

Chantal Mergui joined the IRSN, TSO of the French Safety Regulator, in 1983 as an engineer in Atomic Physics. In the ensuing years, she occupied various management positions in the field of safety experimental programs performed in the Cabri and Phebus research reactors.

In 1997 she was appointed head of the Phebus Fission Product International Program for the experimentation, and chairwoman of the Technical Working Group.

In 2002, she moved to deputy head of The Service of Thermal hydraulics and Hydromechanics in CEA/DEN, running tests on facilities for thermal hydraulics and severe accidents purposes respectively in Poseidon and Plinius platforms.

In 2005, she was appointed head of the Service of Experimental Physics, responsible of three Zero Power Reactors (Eole, Minerve and Masurca) experimentations for qualification of neutronics tools and in-core instrumentation.

In 2008 she was appointed head of the Department of Nuclear Services, managing more than 200 people on Cadarache and Grenoble sites. She was responsible of 20 nuclear facilities for the waste and used fuel treatment, storage and transport and those under Dismantling and Decommissioning on the two CEA Centers.

Since the end of 2014, she is Senior representative in the International unit of the CEA/DEN mainly for Japan and Turkey cooperations.

In 2010, Chantal Mergui attended the 21th session of the training program of High Strategic Defense Studies (IHEDN).