

**CuadradoDeJesus, Samuel**

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**From:** Holmberg, Mel  
**Sent:** Monday, January 23, 2012 12:08 PM  
**To:** CuadradoDeJesus, Samuel  
**Subject:** RE: Status Call Results- DB SB Cracking

Ok.

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**From:** CuadradoDeJesus, Samuel  
**Sent:** Monday, January 23, 2012 10:48 AM  
**To:** Holmberg, Mel  
**Cc:** Hills, David; Neurauter, James; Shaikh, Atif; Sanchez Santiago, Elba; Davis-BesseHearingFile Resource  
**Subject:** RE: Status Call Results- DB SB Cracking

Mel,

I'll ask Marty (DE/EMCB) and Raj (DLR/RASB) what they think about the applicant's approach. I'll get back to you.

Regards,  
**Samuel Cuadrado de Jesús**  
Project Manager  
Projects Branch 1  
Division of License Renewal  
U.S. Nuclear Regulatory Commission  
Phone: 301-415-2946  
[Samuel.CuadradoDeJesus@nrc.gov](mailto:Samuel.CuadradoDeJesus@nrc.gov)

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**From:** Holmberg, Mel  
**Sent:** Monday, January 23, 2012 11:40 AM  
**To:** CuadradoDeJesus, Samuel  
**Cc:** Hills, David; Neurauter, James; Shaikh, Atif; Sanchez Santiago, Elba  
**Subject:** FW: Status Call Results- DB SB Cracking

Samuel,

The licensee root cause investigation will rely on tests and computer models (ABACUS) that were not developed or performed under Appendix B controls. Thus, if they intend to use the conclusions from this root cause work to validate the effectiveness of their Structures (e.g. shield building) age management program are we ok with this? If not, this could be put on our Agenda to discuss this Thursday with the licensee.

M

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**From:** Holmberg, Mel  
**Sent:** Monday, January 23, 2012 9:59 AM  
**To:** Prescott, Paul  
**Subject:** FW: Status Call Results- DB SB Cracking

Paul,

D/39

Appreciate any thoughts you have on this issue associated with QA applicable to root cause related testing to determine cause of cracking in the shield building at the Davis-Besse. Or if there is someone else at NRR I should contact?

Thanks,

Mel

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**From:** Holmberg, Mel  
**Sent:** Monday, January 23, 2012 8:30 AM  
**To:** Hills, David  
**Cc:** Shaikh, Atif; Neurauter, James; Sanchez Santiago, Elba  
**Subject:** RE: Status Call Results- DB SB Cracking

Yes, I specifically inquired into this issue. The licensee procured commercial services for root cause testing using non-safety related procurement documents and thus are not required to meet Appendix B and the staff doing the specialized testing in support of the root cause tests are not required to have any qualifications or certifications (see attached responses). I am not sure that any plant will apply appendix B for root cause work.

If this testing was done to certify plant materials going into safety related components than it would have to be appendix B. But this vendor testing is being used to assist in determination of a cause for degradation of a safety related structure so I am not sure if the NRC has set a policy in this area. I have reviewed the licensee root cause procedures and cannot find any specific guidance in this area so I will contact Paul Prescott or others in vendor branch to see if they have more information on NRC policy for this type of work.

Thanks,

M

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**From:** Hills, David  
**Sent:** Monday, January 23, 2012 8:12 AM  
**To:** Holmberg, Mel; Shaikh, Atif; Neurauter, James; Sanchez Santiago, Elba  
**Subject:** RE: Status Call Results- DB SB Cracking

Thanks Mel. Did anyone ever check into the questions we had regarding applicability of Appendix B to the testing they did in California and Colorado? What were our conclusions?

- Dave

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**From:** Holmberg, Mel  
**Sent:** Thursday, January 19, 2012 3:58 PM  
**To:** Shaikh, Atif; Neurauter, James; Sanchez Santiago, Elba  
**Cc:** Hills, David  
**Subject:** Status Call Results- DB SB Cracking

Team,

Attached is a summary of the conference call with Davis-Besse Root Cause Team to gather information on the status of their work. Let me know if you have any questions or suggestions for next weeks call.

M