

## ADVISORY COMMITTEE ON REACTOR SAFEGUARDS

### Materials, Metallurgy, and Reactor Fuels Subcommittee

#### Steam Generator Action Plan

September 24, 2009

#### Agenda -

Cognizant Staff Engineer: C. Brown (301) 415-7111

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Item	Topic	Presenter(s)	Time
1	Opening Remarks and Objectives	<b>Dr. Dana Powers, ACRS</b>	8:30 - 8:40 a.m.
2	Opening Remarks	Tim McGinty, NRR	8:40 - 8:45 a.m.
3	<b>SGAP Background and Overview</b> The SGAP, Staff Completion, Future Plans	David Beaulieu, NRR	8:45 - 9:15 a.m.
4	<b>SGAP Items 3.4.a-d</b> Thermal-Hydraulics - System Level Analyses	Christopher Boyd, RES Don Fletcher, Information Systems Laboratories	9:15 - 10:15 a.m.
5	Break		10:15 - 10:30 a.m.
6	<b>SGAP Items 3.4.e-g</b> Computational Fluid Dynamics	Christopher Boyd, RES	10:30 - 11:30 a.m.
7	<b>SGAP Items 3.4.h-i</b> Materials – Potential RCS failure locations	Jeff Hixon, RES Gene Carpenter, RES	11:30 a.m. - 12:00 p.m.
8	Lunch		12:00 - 1:00 p.m.
9	<b>SGAP Items 3.10</b> Using laboratory data for predicting field experience (crack initiation, crack growth rates)	Jeff Hixon, RES Gene Carpenter, RES	1:00 - 1:30 p.m.
10	<b>SGAP Items 3.1.k</b> Probability SG tube failures by SG depressurization events <b>SGAP Items 3.4.j-k</b> SG tube leakage rates; PRA for evaluating SG tube integrity requirements.	Robert Palla, NRR	1:30 - 2:30 p.m.
11	Break		2:30 - 2:45 p.m.
12	<b>SGAP Item 3.12</b> NRR User Need to RES for future work.	Robert Palla, NRR	2:45 - 3:15 p.m.
13	<b>SGAP Item 3.11 (GSI-163)</b> Request ACRS to document SGAP 3.11 closed based on ACRS closeout of GSI-163	David Beaulieu, NRR	3:15 - 3:20 p.m.
14	Committee Discussion	<b>Dr. Dana Powers, ACRS</b>	3:20 - 3:30 p.m.
15	Adjourn		3:30 p.m.

#### 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.
- Thirty five (35) hard copies of each presentation or handout should be provided to the Designated Federal Official 30 minutes before the meeting.
- 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.

**ADVISORY COMMITTEE ON REACTOR SAFEGUARDS**  
**Materials, Metallurgy, and Reactor Fuels Subcommittee**  
**Steam Generator Action Plan**  
September 25, 2009

**- Agenda -**

Cognizant Staff Engineer: C. Brown (301)-415-7111  
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Item	Topic	Presenter(s)	Time
1	Opening Remarks and Objectives	<b>Dr. Dana Powers, ACRS</b>	8:30 - 8:35 a.m.
2	<b>SGAP Item 3.5</b> Assessing the risk associated with SG tubes under accident conditions.	Selim Sancaktar, RES	8:35 - 9:45 a.m.
3	Break		9:45 - 10:00 a.m.
4	<b>SGAP Item 3.5 (cont'd)</b>	Selim Sancaktar, RES	10:00 - 11:30 a.m.
5	Summary	David Beaulieu, NRR	11:30 - 11:45 a.m.
5	Committee Discussion	<b>Dr. Dana Powers, ACRS</b>	11:45 - 12:00 p.m.
6	Adjourn		12:00 p.m.

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