CEA is operating OSIRIS reactor and building JHR with experimental devices to support industry and public organizations in R&D irradiation programs on nuclear fuel and materials.

**In-core material testing : from CHOUCA to MICA and… CALIPSO**

**Power ramps : from Isabelle to Adeline**

**Photonic and neutronic measurement devices : from CALMOS to CARMEN**

**CONCLUSION**