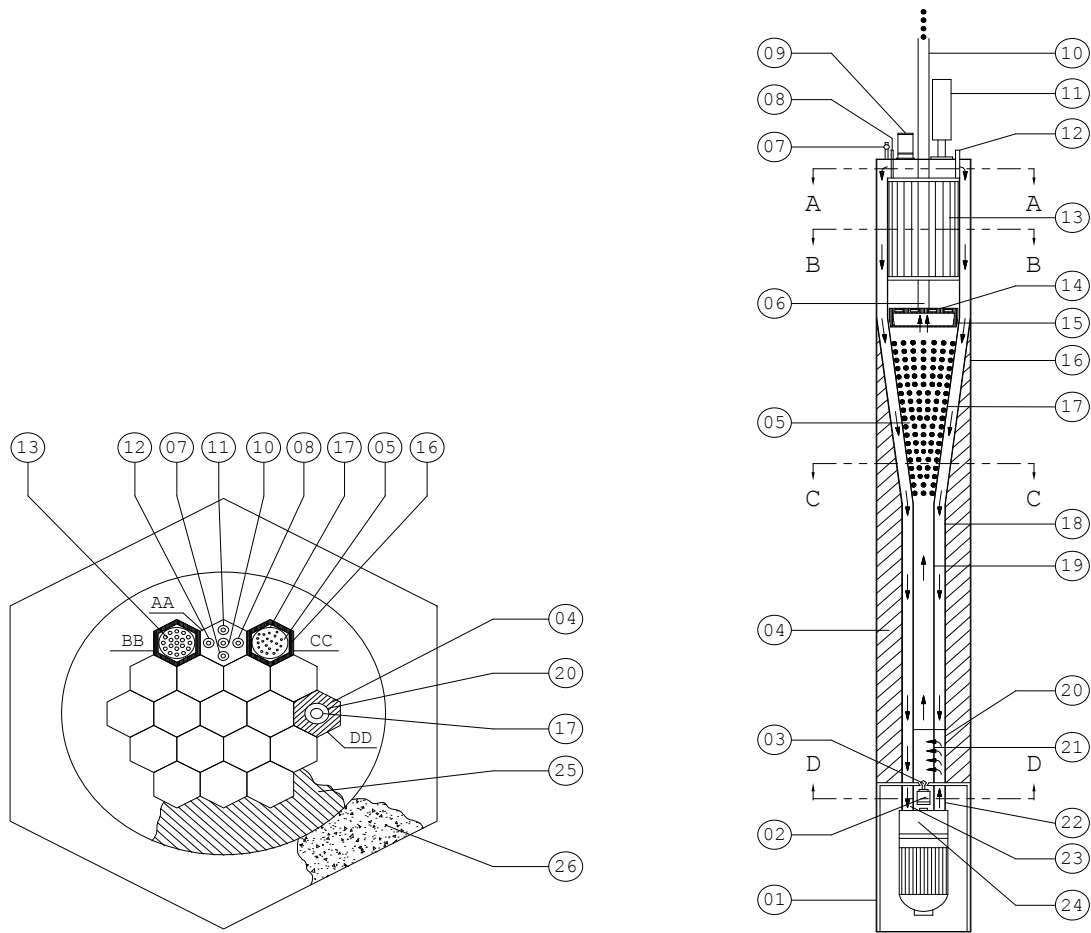
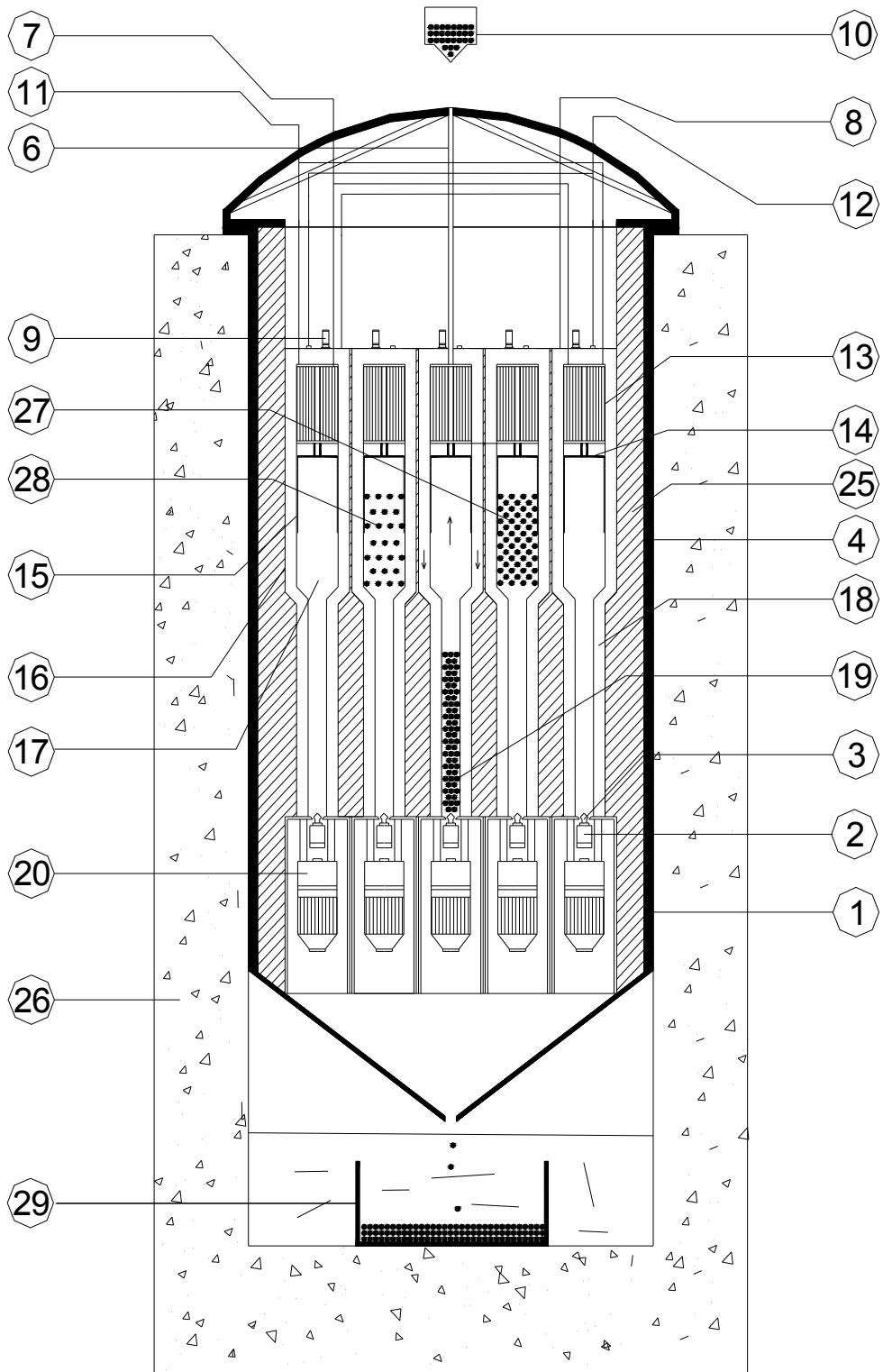


Schematic Design of the Reactor



Schematic diagram of the fixed bed nuclear reactor: (1) structural support; (2) hydraulic valve opener; (3) fuel discharge valve; (4) graphite jacket; (5) reactor core; (6) level limiter shaft; (7) depressurizer; (8) steam exit; (9) level limiter drive; (10) fuel feed; (11) pressurizer; (12) water entrance; (13) steam generator; (14) level limiter; (15) absorber shell; (16) hexagonal channel; (17) fluidization tube; (18) circular channel; (19) fuel chamber; (20) distributor (21) entrance perforations; (22) coolant entrance; (23) coolant exit; (24) primary pump; (25) reflector; (26) biological shield, (27).fixed bed core, (28) fluidized bed core, (29) spent fuel pool.



[<<< Back to Fixed and Fluidized Bed Nuclear Reactor](#)