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**Murphy, Martin**

**From:** Hiland, Patrick *in MC*  
**Sent:** Wednesday, December 21, 2011 4:07 PM  
**To:** Cheok, Michael  
**Cc:** Thomas, George; Farzam, Farhad; Murphy, Martin  
**Subject:** FW: ~~PREDECISIONAL - OFFICIAL USE ONLY~~; Preliminary Draft Response for Comment reg. Alkali-Silica Reaction (ASR) Issue at Seabrook  
**Attachments:** Seabrook ASR Prelim DRAFT Response (OUO) for Comment 12-20-11.docx

Mike, activities EMCB is working on. *R*

**From:** Conte, Richard *181*  
**Sent:** Wednesday, December 21, 2011 3:06 PM  
**To:** Galloway, Melanie  
**Cc:** Hiland, Patrick; Miller, Chris; Wilson, Peter; Ayres, David; Roberts, Darrell; Burritt, Arthur; Thomas, George; Sheikh, Abdul; Raymond, William; Chaudhary, Suresh; Modes, Michael; Auluck, Rajender; Murphy, Martin  
**Subject:** FW: ~~PREDECISIONAL - OFFICIAL USE ONLY~~; Preliminary Draft Response for Comment reg. Alkali-Silica Reaction (ASR) Issue at Seabrook

This is like drinking out of a technical fire hose but for a draft I am quite pleased. My challenge will be to summarize the technical issues in the inspection report for which we will be requesting their corrective action plan.

Melanie I just want to point out the fruits of our labor in the last year based on the question you raised in the conference. This draft came in before the conference yesterday. Note pages 7 item (c) and 15 item (d) the strong connection to the ageing management issues. The first part of the comprehensive list of issues for evaluating the final OD is that which is in the RAI from DLR in the letter of June 29, 2011. It is clear evidence to me that George and Abdul have been interfacing with one another as with us. Much appreciate there assistance on site the week of 9/28.

Have no fear we clearly are talking with one voice.

**From:** Thomas, George *in MC*  
**Sent:** Tuesday, December 20, 2011 12:05 PM  
**To:** Sheikh, Abdul; Modes, Michael; Chaudhary, Suresh; Raymond, William; Graves, Herman; Pires, Jose; Lehman, Bryce  
**Cc:** Conte, Richard; Auluck, Rajender; Hogan, Rosemary; Murphy, Martin; Manoly, Kamal; Farzam, Farhad; Burritt, Arthur  
**Subject:** ~~PREDECISIONAL - OFFICIAL USE ONLY~~; Preliminary Draft Response for Comment reg. Alkali-Silica Reaction (ASR) Issue at Seabrook

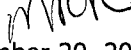
Attached is a Preliminary Draft Response that I put together to the Request for Technical Assistance from Region 1 with regard to the ASR-degradation issue of concrete structures at Seabrook Station. **The purpose of this email is to solicit internal brainstorming, input, and comment on the issue and the attached preliminary response. Please note that the attached preliminary document is NOT the NRR/DE position and has not been reviewed and concurred within NRR/DE.** Further, we have not yet got a firm comprehensive Action Plan and Test Plan from the licensee, which is very important to taking an NRC position on the issue. Please provide your comments at the earliest but no later than COB January 20, 2012.


Thanks. *R*

George Thomas  
 Structural Engineer

*D/11*


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**From:** Hiland, Patrick   
**Sent:** Tuesday, December 20, 2011 7:47 AM  
**To:** Miller, Chris  
**Cc:** Conte, Richard; Thomas, George  
**Subject:** FW: Briefing Material for Tomorrow's Call at 200pm on Seabrook ASR  
**Importance:** High



Chris, my staff discussed the attached briefing notes with me last night. In particular, I was briefed on the TIA which George Thomas of my staff is working on, that has a due date of 12/29. Not sure what the expectations are, but it appears that answering the TIA with firm guidance is not achievable by 12/29. George has put together a number of specific criteria that could be used to compare with licensee's "plan" when delivered. I've advised George Thomas to send out his draft information as a brainstorm effort to solicit input from NRR/DLR, RES, and Region I. I've been told that the NRC doesn't have any specific engineering/technical guidance available regarding ASR and that we are searching out info from other industries. Obviously, the licensee has the responsibility to evaluate under XVI and should do the engineering work to defend their corrective action. Our staff will continue to search out current information, but we do not anticipate providing an accurate list of criteria by 12/29. The purpose of this email is info only.

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**From:** Conte, Richard   
**Sent:** Monday, December 19, 2011 1:30 PM  
**To:** Auluck, Rajender; Ayres, David; Bahadur, Sher; Burritt, Arthur; Chaudhary, Suresh; Chernoff, Harold; Clifford, James; Cline, Leonard; Conte, Richard; Cruz, Holly; Delligatti, Mark; Evans, Michele; Ferrer, Nathaniel; Galloway, Melanie; Hiland, Patrick; Howe, Allen; Khanna, Meena; Lamb, John; Lehman, Bryce; Lund, Louise; Manoly, Kamal; Miller, Chris; Miller, Ed; Modes, Michael; Morey, Dennis; Murphy, Martin; Plasse, Richard; Raymond, William; Roberts, Darrell; Sakai, Stacie; Sheikh, Abdul; Thomas, George; Wilson, Peter  
**Subject:** Briefing Material for Tomorrow's Call at 200pm on Seabrook ASR

See attached agenda and talking points along with attachments for more details.