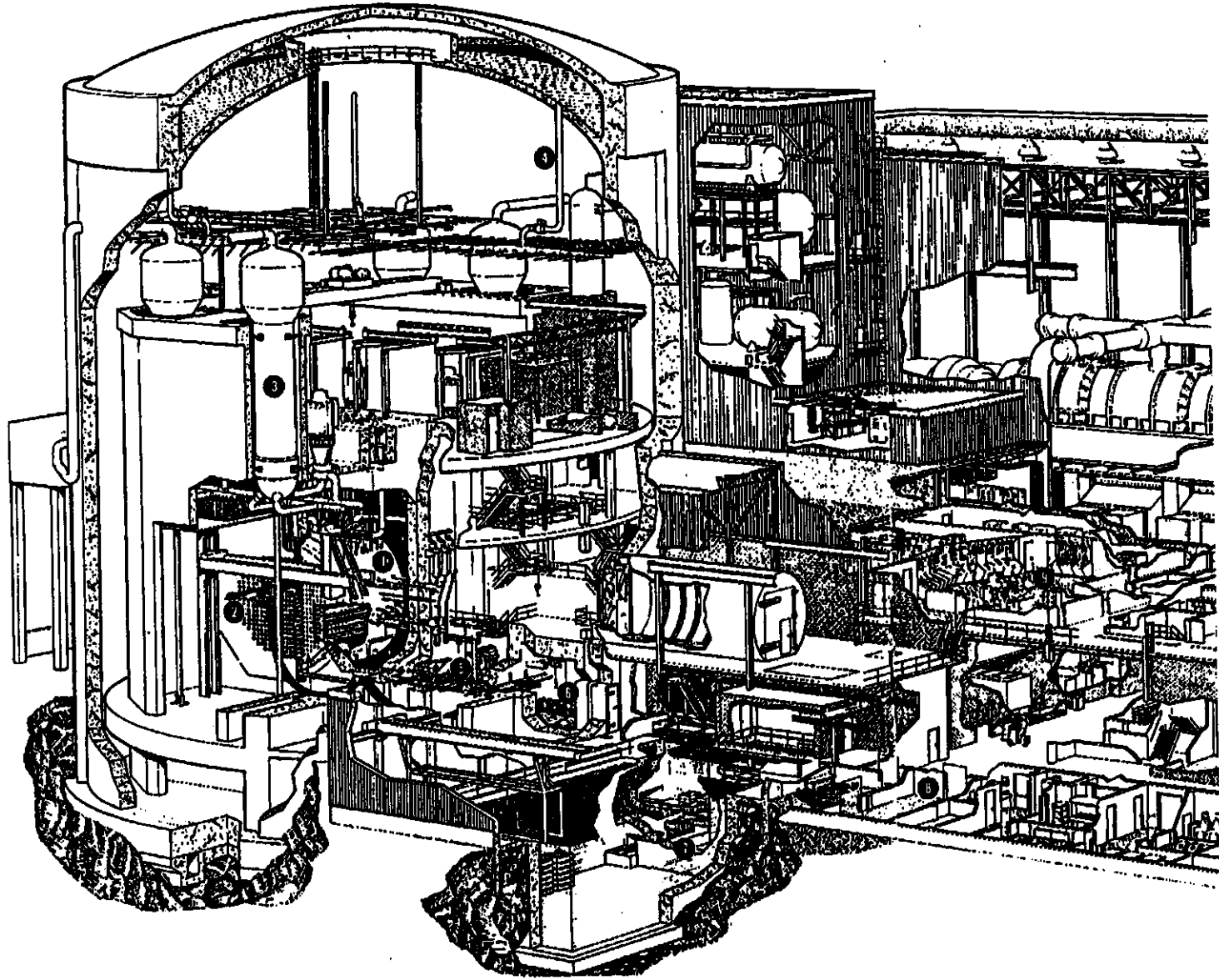


Figure 1-7 Cutaway View of CANDU Reactor Building