

CROSS SECTION OF THE MAIN BUILDING AT SMOLENSK

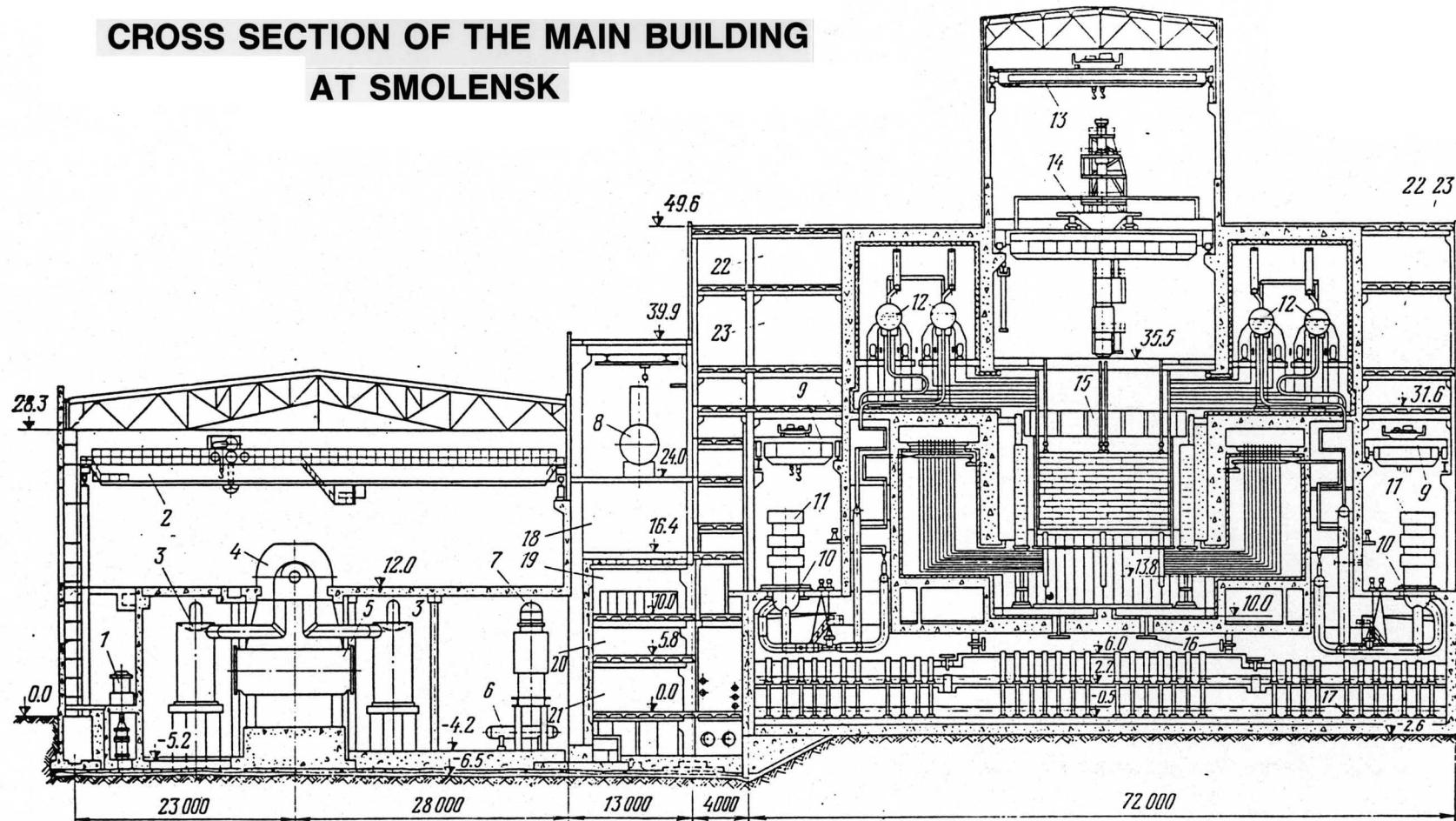


Fig. 3-13. Cross-sectional view of the main building at Smolensk

1—first-stage condensate pump; 2—125/20-t overhead travelling crane; 3—separator-steam superheater; 4—K-500-65/3000 steam turbine; 5—condenser; 6—additional cooler; 7—low-pressure heater; 8—deaerator; 9—50/10-t overhead travelling crane; 10—main circulating pump; 11—electric motor of main circulating pump; 12—drum separator; 13—50/10-t remotely controlled overhead travelling crane; 14—refueling mechanism; 15—RBMK-1000 reactor; 16—accident containment valves; 17—bubbler pond; 18—pipe aisle; 19—modular control board; 20—location beneath control board room; 21—house switchgear locations; 22—exhaust ventilation plant locations; 23—plenum ventilation plant locations