

# Advisory Committee on Reactor Safeguards Materials, Metallurgy and Reactor Fuels Subcommittee

## DRAFT AGENDA

### Biannual ACRS Review of Research Fuels Programs

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Tuesday, January 14, 2014

Topic	Presenter	Time
1. ACRS Subcommittee Chairman Remarks	Sam ARMIJO (ACRS)	1:00 PM – 1:05 PM
2. Staff Opening Remarks	Richard LEE (RES)	1:05 PM – 1:10 PM
3. High Burnup Spent Fuel Fatigue Testing for Transportation Applications	Michelle FLANAGAN (RES)	1:10 PM – 1:30 PM
4. Consequences of Failed Fuel in Transportation and Storage Casks	Michelle FLANAGAN (RES)	1:30 PM – 1:50 PM
5. Ductile to Brittle Transition Temperature for High Burnup Cladding Exposed to Simulated Drying and Storage Conditions	Michelle FLANAGAN (RES)	1:50 PM – 2:10 PM
6. Extended Storage of High Burnup Fuel: Cladding Stress Analysis	Patrick RAYNAUD (RES)	2:10 PM – 2:30 PM
7. Fuel Performance Codes FRAPCON and FRAPTRAN	Patrick RAYNAUD (RES)	2:30 PM – 2:50 PM
Break		2:50 PM – 3:05 PM
8. The Studsvik Cladding Integrity Program: PCI (past and present) and LOCA (future)	Patrick RAYNAUD (RES)	3:05 PM – 3:25 PM
9. Experimental Research on Fuel Fragmentation, Relocation and Dispersal	Michelle FLANAGAN (RES)	3:25 PM – 3:45 PM
10. Analytical Research on Fuel Fragmentation, Relocation and Dispersal	Patrick RAYNAUD (RES)	3:45 PM – 4:05 PM
11. Accident Tolerant Fuels: Overview of DOE and Industry Activities	Patrick RAYNAUD (RES)	4:05 PM – 4:25 PM
12. Emerging Fuels Research	Michelle FLANAGAN (RES)	4:25 PM – 4:45 PM
13. Committee Comments		4:45 PM – 4:50 PM
Adjourn		4:50PM

1. During the meeting, 301-415-7360 should be used to contact anyone in the ACRS Office.
2. Presentation time should not exceed 50 percent of the total time allocated for a given item. The remaining 50 percent of the time is reserved for discussion.
3. Thirty five (35) hard copies (2 B&W slides per page) of each presentation or handout should be provided to the Designated Federal Official 30 minutes before the meeting. Fifteen (15) full-page colored copies for the ACRS members and the court reporter.