At the CEN, Saclay, laboratory for irradiated fuel studies a shielded enclosure is currently being built for the non-destructive testing of fuel elements from light-water reactors.

The introduction into the shielded enclosure, the tests and the transfers will all be effected with the fuel element in a vertical position.

A vertical test rack will enable measurements to be made of the diameter, length and deflection. In addition, this rack will be equipped with apparatus for the detection of burst cans by means of eddy currents.