

# DOE Briefing to ACRS – Advanced Computer Models for Reactor Safety Applications



**Tuesday August 21, 2018**

- 8:30 Introduction..... Dr. Michael Corradini
- 8:40 Opening Remarks..... Shane Johnson

***DOE Codes for Accident Tolerant Fuels (ATF) in LWR Safety Analysis***

- 8:55 Introduction..... Chris Stanek
- 9:00 Fuel Performance Modeling for ATF.....Steve Hayes
- 10:00 *Break*
- 10:15 Fuel Performance Modeling for ATF (Cont'd).....Steve Hayes
- 11:00 Neutronics and Thermal Hydraulics for ATF..... Jess Gehin
- 12:00 *Lunch*

***DOE Codes for Advanced (non-LWR) Reactor Safety Analysis***

- 1:00 Introduction..... Chris Stanek
- 1:10 Neutronics Analysis Capabilities for Non-LWRs .....Tanju Sofu
- 1:55 Fuels Modeling Capabilities for Non-LWRs .....Rich Williamson
- 2:40 *Break*
- 3:00 Thermal-Hydraulic/System Analysis Capabilities for Non-LWRs..... Elia Merzari
- 3:45 Source Term Assessment Codes and Methods ..... Tanju Sofu
  
- 4:30 Concluding Remarks (ATF and Advanced Reactors) ..... Chris Stanek
- 4:50 Public Comment Period
- 5:00 *Adjourn*