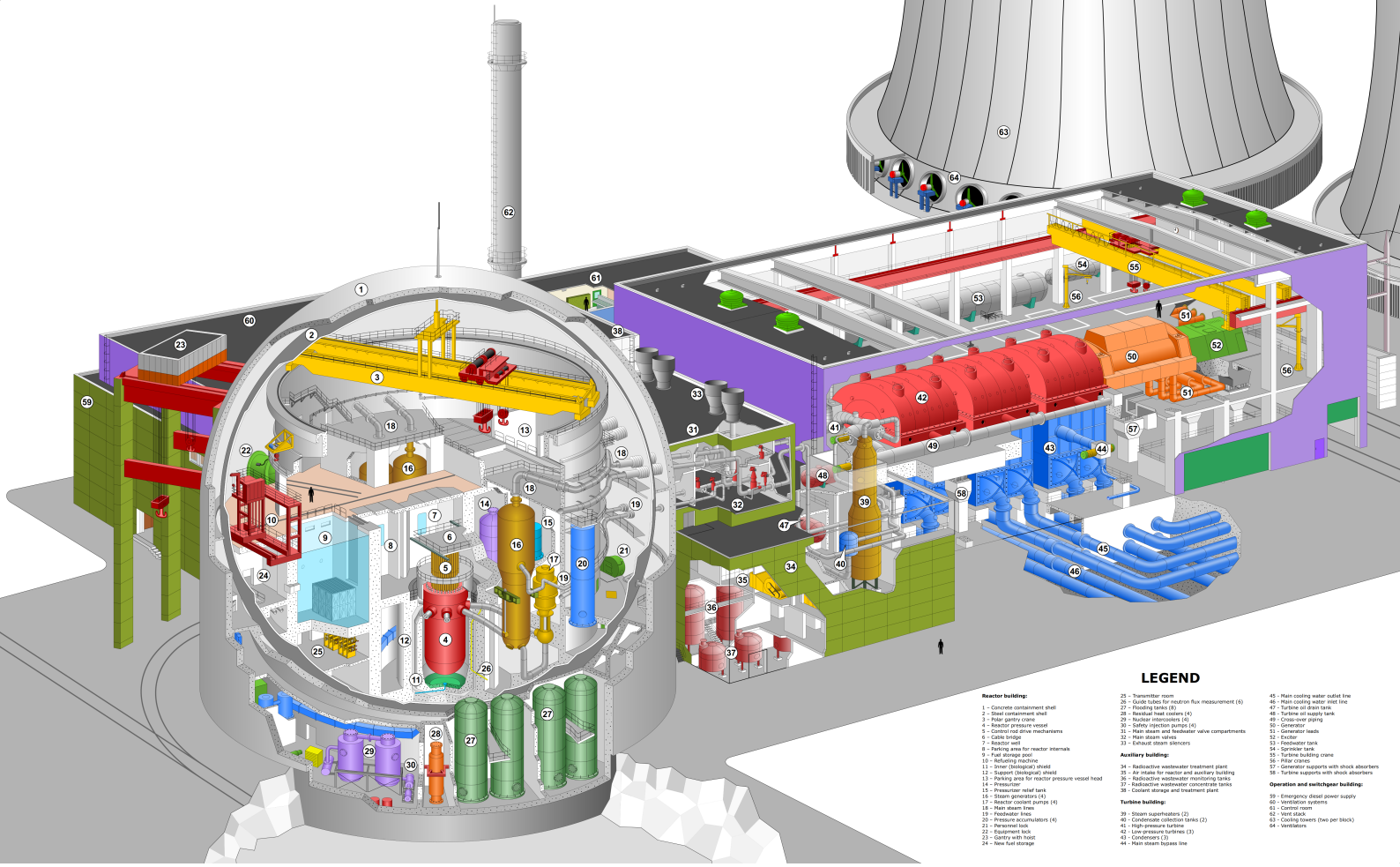

LEGEND

Reactor building:

1 – Concrete containment shell
2 – Steel containment shell
3 – Polar gantry crane
4 – Reactor pressure vessel
5 – Control rod drive mechanisms
6 – Cable bridge
7 – Reactor well
8 – Parking area for reactor internals
9 – Fuel storage pool
10 – Refueling machine
11 – Inner (biological) shield
12 – Support (biological) shield
13 – Parking area for reactor pressure vessel head
14 – Pressurizer
15 – Pressurizer relief tank
16 – Steam generators (4)
17 – Reactor coolant pumps (4)
18 – Main steam lines
19 – Feedwater lines
20 – Pressure accumulators (4)
21 – Personnel lock
22 – Equipment lock
23 – Gantry with hoist
24 – New fuel storage
25 – Transmitter room
26 – Guide tubes for neutron flux measurement (6)
27 – Flooding tanks (8)
28 – Residual heat coolers (4)
29 – Nuclear intercoolers (4)
30 – Safety injection pumps (4)
31 – Main steam and feedwater valve compartments
32 – Main steam valves
33 – Exhaust steam silencers

Auxiliary building:

34 – Radioactive wastewater treatment plant
35 – Air intake for reactor and auxiliary building
36 – Radioactive wastewater monitoring tanks
37 – Radioactive wastewater concentrate tanks
38 – Coolant storage and treatment plant

Turbine building:

39 – Steam superheaters (2)
40 – Condensate collection tanks (2)
41 – High-pressure turbine
42 – Low-pressure turbines (3)
43 – Condensers (3)
44 – Main steam bypass line
45 – Main cooling water outlet line
46 – Main cooling water inlet line
47 – Turbine oil drain tank
48 – Turbine oil supply tank
49 – Cross-over piping
50 – Generator
51 – Generator leads
52 – Exciter
53 – Feedwater tank
54 – Sprinkler tank
55 – Turbine building crane
56 – Pillar cranes
57 – Generator supports with shock absorbers
58 – Turbine supports with shock absorbers

Operation and switchgear building:

59 – Emergency diesel power supply
60 – Ventilation systems
61 – Control room
62 – Vent stack
63 – Cooling towers (two per block)
64 – Ventilators