

From: Guzman, Richard
Sent: Thursday, December 05, 2013 4:33 PM
To: 'Newman, Stephen'; Shingleton, Boyd
Subject: RE: Oconee Nuclear Station _ NRC Commitment and RAI Submittals

Boyd,

As we discussed, based on his preliminary review of the 11/29/13 supplemental response, the technical reviewer has determined that the information regarding the upper-shelf energy evaluation for the RPV lower head is not complete. Below is a description of the follow-on information request. We can support a teleconference to discuss in more detail if needed.

The November 29, 2013, upper-shelf energy (USE) evaluation for the RPV lower head materials having fluences greater than 10^{17} n/cm² is incomplete. The licensee states that only USE decreases. Without referencing the initial USE values for the RPV lower head materials, it is not known whether or not the USE at 54 EFPY (considering USE decreases) will be above 50 ft-lbs.

The technical reviewer notes that there are two options to consider if the initial USE values associated with the lower head materials cannot be located: (1) using generic initial USE values applicable to Oconee RPV lower heads, or (2) using the equivalent margins analysis of ASME Code, Section XI, Appendix K, supplemented by RG 1.161, "Evaluation of Reactor Pressure Vessels with Charpy Upper-Shelf Energy Less Than 50 ft-lb." We can also discuss these approaches, if applicable, during the teleconference call.

Thanks,
Rich

Rich Guzman
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From: Newman, Stephen [<mailto:Stephen.Newman@duke-energy.com>]
Sent: Friday, November 29, 2013 5:05 AM
To: Guzman, Richard
Cc: Wasik, Christopher J; Shingleton, Boyd; Severance, Sandra N
Subject: Oconee Nuclear Station _ NRC Commitment and RAI Submittals

Richard,

Please find attached two submittals associated with a reactor vessels internals inspection program LAR commitment and a PT Limit Curve LAR RAI. Both letters are dated 11/29/13. Please let me know that you received them intact.

Best Regards,

Stephen C. Newman

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