

**From:** Steven Orth *RTT*  
**To:** Larry Haskell  
**Date:** 1/24/06 3:23PM  
**Subject:** Re: Braidwood Tritium Sampling

Larry,

We have compiled the attached comparisons of NRC results to the licensee's results. We still have a number of results that we have not received from our contract laboratory.

Our initial data review indicates generally very good agreement between the laboratories. As I discussed with Rich Allen yesterday, a few results have a greater difference than I expected, but were still within a reasonable variance. In some cases, we have asked our laboratory to recount the samples.

Since this information is part of an ongoing NRC inspection, we request that you use the attached information for internal use/review only. We plan to issue our results in an upcoming inspection report.

We are also very interested in your results and would appreciate a copy of your spreadsheet.

If you have any questions, please contact me via email or at 630/829-9827 or contact John Cassidy at 630/829-9667.

Steven Orth  
US NRC Region III  
Division of Reactor Safety

>>> "Haskell, Larry" <Haskell@iema.state.il.us> 01/24/06 10:04 AM >>>  
Mr Orth:

My name is Larry Haskell and I am with the Illinois Emergency Management Agency, Division of Nuclear Safety. I am coordinating the State's receipt and analysis of samples from Exelon's special sampling efforts around the Braidwood station. I understand that you have a similar set of data, collected by the NRC. Would you be willing to swap data sets?

Exelon has been providing us with duplicates of all samples they collect and analyze. Currently I have received approximately 200 samples and our lab has provided me with results for half of these samples. All these samples are comprised of between 100 -1000 ml of water which is analyzed by liquid scintillation for tritium. Exelon staff members at Braidwood have provided me with their results from most of the 200 samples. If you would be interested in these results, please let me know. I would be most interested in any results of independent analyses that you have.

Larry Haskell  
Illinois Emergency Management Agency  
Division of Nuclear Safety  
[Haskell@iema.state.il.us](mailto:Haskell@iema.state.il.us)  
217.786.6760

**CC:** John Cassidy; R\_Allen@iema.state.il.us; Roland Lickus

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