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March 30, 2010

Betsy Ullrich, MS, CHP
Senior Health Physicist
Commercial and R&D Branch
Division of Nuclear Material Safety
Region I
Nuclear Regulatory Commission

RE: Results of CardioGen Evaluation

Dear Ms. Ullrich:

As you requested, this letter provides the results of the evaluation of the Bracco CardioGen Sr-82/Rb-82 generator you investigated at Health Center Imaging in Connecticut. The generator was returned to the South Plainfield manufacturing facility on February 09, 2010. To address your questions, I am providing the following results of the evaluation:

1. A Sr-82/Sr-85 breakthrough test was conducted on the returned generator. The results of that test were well within the product specifications.
2. A wipe of the outside of the generator yielded approximately 800 dpm. When checked for isotopic analysis a small peak developed at 514 keV, indicating the presence of a small amount of Sr-85. There was no evidence of Sr-82 or Rb-82 detected on this wipe.
3. During the QC breakthrough test the generator was eluted, similar to how it would be used by the customer. The generator performed as expected during this elution and there was no evidence of a broken column or any other damage detected during the test.

I hope this answers your questions.

If you have any questions or require any additional information at this time, please contact me at (847) 385-5739.

Sincerely,

A handwritten signature in black ink, appearing to read 'Wayne London'.

Wayne London, CHP
Senior Nuclear Safety Program Leader
Americas EHS Staff
GE Healthcare