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Garmon, David

From: Lehman, Bryce *NR*
Sent: Wednesday, December 21, 2011 3:50 PM
To: Garmon, David
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 (*QUO*) for Comment 12-20-11.docx

David,

Attached is George's preliminary response to Region I's TIA. Please note the draft/preliminary nature of the file.

Thanks,
Bryce

R

From: Thomas, George *NR*
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.


George Thomas
Structural Engineer
NRR/DE/EMCB
301-415-6181

R

From: Hiland, Patrick *NR*
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.

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.

EX 5

(21 pages).