International Conference on Fast Reactors and Related Fuel Cycles: Next Generation Nuclear Systems for Sustainable Development (FR17)



Contribution ID: 612 Type: POSTER

Resting Bottom Fast Reactor

Tuesday 27 June 2017 17:30 (1h 30m)

The resting bottom sodium vessel may receive several applications. For a fast reactor, the direct gas circuit without intermediary sodium may increase the thermal efficiency and, conveniently studied, presents no risk of gas arrival perturbing the core. A construction economy seems to appear and, at end of use, the under soil vessel needs no dismantling and could contain radioactive remains, again with economy. This fast reactor should be studied.

Country/Int. Organization

CEA, France

Author: Mr COSTES, Didier (CEA)

Presenter: Mr COSTES, Didier (CEA)

Session Classification: Poster Session 1

Track Classification: Track 1. Innovative Fast Reactor Designs