

**From:** Linton, Ron  
**Sent:** Wednesday, June 29, 2011 4:17 PM  
**To:** '(mspelizza@uraniumresources.com)'  
**Cc:** Przygodzki, Roman; VonTill, Bill  
**Subject:** RE: NRC request for clarifying information - HRI RAP's

Re: HRI responses dated June 9, 2011, to NRC RAI dated May 16, 2011. NRC request for clarifying information on HRI RAPs.

Mark:

In response to NRC RAI 2 dated May 16, 2011, "Justify unit costs, references and assumptions related to tremie piping," specifically, RAI 2.4, "provide or clarify the basis (e.g. a quote or contract) and supporting calculations for the cost of cement per sack and the cost of cement gel", NRC staff requests clarification on the following issue:

- HRI states that the "quote for gel at \$12.65 per sack is considerably higher than the previous quote of \$5.60, but this increase is countered by the reduced cement cost because much more cement is used when plugging a well than gel." The cost estimate should be a best estimate at the time it is prepared, and therefore should be revised to include the best estimate for current costs. In our analysis, it appears that the increased cost for gel would increase the cost estimate. If the estimated costs have increased, HRI should revise its estimate to include the up-to-date cost.

In response to NRC RAI 2.5 dated May 1, 2011, "Clarify whether the estimate includes the cost of piping for the tremie pipe, disposal of tremie pipe and well casing", NRC staff requests clarification on the following issue:

- HRI states that the cost of tremie pipe is "small enough to be discounted as compared to the overall plugging cost." The staff agrees that the cost of piping currently is small relative to the total cost estimate. However, NUREG-1569, Appendix C, recommends that "estimates should include costs for equipment; materials;..... miscellaneous site-specific costs; and any other activity or resource that will require expenditure of funds." The tremie pipe and all other costs should be included in the estimate.

Please contact me if you have any additional questions.

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