Fire Related Scenarios

1. Fire related scenario without active systems, Worst Credible Consequence, WCC

   - Initiating event
   - Passive protection still operational?
   - HRR
   - Flashover?
   - End

   Building, Occupant & Fire characteristics
   Fuel Geometry Ventilation etc.
   Fuel consumed? Extinguishment?

2. Fire related scenario with All Active Systems Working, AASW

   - Initiating event
   - Passive/active protection still operational?
   - HRR
   - Active system activated?
   - Flashover?
   - End

   Building, Occupant & Fire characteristics
   Fuel Geometry Ventilation etc.
   Modify HRR
   Yes
   Fuel consumed? Extinguishment?

3. Fire related scenario with One Active System Impaired, OASI

   - One active system impaired
   - Initiating event
   - Passive/active protection still operational?
   - HRR
   - Active system activated?
   - Flashover?
   - End

   Building, Occupant & Fire characteristics
   Fuel Geometry Ventilation etc.
   Modify HRR
   Yes
   Fuel consumed? Extinguishment?