



Claude SAINTE CATHERINE

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Claude SAINTE CATHERINE got a PhD in Material Science in 1990 from « Ecole des Mines de Paris » in France.

Just after his Ph. D., he worked for 4 years in the French steel industry research Institute (Usinor Sacilor) before becoming involved in the nuclear research field within CEA*. He has an extended experience in material mechanical testing and also in finite element computations with an expertise level in Fracture Mechanics. He was involved in more than fifty scientific publications. He actively participated in many EU projects and was task group leader in REVISA project on core melting severe accidents. He was also involved in international projects with participation in EPRI collaborations for reactor pressure vessel or Zircaloy fuel cladding materials.

During the period from 2001-2006, Claude Sainte Catherine was the head of a hot cell laboratory for mechanical behaviour of irradiated materials. This CEA laboratory is located on Saclay site 25 km south-west of Paris. The laboratory was composed of 25 members and in charge of mechanical testing on irradiated metallic materials in sealed lead hot cells. During these 6 years, this laboratory was also completely renewed and the old one closed and dismantled.

Claude Sainte Catherine joined the international relation direction of CEA on the beginning of 2007. On August 2007, he was nominated as CEA Representative for Nordic and Baltic Countries. He is currently based at Helsinki in the French Embassy under the authority of the French Ambassador of Finland.

* CEA is French Alternative Energies and Atomic Energy Commission, www.cea.fr