

## SAFETY ASPECTS OF ACCIDENT TOLERANT FUELS—PANEL

**Session Organizer: Martin B. Sattison (Retired)**

### **Panel Discussion**

The research and development of accident tolerant fuel systems for the light water reactor fleet has reached a point where a number of potential candidates have progressed through initial testing and preliminary evaluation. The nuclear industry is seriously considering taking some of these technologies to the next step of demonstration in commercial reactor lead rods or assemblies. Deployment of these technologies requires the consideration of a broad spectrum of issues and impacts on the operational and regulatory aspects of light water reactors. This panel will provide an overview of the leading candidates, explore the operational and regulatory hurdles for use, and provide discussion of near term activities in the area of accident tolerant fuel technologies.

**Panelists:** *Aladar A. Csontos (EPRI)*

*Jeff Whitt (Framatome)*

*Jon Carmack (INL)*

*Mirela Gavrilas (NRC)*

*Edward J. Hahoda (Westinghouse)*