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Office of the President  
601 Children's Lane  
Norfolk, VA 23507  
757.668.7044  
757.668.9450 Fax

RECEIVED  
REGION 1

2005 JUN 13 PM 12: 21

June 9, 2005

Mike Perkins  
Licensing Assistant  
U.S. Nuclear Regulatory Commission  
Division of Nuclear Materials Safety  
Region I  
475 Allendale Road  
King of Prussia, PA 19406

Reference: Radioactive Material License Number 45-23063-01 03020229

Dear Mr. Perkins:

We request that our Radioactive Materials License be amended to add Lori Gay, CNMT, RT(N) as Radiation Safety Officer. Ms. Gay was previously an Alternate Radiation Safety Officer on this license (Amendment 08), and documentation of her training and experience is enclosed.

Should other information be required, please contact our consulting health physicist, Mr. Roy F. Heltzel, Jr. at 757-410-9051.

Very truly yours,

A handwritten signature in black ink, appearing to read "Jim Dahling", written over a horizontal line.

Jim Dahling  
Chief Executive Officer

Enclosures

137212  
NMSS/RGNI MATERIALS-002



August 6, 2002

U.S. Nuclear Regulatory Commission, Region II  
Atlanta Federal Center  
Division of Nuclear Materials Safety  
61 Forsyth Street South West, Suite 23T85  
Atlanta, Georgia 30303-8931  
Attn: Ms. Orysia Bailey

Reference: NRC License No. 45-23063-01 Amendment Request

Dear Ms. Bailey:

This letter is to provide documentation that Lori Gay, CNMT, RT(N) has performed the duties of radiation safety technologist at Children's Hospital of the King's Daughters for more than one year under my supervision.

Should additional information be required, please contact Roy F. Heltzel, Jr., our consulting physicist, at 757-518-9523.

Very truly yours,

Michael Ethan Katz, M.D.  
Radiation Safety Officer

# Certificate of Completion

awarded to

*Lori Gay*

for participation in

Radiation Safety Seminar

January 30 – February 1, 2001 – Las Vegas  
presented by Engelhardt & Associates, Inc.

*Susan J. Engelhardt*

Susan J. Engelhardt, M.S.

*Dee Kaiser*

Dee Kaiser, M.S.

*Joshua Walkowicz*

Joshua Walkowicz, M.S.

*Ralph Grunewald*

Ralph Grunewald, Ph.D.

*Judith Grunewald*

Judith Grunewald, R.N., M.S.



## COLLEGE OF HEALTH SCIENCES

Norfolk, Virginia 23529-0206

[www.odu.edu/healthsciences](http://www.odu.edu/healthsciences)

Office of the Dean  
(757)683-4960  
FAX: 683-5674  
Associate Dean  
683-4258  
College Advisor  
683-5137

Community Health  
Environmental Health  
683-4409  
FAX: 683-4410

Cytotechnology  
683-3589  
FAX: 683-5028

Dental Hygiene  
683-4310  
FAX: 683-5239  
Clinic  
683-4308  
Research Center  
683-5150

Master of Public Health  
(Joint program with EVMS)  
446-6120  
FAX: 446-6121

Medical Technology  
683-3589  
FAX: 683-5028

Nuclear Medicine Technology  
683-3589  
FAX: 683-5028

Nursing  
683-4297  
FAX: 683-5253

Ophthalmic Technology  
(Joint program with EVMS)  
668-2100  
FAX: 683-2109

Physical Therapy  
683-4519  
FAX: 683-4410

PhD in Urban Services-  
Health Services Concentration  
683-4259  
FAX: 683-4753

Professional Continuing  
Education  
683-4256  
FAX: 683-4753

Ms. Judy Hederstrom  
Director of Radiology  
Children's Hospital of the Kings Daughters  
601 Children's Lane  
Norfolk, Virginia 23507

Dear Ms. Hederstrom:

Ms. Lori Hansford Gay has asked me to write you a short note describing her training here at Old Dominion University with regards to radiation safety. Ms. Gay graduated from the program in Nuclear Medicine Technology (NMED) in May of 1995. As part of the NMED curriculum Ms. Gay completed a series of credit courses including:

1. Radiation Health (NMED 335 - 3 credits - 45 hours).

Radiation safety and radiation safety principles are also part of the following:

2. Nuclear Instrumentation (NMED 332 - 4 credits - 60 hours),
3. Radiopharmacy (NMED 403 - 3 credits - 45 hours) and
4. Fund. Concepts (Nuclear Physics) (NMED 331 - 4 credits - 60 hours)
5. Clinical Coursework (NMED 440, 450, 460 - 26 credits) which is comprised of 1312 hours of clinical experiences with radiopharmaceutical imaging and radiation safety incorporated in each days activities.

Specifically, the Radiation Health course (NMED 335) was taught by the University Radiation Safety Officer and covers the following topics:

Radioactive decay  
Radiation, including the biologic effects of radiation  
Specific Activity, half-life, decay constant  
Absorbed Dose, Dose equivalence  
ALARA principle, time, distance and shielding  
Exposure limits and guidelines, occupational exposure and general public exposure  
Instrumentation, theory and practical uses  
Federal Regulations (10CFR19, 20, 30, 33, 35, 71)  
Personnel Monitoring, spill procedures, decontamination.

I hope I have provided you with the information your office needs regarding Ms. Gay education and training in radiation safety. Please contact me if you need any more information.

Sincerely,

Dr. Scott Sechrist, CNMT  
Associate Professor and Program Director  
Nuclear Medicine Technology  
[ssechris@odu.edu](mailto:ssechris@odu.edu)

Home Phone : [REDACTED]  
Work Phone : (757) 668-7877  
Fax : (757) 668-9185  
Email: [REDACTED]

# Lori L. Gay

## EDUCATION

September 1991-May 1995 Old Dominion University Norfolk, VA  
Bachelor of Science Degree in Nuclear Medicine Technology

June 1991 Boyertown Area Senior High School Boyertown, PA  
High School Diploma

## CLINICAL EXPERIENCE

May 1994-May 1995

*Nuclear Medicine Technologist Intern*

Clinical rotations in the nuclear medicine departments at three different hospital sites:

- I. Riverside Regional Medical Center. Newport News, VA
- II. Sentara Leigh Hospital. Norfolk, VA
- III. Maryview Medical Center. Portsmouth, VA

Performed routine clinical nuclear medicine studies: thyroid uptake and scans, SPECT brain scans and bone scans, Gallium and Indium scans, Cardiolite and thallium stress/rest tests, gastric emptying and more.

Attended a short rotation through a nuclear medicine pharmacy and through an RIA laboratory.

## EQUIPMENT :

Cameras: Toshiba 9300 A, Toshiba 901 A, Toshiba 602 A, Siemens LFOV.

Siemens Dual Head Whole Body Scanner, Siemens Orbiter Single Head, Ohio Nuclear Technicare 410, XZLC 370F, Eliscint portable.

ADAC Dual Head Genesys, ADAC Vertex Dual Head, GE Starcam 1000, GE XRT 3200.

Computers: Toshiba V5.0 B, Capnitec Well counter and Uptake Probe, Siemens Microdelta Version 7.2, ADAC Pegasys Computer, Atomlab Well counter and Uptake Probe.

**PERSONAL INFORMATION WAS REMOVED  
BY NRC. NO COPY OF THIS INFORMATION  
WAS RETAINED BY THE NRC.**

## EMPLOYMENT

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October 1997- Present    The Children's Hospital of The King's  
Daughters    Norfolk, VA

*Operations Coordinator, Pacs Administrator*

- Supervisor over Nuclear Medicine, Ultrasound, and Bone Density
- Perform routine Nuclear Medicine procedures and duties.
- Performed Alternate RSO duties and in charge of distributing film badges to the Radiology department.
- Clinical Coordinator in charge of the Nuclear Medicine students rotating from Old Dominion University.
- Equipment: Adac Vertex Epic Dual Head

May 1995- October 1997    Maryview Medical Cnt.    Portsmouth, VA

*Nuclear Medicine Technologist*

- Performed routine Nuclear Medicine procedures and duties
- Computer skilled, handle heavy patient volume.
- Clinical Coordinator in charge of Nuclear Medicine students rotating from Old Dominion University.
- Equipment used: Adac Dual Head Genesys, Adac Vertex Dual Head, Ge Starcam 1000, Ge XRT 3200.

## HONORS AND ACTIVITIES

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- Awarded partial scholarship to play Division 1 Women's Lacrosse for Old Dominion University
- Achieved Dean's List status for 2 semesters

## AFFILIATIONS

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NMTCB

Society of Nuclear Medicine Technology

This is to acknowledge the receipt of your letter/application dated

6/9/2005, and to inform you that the initial processing which includes an administrative review has been performed.

☒ Amendment 45-23063-01 There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

☐ Please provide to this office within 30 days of your receipt of this card

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A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 137212.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.

BETWEEN:

License Fee Management Branch, ARM  
and  
Regional Licensing Sections

: (FOR LFMS USE)  
: INFORMATION FROM LTS  
: -----  
:  
: Program Code: 02121  
: Status Code: 0  
: Fee Category: 3E 7C  
: Exp. Date: 20110731  
: Fee Comments: \_\_\_\_\_  
: Decom Fin Assur Req'd: N  
: ::::::::::::::::::::::::::::::::::::::

LICENSE FEE TRANSMITTAL

A. REGION I

1. APPLICATION ATTACHED

Applicant/Licensee: CHILDREN'S HOSP. OF THE KING'S DAUG  
Received Date: 20050613  
Docket No: 3020229  
Control No.: 137212  
License No.: 45-23063-01  
Action Type: Amendment

2. FEE ATTACHED

Amount: /  
Check No.: /

3. COMMENTS

Signed Rebecca J. Ford  
Date 6/24/2005

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered /\_\_/)

1. Fee Category and Amount: \_\_\_\_\_

2. Correct Fee Paid. Application may be processed for:

Amendment \_\_\_\_\_  
Renewal \_\_\_\_\_  
License \_\_\_\_\_

3. OTHER \_\_\_\_\_  
\_\_\_\_\_

Signed \_\_\_\_\_  
Date \_\_\_\_\_