

**CONFIDENTIAL FACSIMILE TRANSMISSION**

TO: Michael M. LaFranzo
U.S. Nuclear Regulatory Commission
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FROM: Jan Greiw, MBA, VP/COO
Advanced Medical Testing Systems, Inc.
d.b.a. The Imaging Center
Phone: 314-837-5489
Fax: 314-831-5728

DATE: January 26, 2006

RE: License #24-25953-01

NOTES: Mr. LaFranzo,

Included in this fax transmission is a letter regarding the correction of issues you identified during your recent survey, calibration records for our loaner survey meter and our revised stress test protocols.

Would you like me to fax our new physicist's credentials and training records (11 pages)? If so, please call me at 314-837-5489.
I will forward all other items listed in the letter as soon as possible.

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Number of pages including cover sheet:

5



January 26, 2006

Michael M. LaFranzo
United States Nuclear Regulatory Commission
Region III
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

RE: NRC License 24-25953-01

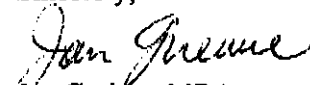
Dear Mr. LaFranzo:

This letter is to advise you of the preliminary steps we have taken to address the concerns raised during your inspection of our Nuclear Medicine Department on January 20, 2006.

1. We hired a new medical physics consultant, John J. Chorzel, M.S., DABR.
2. Per your observations, we discontinued use of the dose calibrator on January 20th. John Chorzel will calibrate the unit on January 30, 2006.
3. We immediately obtained a loaner survey meter and have ordered a new one. Calibration records for the loaner survey meter, a Ludlum 14C, are attached. Specifications of our new meter will be forwarded upon receipt.
4. Cardiolite and Adenosine/Persantine Stress Test Protocols have been revised as suggested by Larry Reed, M.D., our Radiation Safety Officer.
5. John Chorzel, M.D., DABR, has been asked to develop and implement NRC compliance training for Melissa Smith, R.T. The training program will become an integral part of our annual training. John will meet with Melissa on Monday, January 30th to begin the program. Specifics of the training program will be forwarded.

Thank you very much for your review and suggestions.

Sincerely,


Jan Greiwe, MBA
VP/COO

T-754 P.002/002 F-296

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INSTRUMENT MAKE	Ludium
INSTRUMENT MODEL	14C
SERIAL NUMBER	88061
DETECTOR TYPE	Int & 44-TPR083333
METER DISPLAY	0-2 mR/hr
BATTERY CHECK	Good

DATE:

6/23/05

THE IMAGING CENTER

235 Dunn Road

Florissant, MO

POLICY: ADENOSINE (OR PERSANTINE) CARDIOLITE STRESS TEST**POLICY NUMBER: 21**

1. Patient preparation:
 - A. NPO after midnight except water
 - B. Diabetic may have a piece of toast and juice before they come
 - C. Caffeine free for 24 hours (this includes Decaf coffee and tea and chocolate)
 - D. Persantine or Dipyridamole free for 24 hours
2. Radiopharmaceutical(s):
 - A. ^{99m}Tc-MIDI (Cardiolite)
3. Dosage:
 - A. Stress: 20-29 mCi
 - B. Rest:
 1. One Day Protocol: 8-10 mCi
 2. Two Day Protocol: 20-29 mCi
4. Route: IV
5. Collimator: LEHR
6. Procedure:
 - A. Rest: non-circular
 - B. Stress: Circular
7. Acquisition:
 - A. Rest (non-circular)
 1. No. of azimuths: 32
 2. Total rotation: 180
 3. Total Time: 35 sec/azimuths (if patient large or dose infiltrated use 40 sec)
 4. Step acquisition
 5. Matrix size: 64 x 64 x 16
 6. Direction of Rotation: Clockwise
 7. Detector Mask: 38.0 cm square
 8. Starting Position: 315
 9. Supine position
 - B. Stress (circular-gated)
 1. No. of azimuths: 32
 2. Total rotation: 180
 3. Total Time: 30 sec/azimuths
 4. Step acquisition

THE IMAGING CENTER

235 Dunn Road

Florissant, MO

POLICY: CARDIOLITE STRESS TEST**POLICY NUMBER: 20**

1. Patient preparation:
 - A. NPO after midnight except water
 - B. Diabetic may have a piece of toast and juice before they come
2. Radiopharmaceutical(s):
 - A. ^{99m}Tc -MIDI (Cardiolite)
3. Dosage:
 - A. Stress: 20-29 mCi
 - B. Rest:
 1. One Day Protocol: 8-10 mCi
 2. Two Day Protocol: 20-29 mCi
4. Route: IV
5. Collimator: LEHR
6. Procedure:
 - A. Rest: non-circular
 - B. Stress: Circular
7. Acquisition:
 - A. Rest (non-circular)
 1. No. of azimuths: 32
 2. Total rotation: 180
 3. Total Time: 35 sec/azimuths (if patient large or dose infiltrated use 40 sec)
 4. Step acquisition
 5. Matrix size: 64 x 64 x 16
 6. Direction of Rotation: Clockwise
 7. Detector Mask: 38.0 cm square
 8. Starting Position: 315
 9. Supine position
 - B. Stress (circular-gated)
 1. No. of azimuths: 32
 2. Total rotation: 180
 3. Total Time: 30 sec/azimuths
 4. Step acquisition