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Washington, DC 20010-2970
(202) 476-5000

U.S. Nuclear Regulatory Commission, Region I
475 Allendale Road
King of Prussia, PA 19406

January 7, 2011

Dear Sir/Madam:

Reference is made to Children's National Medical Center's NRC license #08-03309-01. Children's National Medical Center requests an expedited amendment to our license to include Fluorine 18 for PET imaging. We anticipate scanning our first patient on January 19, 2011. Please add the following to items 6-9 of our license:

6. Byproduct Material 7. Chemical/Physical Form 8. Maximum Amount

A. Fluorine 18 any 2 Ci

9. Authorized use:

Any diagnostic imaging and localization studies

Thank you for your help in this matter.

Sincerely,


Thomas Fearon, Ph.D.
Radiation Safety Officer

574215
NMSS/RGN1 MATERIALS-002

www.dcchildrens.com