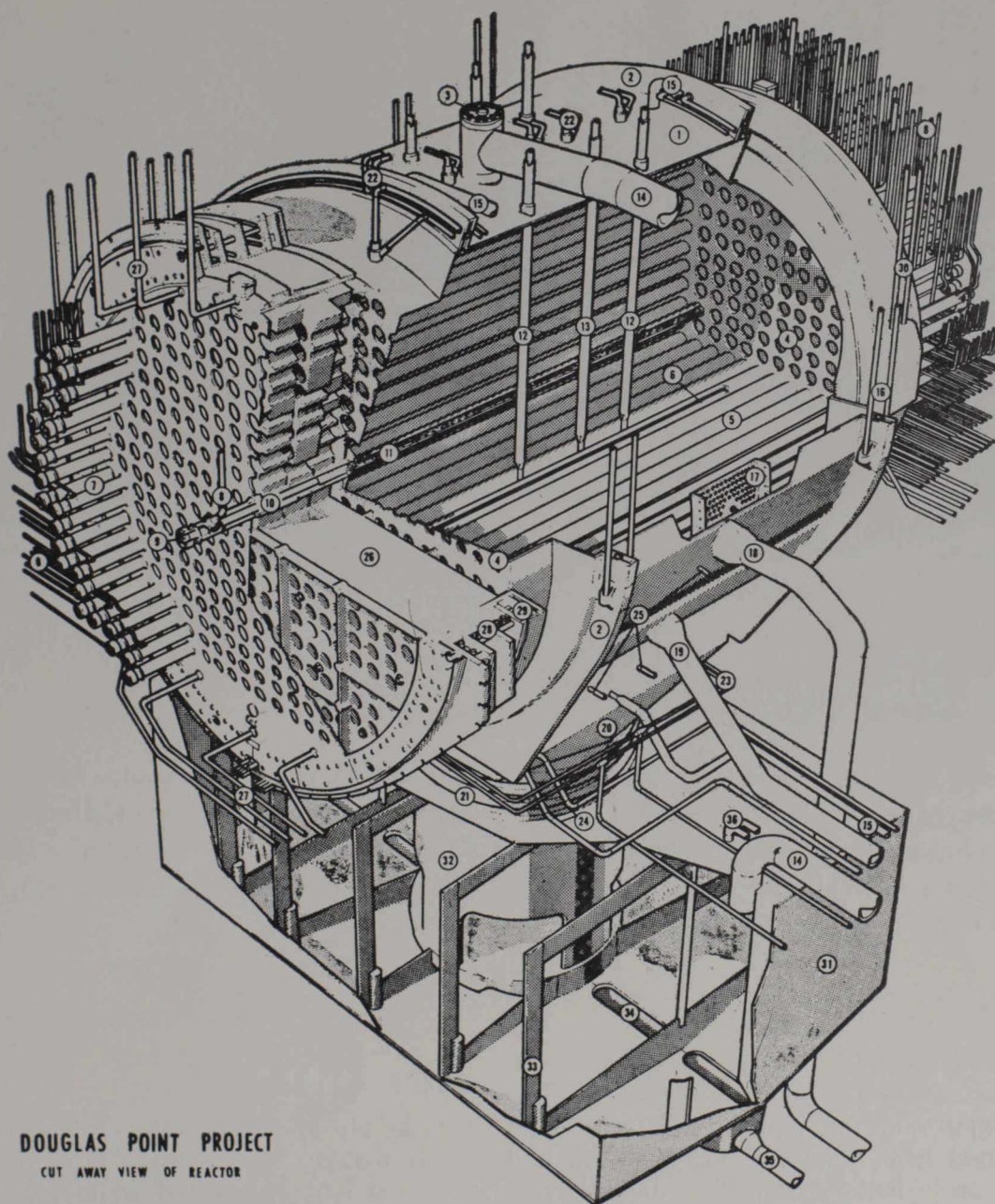




DOUGLAS POINT PROJECT

CUT AWAY VIEW OF REACTOR

- | | | | |
|--------------------|-----------------------|-----------------------------|--|
| 1 CALANDRIA SHELL | 11 FUEL | 21 EXPANSION JOINT | 30 END SHIELD HANGERS |
| 2 STIFFENER RING | 12 BOOSTER RODS | 22 CALANDRIA SPRAY COOLING | 31 DUMP TANK |
| 3 INSPECTION HATCH | 13 ABSORBER RODS | 23 DUMP BOX SPRAY COOLING | 32 SHIELDING & STIFFENER STRUCTURE |
| 4 TUBE SHEET | 14 HELIUM LINE | 24 TRANSITION SECTION | 33 STIFFENERS |
| 5 CALANDRIA TUBES | 15 HELIUM PURGE LINE | 25 LEVEL INDICATING INLETS | 34 DRAIN SLOTS |
| 6 COOLANT TUBES | 16 CALANDRIA HANGERS | 26 END SHIELD | 35 DUMP TANK OUTLET |
| 7 END FITTINGS | 17 MODERATOR MANIFOLD | 27 END SHIELD COOLING PIPES | 36 DUMP TANK & EXPANSION JOINT SPRAY COOLING |
| 8 FEEDER PIPES | 18 MODERATOR OUTLET | 28 END SHIELD RING | |
| 9 SEALING PLUG | 19 MODERATOR INLET | 29 THERMAL SHIELD BLOCK | |
| 10 SHIELDING PLUG | 20 TRANSITION SECTION | | |

A cutaway view of the Douglas Point reactor core.