Evangelical Health Systems

Good Shepherd Hospital
450 West Highway 22, Barrington, Illinois 60010 (312) 381-9600

July 30, 1986

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Bruce Mallett, Ph.D.
Chief, Licensing Section
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Reference: NRC License No. 12-18809-01

Dear Dr. Mallett:

We request that you amend our By-Product Materials License to show the following change:

We request authorization for possession and use Gd153 contained in the Norland Series. These sources will be utilized in the Norland Corporation Model 2600 Dual Photon Bone Densitometer. The source activity will be approximately 1 curie.

The manual to be utilized for reference for this Bone Densitometer device is titled the Dichromatic Bone Densitometer model 2600 dated July 1, 1986. This manual will be referenced for instructions for installation and removal of the source from the device.

The procedures to be followed for all other items relating to this amendment request can be found in our last amendment request for use of the Nuclear Diagnostic Bone Densitometer. Again, in struction will be given to personnel from authorized individuals for the Norland Corporation.

Thank you for your cooperation in this matter. Should you have any questions or require any additional information, please contact Mr. Ronald Edwards, Physicist, Radiation Protection Consultants Ltd., 4255 Westbrook Drive, Suite 211, Aurora, Illinois 60505, telephone (312) 851-5986.

Sincerely,

Daryl Schlei

Daryl Schlei
Assistant Administrator

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