

[Click here and type address]

facsimile transmittal

P-7

29-31171-01

03037302

To: Tom Thompson Fax: 610-337-5269

Mail Control # 139092

From: David Longton Date: 8/3/2006

Re: Morris County Imaging - Pages: 2

Sealed Source Information

CC: Michael Teters

- Urgent
- For Review
- Please Comment
- Please Reply
- Please Recycle

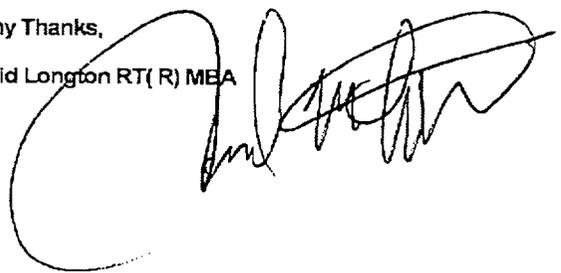
Dear Mr Thompson,

Please find attached the information provided by the manufacturer of the PET/CT scanner at Morris County Imaging (Philips Medical Systems).

Please contact me at 973-715-2743 if you require any additional information in order to process our radioactive materials license.

Many Thanks,

David Longton RT(R) MBEA



139092

Morris County Imaging
310 Madison Ave.

PHILIPS MEDICAL SYSTEMS

4535 679 62381 GXL Rev A

SECTION VIII

RADIATION SAFETY

RADIOACTIVE SOURCES

The Gemini GXL system requires seven radioactive sources:

1. (7) Na-22 quality control and calibration sources

For domestic shipments, the sources are drop-shipped from the source vendor, Isotope Product Laboratories (IPL). For export, the sources must be purchased separately from IPL's local distributor. Ordering information is provided at the time of sale.

Source Characteristics

ITEM	NA-22 SOURCE	NA-22 SOURCE
Activity (nominal)	3.7MBq (100 μ Ci)	.37MBq (10 μ Ci)
Manufacturer	Isotope Product Laboratories (IPL)	Isotope Product Laboratories (IPL)
IPL model number	GF-0227 100 μ Ci	MMS05-22-10U
Quantity	1	6
Sealed source and device registry	CA0406S1060S	NUREG 1556 section 5.11(see note 1, page 34)

APPLICABLE REGULATIONS

Radiation safety considerations in the design of the Gemini GXL are driven by US Nuclear Regulatory Commission (NRC), and Agreement States, regulations and guides.

The NRC specifies that the maximum dose of radiation permitted for workers in the United States is 5000 Mrem per year (NRC Title 10 Part 20). This corresponds to an average dose of approximately 2.5 mrem/hour. Note that for gamma radiation, 1mrem = 1mR = 1mrad = 10 μ Sv. The NRC also recommends the adoption of "ALARA - As Low As Reasonably Achievable" as the operating policy of radiation safety programs.