

[Track5] Loss-Of-Coolant-Accidents

- **High Burnup Loss-of-Coolant Accident Test Following an Unpressurized Heating Test**

Nathan Capps(Oak Ridge National Laboratory),Jason Harp(Oak Ridge National Laboratory),Yong Yan(Oak Ridge National Laboratory),Matthew Jones(Oak Ridge National Laboratory),Jae-Kyung Han(Oak Ridge National Laboratory),Chuck Baldwin(Oak Ridge National Laboratory),Bob Morris(Oak Ridge National Laboratory),Bertrand Baurens(Framatome),Xavier Haller(Framatome),Romain Borrossi(Framatome)

- **Predicting the embrittlement of Cr-coated ATF cladding under prolonged external surface steam oxidation through mechanistic modeling of coating degradation**

Dongju Kim(Seoul National University),Youho Lee(Seoul National University)

- **Preliminary Assessment of Safety Margin Recovery of Chromium-Coated ATF Fuel during LOCA Conditions**

Joosuk Lee(Korea Institute of Nuclear Safety),Seulbeen Kim(Korea Institute of Nuclear Safety),Jang Keun Park(Korea Institute of Nuclear Safety)

- **Fracture behavior of Cr-coated Zr-based alloy claddings under high-temperature LOCA conditions**

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