

# SOARCA Peer Review Panel Meeting Agenda

March 2-3, 2009

6<sup>th</sup> Floor Conference Room  
21 Church Street  
Rockville, MD

## March 2, 2010

8:30 – 8:45 Welcome (S Elkins/NRC)  
8:45 – 9:00 Review meeting objectives and agenda (K. Vierow/Chair)  
9:00 – 10:30 SOARCA Uncertainty quantification overview (S. Burns/SNL)  
10:30 -10:45 Break  
10:45 – 11:45 Scenario selection and conclusions review (J. Schaperow/NRC)  
11:45 – 1:00 Lunch  
1:00 – 2:00 Peach Bottom accident progression review (M. Leonard/dycoda)  
2:00 – 3:00 Surry accident progression review (K. Wagner/SNL)  
3:00 – 3:15 Break  
3:15 – 3:45 Evacuation modeling review (R. Sullivan/NRC)  
3:45 – 4:45 Off-site consequence modeling review (N. Bixler/SNL)  
4:45 – 5:30 Open discussion (All)  
5:30 Adjourn

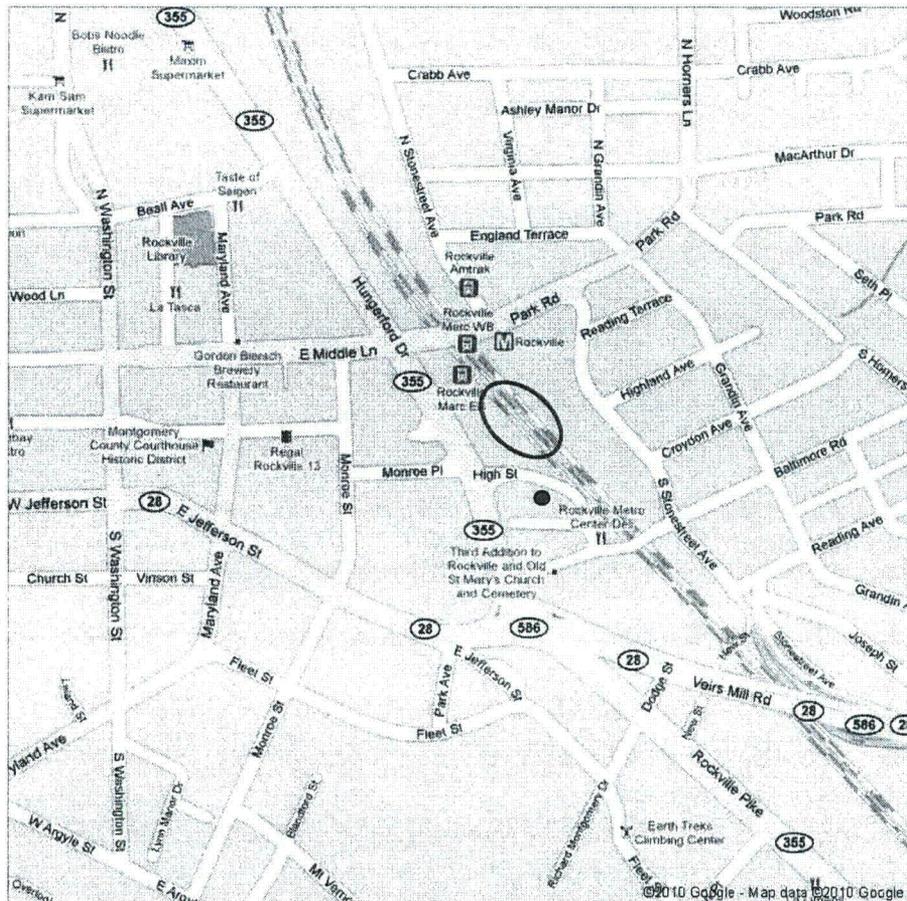
## March 3, 2010

8:30 - 9:00 Containment Structural Analysis (NRC)  
9:00 – 9:15 SOARCA path forward and public meeting plans (S. Elkins/NRC)  
9:15 – 12:00 Peer review panel discussions (K. Vierow/Chair)  
12:00 - 1:00 Lunch  
1:00 – 4:00 Peer review panel discussions (K. Vierow/Chair)  
4:00 – 5:00 Meeting review and closeout (K. Vierow/Chair)  
5:00 Adjourn

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**Directions from Bethesda Marriott**  
5151 Pooks Hill Road, Bethesda, MD

1. Take Bethesda Marriott shuttle to Medical Center stop on DC Metro Red Line (shuttle departs every 30 minutes from hotel)
2. Take Metro Red Line to Rockville stop (12 minute Metro ride)
3. Take foot path SE on Rockville Pike side of Metro station to 21 Church Street



J/Kathy;

I believe that the peer review committee meeting was a success. It appears that the panel finds all but a few of the comment resolution acceptable. The staff and Sandia handled the discussions very well. The few instances of staff debates (i.e., my technical view is better than yours) were minimal. Scott is putting together a summary of issues/take away/schedule. We will arrange a briefing for DSA and RES management early next week. The panel made some notable comments in many areas that, in my opinion, require better focus. For example:

- 1) Comparison of SOARCA to Previous Studies such as NUREG-1150 and Sandia Siting Study
- 2) Mitigated versus Unmitigated Scenarios, e.g., the mitigation strategies (50.54h) are fundamental to SOARCA and need better description including the bases for their successes.
- 3) Consequence Assessment, e.g., release truncation time of 48 hours and distance truncation (50 miles), and our focus on health effects and not land contamination or economic consequences may need enhanced justifications
- 4) Uncertainty Analysis - what should be the focus, is one necessary, choosing a mitigated or unmitigated scenario for analysis, etc
- 5) Structural/Seismic - liquefaction issue needs to be addressed: We will have a separate meeting with DSA/DE management on this.

I noted that the panel is highly interested in further involvement in the uncertainty analysis. I was disappointed to hear that the report is filled with structural and editorial issues (worse than the previous revision that the panel reviewed). One of the members with expertise in generating such "landmark type" documents volunteered to help in this area.

We expect a draft report from the panel in late April and a final report in May. *The panel will provide additional suggestions for improvement in the next few weeks.*

***Jimi T. Yerokun***

great! I think we should plan continued discussions with the peer review panel-- for instance, maybe after we have "finalized the report" just to get their feedback on how we handled the issues you delineated below. We could also consult individual panel members on particular topics according to their expertise. Your views?

J

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