

# 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*