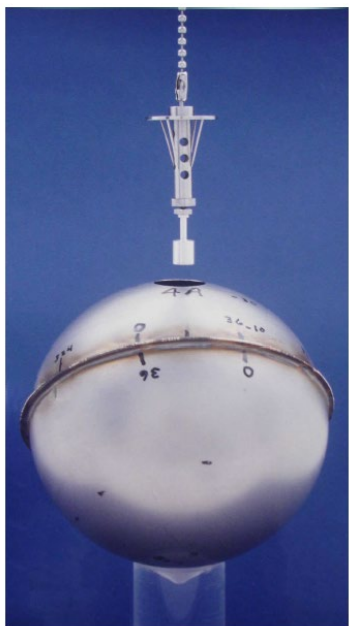


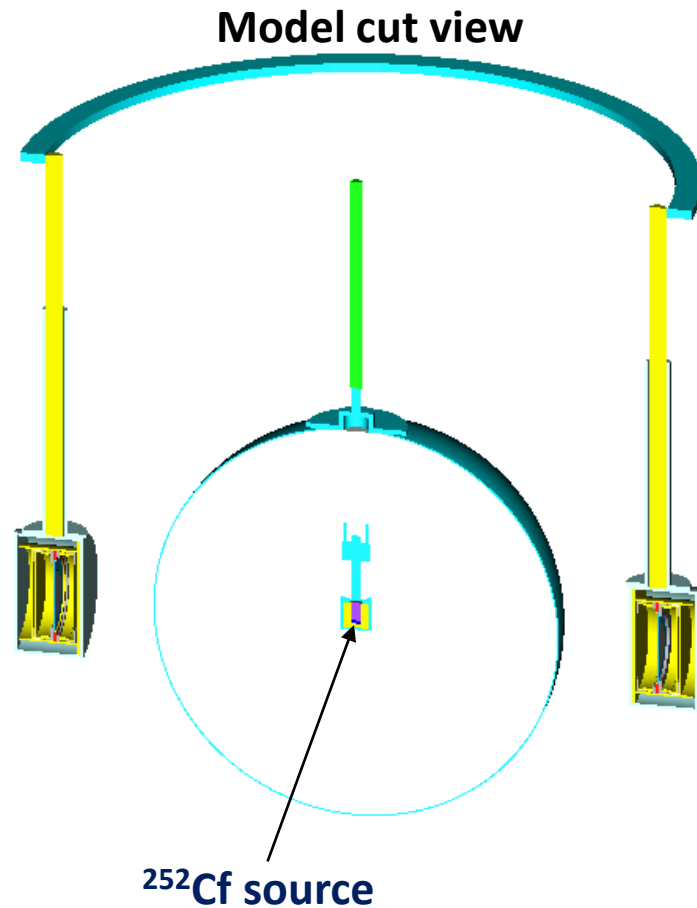
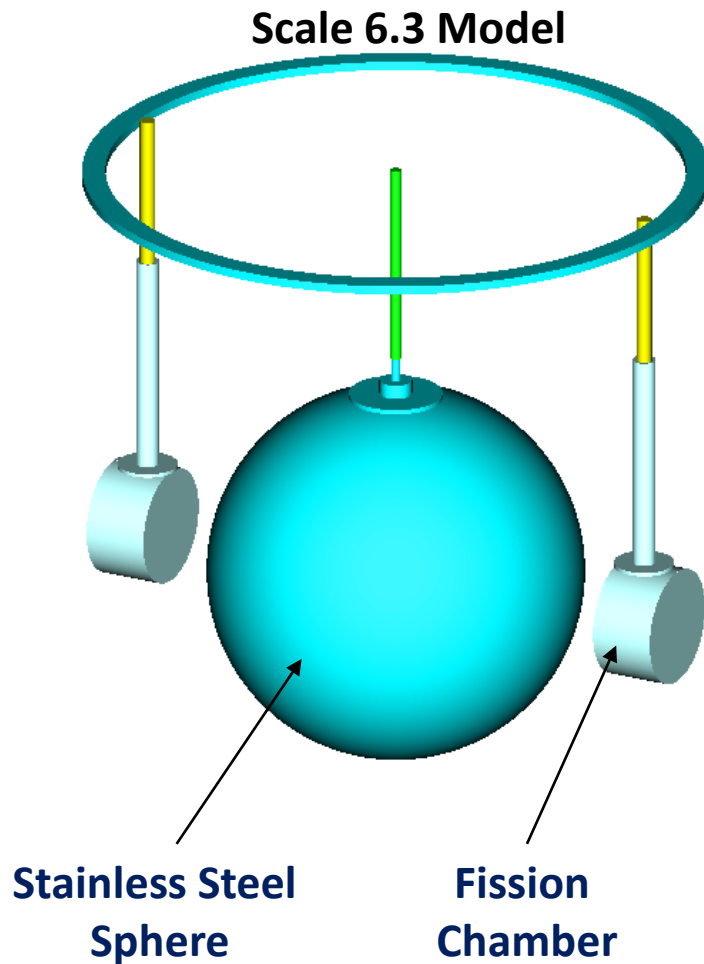
NIST Sphere Experiments for ^{235}U , ^{239}Pu , ^{238}U , ^{237}Np Fission Rates



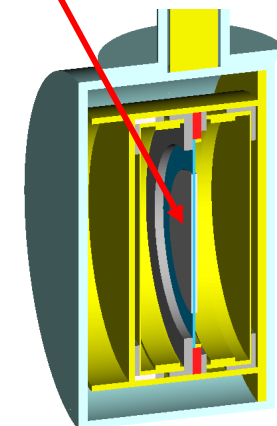
Original Stainless Steel Sphere and ^{252}Cf Source

(from NEA/NSC/DOC/(95)03/IX

FUND-NIST-CF-MULT-FISS-001 in ICSBEP Handbook)



Fissionable material deposits



Fission Chamber Cut view

- **Contributor:** Mathieu Dupont, ORNL, NEFCD, Criticality Safety Group.
- **Source:** SCALE 6.3 Validation Report, radiation shielding volume (NRC funded).