

**Advisory Committee on Reactor Safeguards  
Meeting of the Subcommittee on ESBWR (Mechanical Eng Issues)  
Rockville, MD**

**Tuesday, October 20, 2009**

Cognizant Staff Engineer: Christopher L. Brown (301)-415-7111, [Christopher.Brown@nrc.gov](mailto:Christopher.Brown@nrc.gov)

Item	Topic	Presenter(s)	Time
1	Opening Remarks and Objectives	<b>Dr. Michael L. Corradini, ACRS</b>	8:30 – 8:35 a.m.
2	Staff Opening Remarks	<b>Amy Cubbage, NRO</b>	8:35 – 8:40 a.m.
3	<b>Seismic Design of PCCS and ICS RH (impact of sloshing water)</b>	a. GEH - G. Anthony, G. Deaver b. NRO – Zahira Cruz (PM), T. Le	8:40 – 10:45 a. m.
	Break		10:45 - 11:00 a. m.
4	<b>Pipe Break Hazard Analysis (ANS 58.2)*</b>	a. GEH- G. Anthony, G. Deaver b. NRO – Zahira Cruz (PM), Y. Li	11:00 – 12:00 p.m.
	Lunch		12:00 – 1:00 p.m.
5	<b>Steam Dryer Methods*</b>	a. GEH - G. Anthony, E. Betti, G. Deaver b. NRO – Zahira Cruz (PM), P. Sekerak	1:00 – 3:00 p.m.
	Break		3:00 – 3:15 p.m.
	<b>Steam Dryer Methods*</b>	a. GEH - G. Anthony, E. Betti, G. Deaver b. NRO – Zahira Cruz (PM), P. Sekerak	3:15 – 4:30 p.m.
6	Committee Discussion	<b>Dr. Corradini, ACRS</b>	4:30 p.m.
	Adjourn		4:45 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.
  - 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.
- Portion of meeting discussion may be CLOSED due to proprietary material.**

**Wednesday, October 21, 2009**

Item	Topic	Presenter(s)	Time
1	Opening Remarks and Objectives	<b>Dr. Michael L. Corradini, ACRS</b>	8:30 – 8:35 a.m.
2	Staff Opening Remarks	<b>Amy Cubbage, NRO</b>	8:35 – 8:40 a.m.
3	<b>Open issues regarding non-condensable gas in GDCS line</b>	a. GEH - R. Wachowiak, J. Diaz-Quiroz, G. Deaver, W. Marquino b. NRO - Bruce Bavol (PM), G. Thomas	8:40 – 9:45 a. m.
4	<b>Design of GDCS check valves</b>	a. GEH- R. Wachowiak, J. Diaz-Quiroz, G. Deaver, W. Marquino b. NRO - Bruce Bavol (PM), G. Thomas, T. Scarbrough	9:45 – 10:45 a.m.
	Break		10:45 - 11:00 a. m.
5	<b>TRACE Confirmatory Calcs (AOO)*</b>	a. NRO - Bruce Bavol (PM), J. Gilmer, W. Krotiuk	11:00 - 12:00 p. m.
	Lunch		12:00 – 1:00 p.m.
6	<b>LTR NEDC-33326 GE14E Initial Core Design Nuclear Report *</b>	a. GEH- J. McLamb, W. Marquino, R. Fawcett, S. Moen b. NRO - Bruce Bavol (PM), J. Gilmer, P. Yarsky	1:00 – 2:00 p.m.
7	<b>CPR Correlation applicability to ESBWR GE14E fuel and associated GE14E data*</b>	a. GEH – J. McLamb, W. Marquino, R. Fawcett, S. Moen b. NRO - Bruce Bavol (PM), J. Gilmer	2:00 – 3:00 p.m.
	Break		3:00 – 3:15 p.m.
8	<b>FW Temp Operating Domain (NEDO-33338)*</b>	a. GEH- J. McLamb, W. Marquino, B. Elam, S. Moen b. NRO - Bruce Bavol (PM), G. Thomas, J. March-Leuba	3:15 – 4:30 p.m.
9	<b>Stability/chimney open items*</b>	a. GEH- J. McLamb, W. Marquino, B. Elam, S. Moen b. NRO- Bruce Bavol (PM), J. Dorn, J. March-Leuba,	4:30 p.m. – 5:45 p.m.
10	Committee Discussion	<b>Dr. Corradini, ACRS</b>	5:45 p.m.
	Adjourn		6:00 p.m.

\* Portion of meeting discussion may be CLOSED due to proprietary material.

**Thursday, October 22, 2009**

Item	Topic	Presenter(s)	Time
1	Opening Remarks and Objectives	<b>Dr. Michael L. Corradini, ACRS</b>	8:30 – 8:35 a.m.
2	Staff Opening Remarks	<b>Amy Cubbage, NRO</b>	8:35 – 8:40 a.m.
3	<b>I&amp;C Level of Detail</b>	a. GEH - R. Wachowiak, H. Butler, I. Poppel, P. Yandow b. NRO - Dennis Galvin (PM)	8:40 – 10:45 a. m.
	Break		10:45 - 11:00 a. m.
4	<b>Cyber Security*</b>	a. GEH- R. Wachowiak, H. Butler, I. Poppel, P. Yandow, M. Bohne b. NRO - Dennis Galvin (PM)	11:00 - 12:00 p. m.
	Committee Discussion	<b>Dr. Corradini, ACRS</b>	12:00 p.m.
5	Adjourn		12:15 p.m.

**\* Portion of meeting discussion may be CLOSED due to proprietary material and/or official use only - security related information.**