

AGENDA

for the

Technical Brief

to the

Advisory Committee on Reactor Safeguards (ACRS)

Metallurgy and Reactor Fuels Subcommittee

on

Regulatory Guidance for Evaluating the Effects of Light Water Reactor Coolant Environments in Fatigue Analyses of Metal Components
(Proposed Revision 1 to Regulatory Guide 1.207)

Rockville, MD

Tuesday, December 2, 2014

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Item	Topic	Presenter(s)	Time
1	Opening Remarks and Objectives	Dr. Peter Riccardella, ACRS	1:00 – 1:05 p.m.
2	Staff Opening Remarks	Brian Thomas, RES	1:05 – 1:10 p.m.
3	Background <ul style="list-style-type: none">• What is cumulative usage factor (CUF)?• What is Environmentally Assisted Fatigue (EAF)?• Why is there NRC guidance on EAF?• What is the NRC guidance on EAF?• What is Reg. Guide 1.207 and NUREG/CR-6909?• What is F_{en}?	Gary Stevens, RES	1:10 – 1:45 p.m.
4	Reasons for Revising Reg. Guide 1.207	Gary Stevens, RES	1:45 – 2:00 p.m.
5	Summary of Revisions to Reg. Guide 1.207	Gary Stevens, RES	2:00 – 2:15 p.m.
6	Revisions to F_{en} Equations <ul style="list-style-type: none">• Review of updated fatigue data• Review of air fatigue curves• Review of changes to F_{en} expressions	Gary Stevens, RES	2:15 – 3:00 p.m.
7	Estimated Schedule for RG and NUREG Publication	Gary Stevens, RES	3:00 – 3:15 p.m.
8	Public Comments	Members of the Public	3:15 – 3:30 p.m.
	Adjourn		3:30 p.m.

ACRS Notes:

- During the meeting, 301-415-7360 should be used to contact anyone in the ACRS Office.
- 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.
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- 10 full page colored copies for the ACRS members and the court reporter.
- One (1) electronic copy of each presentation should be emailed to the Designated Federal Official 1 day before the meeting. If an electronic copy cannot be provided within this timeframe, presenters should provide the Designated Federal Official with a CD containing each presentation at least 30 minutes before the meeting.