

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.

Page 2 of 9

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U.S. NUCLEAR REGULATORY COMMISSION

10-2005

MEDICAL USE TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION

APPROVED BY OMB: NO. 3150-0120 EXPIRES: 10/31/2008

PART I -- TRAINING AND EXPERIENCE

Descriptions of training and experience must contain sufficient detail to match the training and experience Note: 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)

Ahmed Aly

2. For Physicians, Podiatrists, Dentists, Pharmacists -- State or Territory Where Licensed

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.)
- 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).
- 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	Dates of Training			
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	1100 HFF 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		· · · · · · · · · · · · · · · · · · ·			

NRC FORM 313A (10-2005)

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NRC FORM 31 (10-2005)	I3A MEDICAL USE TRAINING	AND EXPERI	ENCE AND PRECEPTO	U.S. NUCLEAR REGULA OR ATTESTATION (conti		
		AND THE PARTY OF T	CAL EXPERIENCE WIT			
De	escription of Experience		Name of Supervising Individual(s)	Location and Corresponding Materials License Number	Dates and/o Clock Hours of Experience	
	Full time training		Dr. Ibrahim Abdulhay	Genesys Hurley cancer Institute. license # 21-32322-01	05/01/2004 - 09/30/2005	
F	ull time work experience		Mr. Quan Nguyen	The Cancer center of Hawaii license # 53-27797-01	10/10/2005 - 9/30/2006	
F	ull time work experience		Dr. lbrahim Abdulhay	The Cancer center of Hawaii license # 21-32322-01	10/01/2006 - Now	
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PROTECTION AND AND AND AND AND AND AND AND AND AN						
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	6b. SUPERVISED CLIN	ICAL CASE EX	(PERIENCE (describe	experience elements in (Sa)	
Radionuclic	de 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	FOR- Cylinder	4	Dr. Ibrahim Abdulhay	GHCI #21-32322-01	May04 -Sept.05	
lr- 192	ROR- Tandem & Avoid	3	Dr. Ibrahim Abdulhay	GHCI #21-32322-01	May04 -Sept.05	
lr- 192	HDR-Lung	1	Dr. Ibrahim Abdulhay	GHCI #21-32322-01	May04 -Sept.05	
Ir- 192	HOR-Tongue	1	Dr. Ibrahim Abdulhay	GHCI #21-32322-01	May04 -Sept.05	
ir- 192	HOR- Cylinder	9	Mr. Quan Nguyen	CCH #53-27797-01	Oct.05 -Oct. 06	
lr- 192	HDR- Tandem & Avoid	7	Mr. Quan Nguyen	CCH #53-27797-01	Oct.05 -Oct.06	
lr- 192	HDR- Tandem & Ring	1	Mr. Quan Nguyen	CCH #53-27797-01	Oct.05 -Oct.06	
lr- 192	HER- MammoSite	10	Mr. Quan Nguyen	CCH #53-27797-01	Oct.05 -Oct.06	

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	OC. 110	WHAHACE L.	FOR SECTIONS 35	3.50(e), 35.51(c)	.), aa.aa	10(C), O1 33.080(C)
	Training Element	According to 188 Hillings	PRINCIPAL SERVICE AND ADMINISTRATION OF SERVICE AND ADMINISTRATIONS OF SERVICE AND ADMINISTRATION OF SERVICE AND ADMINISTRATIO	Training *		Location and Dates
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HUK Muc	cletron Equipment		Authorized Medic	cal Physicisi	May	y 04 - September 05
HDR Nuc	cletron Equipment	en et plant och stille och et av et e	Authorized Medic	ral Physicist	The	Cancer center of Hawaii
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Types of vendor tra		supervis	ed (complete item	10 for 35.50(e),	, 35.51(c	(c), and 35.690(c)), didactic, or
7. FOR	RMAL TRAINING	Physici	ans (for uses unc	der 35.400 and	35.600)) and Medical Physicists
Degree, Area of Study or Residency Program		Loc Cor N	of Program and ocation with orresponding Dates Materials eense Number			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)
	E. RADIATI	ON SAFE	TY OFFICER (RS	O) ONE-YEA	R FULL	L-TIME EXPERIENCE
YES	Completed 1 year	of full-tim	ne radiation safety	experience (in a	areas id	dentified in item 6a) under supervison.
N/A	of		and the second s	the RSO for Lice	ense N	0.
High street and the second	9. MEDICAL	PHYSICI	ST ONE-YEAR !	FULL-TIME TR	AINING	G/WORK EXPERIENCE
] YES						in therapeutic radiological physics
N/A	(35.961) or medica	al physics	s (35.51) under the	supervision of	Dr. Ib	brahim Abdulhay
-	who is a medical p) hysicist:	35.961) or meets r	equirements for	Author	rized Medical Physicists (35.51);
			а	and		
YES N/A	Completed 1 year and for topics ider	of full-tim	ne work experience tem 6a) for (specify	: (at location pro v use or device)	viding r HDF	radiation therapy services described R Nucletron
_] '``'						medical physicist (35.961) or meets

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MEDICAL USE TRAINING AND EXPENIENCE 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 individuals is necical or most requirements in 10 CFR Part 35, provide the following information for each): A. Name of Supervisor B. Supervisor is: Dr. Ibrahm Abdulhay Authorized User Radiation Safety Officer Authorized Muclear Pharmacist C. Supervisor meets requirements of Part 35, Section(s) 61 for medical uses in Part 35, Section(s) 500 D. Address Genesys -turely cancer institute. 302 Karan right Film, Mi < 3503 PART II - PRECEPTOR ATTESTATION Note: This part must be completed by the intilvidual's proceptor. If more than one preceptor is necessary to document experience, obtain a soparate preceptor statement from each. This part is not required to meet training requirements in 35.390 or Part 35, Subpart J (except 35.980). I attest the individual named in Item 1: 113. has smitisfactionly 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 he requirements in 35.50(e) 35.51(e) 35.390(b)(1)(iii)(G) 35.690(e) for MNA Uses of use as documented in section(s) 6 c. of this form. 11c. has achieved a level of completency sufficient to independently operate a nuclear pharmacy (for 35.980); OF has achieved a level of completency sufficient to function independently as a Radiation Safety Officer for a medical use licenses : OF 1 Am a Radiation Safety Officer; OF 1 Am a Radiation Safety Officer; OF 2 Immeditine 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 8 B. Materials License Number 6 Genesys Hufe cancer institute. 302 Kensingtor Dr. Brahm Abdulhay 1 Page CFF CR (pmi beach) D. Be(SNATURE - Page CFFT CR 1 M		RM 313A	U.S. NUCLEAR REGULATORY COMMISSION
The training and experience indicated above was obtained under the supervision of (if more than one supervising individual is neared to meet requirements in 10 CRP Part 35, provide the following information for each): A. Name of Supervisor B. Supervisor: Dr. Ibrahim Abdulhay Authorized User Radiation Sefety Officer Authorized Nuclear Pharmacist C. Supervisor meets requirements of Part 35, Section(s) 61 for medical uses in Part 35, Section(s) 800 D. Address Genesys Hurley cancer Institute. 302 Kens region Filmi, MI 49503 FART 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 schisfactorily completed the requirements in Part 35, Section(s) and Paragraph(s) b (1) & c as documented in section(s) 6 (4xb) of this form. 11b. Select one meets the requirements in 35,50(e) 35,51(e) 35,390(b)(1)(ii)(G) 35,690(c) for hypes of use, as documented in section(s) 6 (4xb) of this form. 11c. 11d. has achieved a level of competency sufficient to independently as an authorized Medical Physiciat for HDR nucletron uses (or units); OT has achieved a level of radiation safety knowledge sufficient to function independently as a Radiation Safety Officer for a medical use ticensee; OY NIA 11d. I am an Authorized Nuclear Pharmacist. OT are a Radiation Safety Officer; OF AMP for the following pyproduct material uses (or units): HDR nucletron A. Address B. Materials License Number Genesy 21-32322-01 C NAME OF PRECEPTOR (prior ceany) Description of the following pyproduct material uses (or units): HDR nucletron A. Address B. Materials License Number Genesy 21-32322-01 C NAME OF PRECEPTOR (prior ceany) Description of the following pyproduct material uses (or units): HDR nucletron A. Address B. Materials Lic	(10-2005)	MEDICAL USE TRAINING ANI	EXPERIENCE AND PRECEPTOR ATTESTATION (continued)
A. Name of Supervisor B. Supervisor B. Supervisor B. Supervisor B. Supervisor B. Supervisor Authorized Medical Physicist Radiation Safety Officer Authorized Nuclear Pharmacist C. Supervisor meets requirements of Part 35, Section(s) D. Address Genesys **Luray cancer Institute**, 302 Kens rigiton 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 requirement on them is supervisor for meet the individual named in Item 1: 11a. has smitisfactorily 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. Selection meets the requirements in [] 35,50(c) [] 35,51(c) [] 35,390(b)(1)(ii)(G) [] 35,690(c) for MIA types of use, as documented in section(s) ac meets the requirements in [] 35,50(c) [] 36,51(c) [] 36,390(b)(1)(ii)(G) [] 36,690(c) for MIA types of use, as documented in section(s) ac meets the requirements in [] 35,50(c) [] 36,51(c) [] 36,390(b)(1)(ii)(G) [] 36,690(c) for MIA types of use, as documented in section(s) ac meets the requirements of accompletency sufficient to independently operate a nuclear pharmacy (for 35,980); Of has achieved a level of competency sufficient to function independently as an authorized Medical Physicist has achieved a level of radiation safety knowledge sufficient to function independently as a Radiation Safety Officer; Of imeet the requirements of 35,51 section(s) of 10 CFR Part 35 or equivalent Agreement State requirements to be a proceptor AU or AMP for the following byproduct material uses (or units): HDR nucletron AU or AMP for the following byproduct material uses (or units): HDR nucletron E. DATE		10. SUPERVISING IN	DIVIDUAL IDENTIFICATION AND QUALIFICATIONS
Dr. Ibrat im Abdultay	The tra individu	ining and experience indicated above all is needed to meet requirements in	e was obtained under the supervision of (if more than one supervising 10 CFR Part 35, provide the following information for each):
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 -turiey cancer Institute. 302 Kens rigition Film, Mr. 43503 PART II - PRECEPTOR ATTESTATION Note: This pan 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 3 590 or Part 35, Subpart J (except 35, 980). I attest the individual named in Item 1: 11a. In as satisfactority 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 of this form. 11c. In as achieved a level of competency sufficient to independently operate a nuclear pharmacy (for 35,980); OF has achieved a level of competency sufficient to function independently as an authorized Medical Physiciat for hDR nucletron uses (or units); OF has achieved a level of radiation safety knowledge sufficient to function independently as a Radiation Safety Officer; OF I am a Radiation Safety Officer; OF I am a Radiation Safety Officer; OF 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 B. Materials License Number Genesy #21-32322-01 C. NAME OF PRECEPTOR (pant ocenty) Degradure - PRECEPTOR (pant ocenty)	Α.	Name of Supervisor	B. Supervisor is:
C. Supervisor meets requirements of Part 35, Section(s) 51 for medical uses in Part 35, Section(s) 800 D. Address Genesys *-turiey cancer institute. 302 Kenerington Film, Mil # 3503 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 35.390 or Part 35, Subpart J (except 35.380); I attest the individual named in Item 1: 11a. In as smitisfactority 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		Dr. Ibrahim Abdulhay	Authorized User Authorized Medical Physicist
for medic all uses in Part 35, Section(s) 600 D. Address Genesys -furiey cancer Institute. 302 Kens agion Filmt. MI 4503 PART II PRECEPTOR ATTESTATION			Radiation Safety Officer Authorized Nuclear Pharmacist
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Genesys -furiey cancer Institute. 302 Kere agion PIRI. Mr 4503 Note: This pain 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 pain is not required to meet training requirements in 35.590 or Part 35. Subpart J (except 35.980). I attost 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(e) 35.390(b)(1)(ii)(G) 35.690(c) for types of use, as documented in section(s) 6 c of this form. 11c. has achieved a level of competency sufficient to independently operate a nuclear pharmacy (for 35.980); Of has achieved a level of competency sufficient to function independently as an authorized Medical Physiciat for HDR nucletron uses (or units); Of has achieved a level of radiation safety knowledge sufficient to function independently as a Radiation Safety Officer for a medical use licensee ; Of NA 11d.		for medical uses in Part 35, Section	
Solections	D.	Address	E. Materials License Number
PART II PRECEPTOR ATTESTATION Note: This pair 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 pair is not required to meet training requirements in \$5.900 or Part 35, Subpart J (except 35.980). I attest the individual named in Item 1: 11a.			
Note: This pair 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 pair is not required to meet training requirements in 35.590 or Part 35, Subpart J (except 35.980). attest the indiv dual named in Item 1:			license # 21-32322-01
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). attest the individual named in Item 1:		and the second s	
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has satisfactorily completed the requirements in Part 35, Section(s) and Paragraph(s) 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. 11c. has achieved a level of competency sufficient to independently operate a nuclear pharmacy (for 35.980); Of has achieved a level of competency sufficient to function independently as an authorized Medical Physicist for HDR nucletron uses (or units); Of has achieved a level of radiation safety knowledge sufficient to function independently as a Radiation Safety Officer for a medical use licensee; Of N/A 11d. 1 am an Authorized Nuclear Pharmacist; Of Lam a Radiation Safety Officer; Of 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 Hurle : cancer Institute. 302 Kensingtor Flint, MI 48503 license # 21-32322-01 C. NAME OF PRECEPTOR (pmt dearly) Delicinature = PRECEPTOR	l .	st the indiv dual named in Item 1;	
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. 11c. has achieved a level of competency sufficient to independently operate a nuclear pharmacy (for 35.980); Of has achieved a level of competency sufficient to function independently as an authorized Medical Physicist for HDR nucletron uses (or units); Of has achieved a level of radiation safety knowledge sufficient to function independently as a Radiation Safety Officer for a medical use licensee; Of I am a Radiation Safety Officer; Of I am an Authorized Nuclear Pharmacist; Of I am a Radiation Safety Officer; Of I meet the requirements of 35.51 section(s) of 10 CFR Part 35 or equivalent Agreement State requirements to be a proceptor AU or AMP for the following byproduct material uses (or units): HDR nucletron A. Address B. Materials License Number Genesys Hurle / cancer Institute. 302 Kensingtor Flint, MI 48503 license # 21-32322-01 C. NAME OF PRECEPTOR (print clearly) DB(SNATURE PRECEPTOR E, DATE		has satisfactorily completed the r	equirements in Part 35, Section(s) and Paragraph(s) b (1) & c ,
meets the requirements in 35.50(e) 35.51(c) 35.390(b)(1)(ii)(iG) 35.690(c) for types of use, as documented in section(s) 6 c of this form. 11c.		as documented in section(s) 6 (a	&b) of this form.
N/A types of use, as documented in section(s) 6 c of this form. 11c.	11b. 8	Select one	•••••••••••••••••••••••••••••••••••••••
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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 AU or AMP for the following byproduct material uses (or units): HDR nucletron A. Address Genesys Hurle / cancer Institute. 302 Kensingtor Flint, MI 48503 license # 21-32322-01 C. NAME OF PRECEPTOR (print cearly) D. BIGNATURE - PRECEPTOR E. DATE	□ N/		ection(s) 6 c of this form.
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 B. Materials License Number Genesys Hurle / cancer Institute. 302 Kensingtor Flint, MI 48503 license # 21-32322-01 C. NAME OF PRECEPTOR (print clearly) D_BIGNATURE - PRECEPTOR	11c.		
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; Of N/A 11d. I am an Authorized Nuclear Pharmacist; Of I am a Radiation Safety Officer; Of 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 B. Materials License Number Genesys Hurle / cancer Institute. 302 Kensingtor Flint, MI 48503 license # 21-32322-01 C. NAME OF PRECEPTOR (print ciearly) DBIGNATURE - PRECEPTOR E. DATE		has achieved a level of competer	ncy sufficient to independently operate a nuclear pharmacy (for 35.980); Or
Officer for a medical use licensee; Of N/A 11d. I am an Authorized Nuclear Pharmacist; Of I meet the requirements of 35.51 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 Hurle; cancer Institute. 302 Kensingtor Flint, MI 48503 license # 21-32322-01 C. NAME OF PRECEPTOR (print clearly) D. GIGNATURE - PRECEPTOR E. DATE		has achieved a level of competer Medical Physicist	ncy sufficient to function independently as an authorized for HDR nucletron uses (or units); 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 B. Materials License Number Genesys Hurle / cancer Institute. 302 Kensingtor Flint, MI 48503 license # 21-32322-01 C. NAME OF PRECEPTOR (print clearly) D. €IGNATURE PRECEPTOR		has achieved a level of radiation	safety knowledge sufficient to function independently as a Radiation Safety
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 B. Materials License Number Genesys Hurle / cancer Institute. 302 Kensingtor Flint, MI 48503 license # 21-32322-01 C. NAME OF PRECEPTOR (print clearly) D_SIGNATURE → PRECEPTOR E. DATE			e; or
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 B. Materials License Number Genesys Hurle / cancer Institute. 302 Kensingtor Flint, MI 48503 license # 21-32322-01 C. NAME OF PRECEPTOR (print clearly) D-BIGNATURE PRECEPTOR E. DATE		4	
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 Hurle / cancer Institute. 302 Kensingtor Flint, MI 48503 [icense # 21-32322-01] C. NAME OF PRECEPTOR (print clearly) D. BIGNATURE PRECEPTOR E. DATE		Lam an Authorized Nuclear Pharma	cist; or I am a Radiation Safety Officer; or
for the following byproduct material uses (or units): HDR nucletron A. Address Genesys Hurle / cancer Institute. 302 Kensingtor Flint, MI 48503 Genesy # 21-32322-01 C. NAME OF PRECEPTOR (print clearly) D. D. D. GINATURE PRECEPTOR E. DATE	V	I meet the requirements of 35.51	section(s) of 10 CFR Part 35
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A. Address Genesys Hurle / cancer Institute. 302 Kensingtor Flint, MI 48503 C. NAME OF PRECEPTOR (print clearly) B. Materials License Number B. Materials License Number Genesys Hurle / cancer Institute. Genesys Hurle / cancer Institute.		for the following byproduct material	uses (or units): HDR nucletron
302 Kensingtor Flint, MI 48503 license # 21-32322-01 C. NAME OF PRECEPTOR (print clearly) DBIGNATURE PRECEPTOR E. DATE	A. Ad		
Flint, MI 48503 license # 21-32322-01 C. NAME OF PRECEPTOR (print clearly) DBIGNATURE PRECEPTOR E. DATE			
			license # 21-32322-01
Dr. Ibrahim Abdulhay (brahim Abdeelhay 11/6/06	C. NAME	OF PRECEPTOR (print clearly)	D-GIGNATURE PRECEPTOR E. DATE
	Dr.	Ibrahim Abdulhay	Gorahin Abdullay 11/6/06

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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) 762-8499.

Sincerely Yours, bodulla

Ibrahim Abdulhay, Ph.D, DABRY

Chief Medical Physicist

License # 21-32322-01

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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 Hawa i 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 Nucleiron 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 MarumoSite, 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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Secretary, Board of Courseurs

Date: 11/6/2006 Time: 9:38:22 AM

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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 Degrae

College:

School of Medicine

Major:

Radiological Physics