



Gamma Corporation

850 West Hind Drive #214, Honolulu, HI 96821

FACSIMILE COVER PAGE

To: Jacqueline Cook

From: Ron Frick

Fax #: 18178608263

Fax #: 808-373-7017

Company: U.S.N.R.C.

Tel #: 808-373-7009

Subject: The Cancer Center of Hawaii

Sent: 11/6/2006 at 9:38:18 AM

Pages: 9 (including cover)

MESSAGE:

Re: License No. 53-27797-01

License amendment to add Ahmed Aly as Authorized Medical Physicist for HDR.

The following is a revision to Form 313A for Ahmed Aly. Exact dates have been included in section 6a. This supplements the information provided in our fax dated September 27, 2006.

Please contact me at 808-282-0169 if you require additional information. Thank you.

11/05/2006 18:35 FAX 80854765

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002/009

NRC FORM 313A (10-2005)	U.S. NUCLEAR REGULATORY COMMISSION MEDICAL USE TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION	APPROVED BY OMB: NO. 3150-0120 EXPIRES: 10/31/2008
PART I -- TRAINING AND EXPERIENCE		
Note: Descriptions of training and experience must contain sufficient detail to match the training and experience criteria in the applicable regulation (10 CFR Part 35)		
1. Name of Individual, Proposed Authorization (e.g., Radiation Safety Officer), and Applicable Training Requirements (e.g., 10 CFR 35.50) <div style="border: 1px solid black; padding: 5px; min-height: 40px;"> Ahmed Aly </div>		
2. For Physicians, Podiatrists, Dentists, Pharmacists -- State or Territory Where Licensed <div style="border: 1px solid black; height: 40px;"></div>		
3. CERTIFICATION		
a. Provide a copy of the board certification. (Stop here if applying under 10 CFR Part 35, Subpart J or 35.590(a); continue if applying under other subparts.) b. Provide documentation in appropriate items 4 through 10 of training or clinical case work required by 35.50(e); 35.51(c); 35.290(c)(1)(ii)(G) for AU seeking 35.200 authorization; 35.390(b)(1)(ii)(G); 35.396(d)(1) and 35.396(d)(2); 35.590(c); or 35.690(c). c. Provide completed Part II Preceptor Attestation, Items 11a through 11d. Stop here after completing items 3a, 3b, and 3c when using board certification to meet 10 CFR Part 35 training and experience requirements.		
4. INDIVIDUALS IDENTIFIED ON A LICENSE OR PERMIT AS RADIATION SAFETY OFFICERS (RSO), AUTHORIZED USERS (AU), AUTHORIZED MEDICAL PHYSICISTS (AMP), OR AUTHORIZED NUCLEAR PHARMACISTS (ANP) SEEKING ADDITIONAL AUTHORIZATIONS		
a. Provide a copy of the license or broadscope permit listing the current authorization and (b) or (c) b. Complete items 6c (and 10 when training is provided by an RSO, AMP, ANP, or AU) and preceptor items 11b through 11d to meet requirements for: RSO in 35.50(c)(2) or 35.50(e); or AU in 35.290(c)(1)(ii)(G) or 35.390(b)(1)(ii)(G) or 35.590(c) or 35.690(c); or AMP under 35.51(c). c. Complete items 5, 6a, 6b, 10, and Preceptor items 11a through 11d to meet AU requirements in 35.396(a).		
5. DIDACTIC OR CLASSROOM AND LABORATORY TRAINING (optional for Medical Physicists)		
Description of Training	Location	Clock Hours
Radiation Physics and Instrumentation		
Radiation Protection		
Mathematics Pertaining to the Use and Measurement of Radioactivity		
Radiation Biology		
Chemistry of Byproduct Material for Medical Use		
OTHER		

11/05/2006 18:36 FAX 8085476500

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003/009

NRC FORM 313A (10-2005)		U.S. NUCLEAR REGULATORY COMMISSION			
MEDICAL USE TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)					
6a. WORK OR PRACTICAL EXPERIENCE WITH RADIATION					
Description of Experience	Name of Supervising Individual(s)	Location and Corresponding Materials License Number	Dates and/or Clock Hours of Experience		
Full time training	Dr. Ibrahim Abdulhay	Genesys Hurley cancer Institute. license # 21-32322-01	05/01/2004 - 09/30/2005		
Full time work experience	Mr. Quan Nguyen	The Cancer center of Hawaii license # 53-27797-01	10/10/2005 - 9/30/2006		
Full time work experience	Dr. Ibrahim Abdulhay	The Cancer center of Hawaii license # 21-32322-01	10/01/2006 - Now		
6b. SUPERVISED CLINICAL CASE EXPERIENCE (describe experience elements in 6a)					
Radionuclide	Type of Use	No. of Cases Involving Personal Participation	Name of Supervising Individual	Location and Corresponding Materials License Number	Dates and/or Clock Hours of Experience
Ir- 192	HDR- Cylinder	4	Dr. Ibrahim Abdulhay	GHCI # 21-32322-01	May04 -Sept.05
Ir- 192	HDR- Tandem & Avoid	3	Dr. Ibrahim Abdulhay	GHCI # 21-32322-01	May04 -Sept.05
Ir- 192	HDR-Lung	1	Dr. Ibrahim Abdulhay	GHCI # 21-32322-01	May04 -Sept.05
Ir- 192	HDR-Tongue	1	Dr. Ibrahim Abdulhay	GHCI # 21-32322-01	May04 -Sept.05
Ir- 192	HDR- Cylinder	9	Mr. Quan Nguyen	CCH # 53-27797-01	Oct.05 -Oct. 06
Ir- 192	HDR- Tandem & Avoid	7	Mr. Quan Nguyen	CCH # 53-27797-01	Oct.05 -Oct.06
Ir- 192	HDR- Tandem & Ring	1	Mr. Quan Nguyen	CCH # 53-27797-01	Oct.05 -Oct.06
Ir- 192	HDR- MammoSite	10	Mr. Quan Nguyen	CCH # 53-27797-01	Oct.05 -Oct.06

11/05/2006 18:37 FAX 8085476500

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004/009

NRC FORM 313A (10-2005)		U.S. NUCLEAR REGULATORY COMMISSION	
MEDICAL USE TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)			
6c. TRAINING FOR SECTIONS 35.50(e), 35.51(c), 35.590(c), or 35.690(c)			
Training Element	Type of Training *	Location and Dates	
HDR Nucletron Equipment	Authorized Medical Physicist	Genesys Hurley cancer Institute. May 04 - September 05	
HDR Nucletron Equipment	Authorized Medical Physicist	The Cancer center of Hawaii October 05 - Now	

* Types of training may include supervised (complete item 10 for 35.50(e), 35.51(c), and 35.690(c)), didactic, or vendor training.

7. FORMAL TRAINING Physicians (for uses under 35.400 and 35.600) and Medical Physicists			
Degree, Area of Study or Residency Program	Name of Program and Location with Corresponding Materials License Number	Dates	Name of Organization that Approved the Program (e.g., Accreditation Council for Graduate Medical Education) and the Applicable Regulation (e.g., 10 CFR 35.490)

8. RADIATION SAFETY OFFICER (RSO) -- ONE-YEAR FULL-TIME EXPERIENCE

☐ YES Completed 1 year of full-time radiation safety experience (in areas identified in item 6a) under supervision.

☐ N/A of _____ the RSO for License No. _____

9. MEDICAL PHYSICIST -- ONE-YEAR FULL-TIME TRAINING/WORK EXPERIENCE

☒ YES Completed 1 year of full-time training (for areas identified in item 6a) in therapeutic radiological physics (35.961) or medical physics (35.51) under the supervision of Dr. Ibrahim Abdulhay
who is a medical physicist (35.961) or meets requirements for Authorized Medical Physicists (35.51);

and

☒ YES Completed 1 year of full-time work experience (at location providing radiation therapy services described and for topics identified in item 6a) for (specify use or device) HDR Nucletron
under the supervision of Quan Nguyen / Ibrahim Abdulhay who is a medical physicist (35.961) or meets requirements for Authorized Medical Physicists (35.51) (specify use or device) HDR Nucletron

11/05/2006 18:37 FAX 8085476500

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005/009

NRC FORM 313A
(10-2005)

U.S. NUCLEAR REGULATORY COMMISSION

MEDICAL USE TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)

10. SUPERVISING INDIVIDUAL -- IDENTIFICATION AND QUALIFICATIONS

The training and experience indicated above was obtained under the supervision of (if more than one supervising individual is needed to meet requirements in 10 CFR Part 35, provide the following information for each):

A. Name of Supervisor

Dr. Ibrahim Abdulhay

B. Supervisor is:

☐

Authorized User

☒

Authorized Medical Physicist

☐

Radiation Safety Officer

☐

Authorized Nuclear Pharmacist

C. Supervisor meets requirements of Part 35, Section(s) 51

for medical uses in Part 35, Section(s) 600

D. Address

Genesys Hurley cancer Institute.
302 Kensington
Flint, MI 48503

E. Materials License Number

license # 21-32322-01

PART II -- PRECEPTOR ATTESTATION

Note: This part must be completed by the individual's preceptor. If more than one preceptor is necessary to document experience, obtain a separate preceptor statement from each. This part is not required to meet training requirements in 35.590 or Part 35, Subpart J (except 35.980).

I attest the individual named in Item 1:

11a.

☒

has satisfactorily completed the requirements in Part 35, Section(s) and Paragraph(s) b (1) & c
as documented in section(s) 6 (a&b) of this form.

11b. Select one

☐

meets the requirements in ☐ 35.50(e) ☒ 35.51(c) ☐ 35.390(b)(1)(ii)(G) ☐ 35.690(c) for
types of use, as documented in section(s) 6 c of this form.

☐ N/A

11c.

☐

has achieved a level of competency sufficient to independently operate a nuclear pharmacy (for 35.980); **or**

☒

has achieved a level of competency sufficient to function independently as an authorized
Medical Physicist for HDR nucletron uses (or units); **or**

☐

has achieved a level of radiation safety knowledge sufficient to function independently as a Radiation Safety
Officer for a medical use licensee; **or**

☐ N/A

11d.

☐

I am an Authorized Nuclear Pharmacist; **or** ☐ I am a Radiation Safety Officer; **or**

☒

I meet the requirements of 35.51 section(s) of 10 CFR Part 35

or equivalent Agreement State requirements to be a preceptor ☐ AU or ☒ AMP

for the following byproduct material uses (or units): HDR nucletron

A. Address

Genesys Hurley cancer Institute.
302 Kensington
Flint, MI 48503

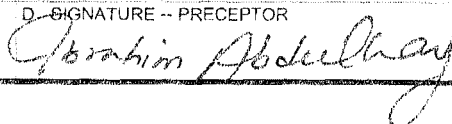
B. Materials License Number

license # 21-32322-01

C. NAME OF PRECEPTOR (print clearly)

Dr. Ibrahim Abdulhay

D. SIGNATURE -- PRECEPTOR



E. DATE

11/6/06

11/05/2006 18:38 FAX 8085476500

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006/009

November 6, 2006

To Whom It May Concern:

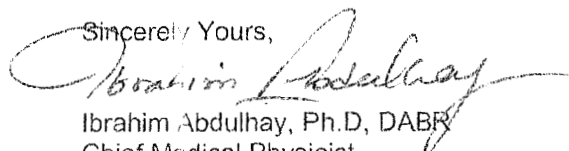
This is to inform you about Mr. Ahmed Aly duties as a Medical Physicist at Genesys Hurley Cancer Institute from May 1, 2004 to September 30, 2005. He was involved in all aspect of Radiation Oncology duties such as equipment calibration, quality assurance and dosimetry calculation.

In our HDR program, Mr. Aly was involved in calibration of the Ir-192 source, computer treatment planning for different applicators, quality assurance and radiation survey before and after treatment under the supervision of an authorized Medical Physicist.

Mr. Aly has been working full-time at the Cancer Center of Hawaii in Honolulu since October 10, 2005 under the supervision of Mr. Quan Nguyen. From October 1, 2006 to November 6, 2006 he has been working under my supervision at the Cancer Center of Hawaii for the HDR.

If more information is still required at the time, please feel free to contact me at (810) 762-8490.

Sincerely Yours,



Ibrahim Abdulhay, Ph.D, DABR
Chief Medical Physicist
License # 21-32322-01

11/05/2006 18:39 FAX 80854765

CANCER TRMT CTR HI

007/009

Cancer Center of Hawaii
2226 Liliha Street
Level B2
Honolulu, HI 96817

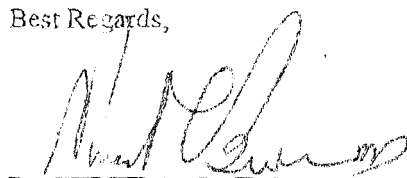
September 20, 2006

Dear Sir/Madam:

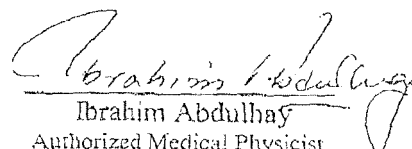
Mr. Ahmed M. Aly, Medical Physicist, MS, has been working in the Cancer Center of Hawaii for the past year. Beginning in October of 2005, Mr. Aly duties involved daily, monthly and annual QA calibration of the 2300CD Varian linear accelerator and HDR Nucletron equipment. Mr. Aly was involved in HDR planning using PLATO Brachytherapy software and delivering for our HDR cases under the supervision of Mr. Quan Nguyen (Authorized Brachytherapy Medical Physicist) such as MammoSite, Cylinder and Tandem & Avoid. Mr. Aly's work experience included sealed source leak tests, decay calculations, full calibrations, spot checks of HDR, surveys around HDR's and inventories.

It is my opinion that Mr. Aly has sufficient experience in HDR training.

Best Regards,



Dr. Vincent Brown
Authorized User
Director of the Medical Program
Cancer Center of Hawaii



Ibrahim Abdulhay
Authorized Medical Physicist
Chief Medical Physicist, Ph.D, DABR

11/05/2006 18:39 FAX 8085476500

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008/009

Warner State University

Upon the recommendation of
the Graduate Faculty of the School of Agriculture
the Board of Governors hereby confers upon

Alfred M. Ali
the degree

Master of Science
with a Major in Agricultural Physics

In recognition of the achievement specified on this degree

May 5, 2005

Deputy, Registrar



Handwritten signature
President

Handwritten signature
Secretary, Board of Governors

11/05/2006 18:40 FAX 80854765

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009/009

000463435 Ahmed M. Aly
Sep 15, 2006 12:59 pm

Display Transcript

Institution Credit Transcript Totals

Transcript Data

STUDENT INFORMATION

Name : Ahmed M. Aly

Curriculum Information

Current Program

College: School of Medicine

Major and Department: Radiological Physics, Radiology

DEGREES AWARDED

Degree Sought: Master of Science Degree Date:

Curriculum Information

Primary Degree

College: School of Medicine

Major: Radiological Physics

Degree Awarded: Master of Science Degree Date: May 05, 2005

Curriculum Information

Primary Degree

College: School of Medicine

Major: Radiological Physics