

DEPARTMENT OF THE ARMY

WESTERN REGIONAL MEDICAL COMMAND AND MADIGAN ARMY MEDICAL CENTER TACOMA, WASHINGTON 98431-1100

September 3, 2008

RECEIVED

U.S. Nuclear Regulatory Commission, Region IV Nuclear Materials Licensing Section 611 Ryan Plaza Drive, Suite 400 Arlington, Texas 76011-8064

DNMS

Dear Sir or Madam:

Request that NRC License 46-02645-03 be amended with the following changes: Add Dr. Yang-En Kao as an Authorized User under 10 CFR 35.100, 35.200, and 35.300, Items 6.E thru 6.KK as outlined on our current license. His respective preceptor attestation is enclosed.

Point of contact for this action is Captain Joshua Sperry, Radiation Safety Officer, commercial phone (253) 968-4300.

Sincerely,

Ronald J. Place

Colonel, U.S. Army

Deputy Commander for Clinical Services Chairman, Radiation Control Committee

Enclosure

- 1. NRC Form 313A (Dr. Yang-En Kao)
- 2. Preceptorship Statement and workload (Dr. Yang-En Kao)

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)

 Name of Individual, Proposed Authorization (e.g., Radiation Safety Officer), and Applicable Training Requirements (e.g., 10 CFR 35.50)

Yang-En Kao

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

3. CERTIFICATION

- 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).
- 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 National Naval Medical Center Radiation Physics and National Naval Medical Center Radiation Physics and National Naval Medical Center Radiation Physics and

Instrumentation	8901 Wisconsin Avenue Bethesda, MD 20889-5600		
Radiation Protection	Same as above	16	Same as above
Mathematics Pertaining to the Use and Measurement of Radioactivity	Same as above	6	Same as above
Radiation Biology	Same as above	20	Same as above
Chemistry of Byproduct Material for Medical Use	Same as above	15	Same as above
OTHER NRC Regulations,	Same as above	5	Same as above

NRC FORM 313A (10-2005)

Nuclear Indident Management

PRINTED ON RECYCLED PAPER

NRC FORM 313A (10-2005) MED	CAL USE TRAININ	IG AND EXPERIE	NCE AND PRECEPT(U.S. NUCLEAR REGULAT OR ATTESTATION (contin	
	6a. WO	RK OR PRACTIC/	AL EXPERIENCE WIT	TH RADIATION Location and	Dates and/or
Descri	iption of Experience	8	Name of Supervising Individual(s)	Corresponding Materials License Number	Clock
N/A					
6b	. SUPERVISED CL		PERIENCE (describe	experience elements in 6	
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
N/A					
			· · · · · · · · · · · · · · · · · · ·		
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				1	

NRC FORM (10-2005)		AINING /	AND EXPERIEN	ICE AND PRECEPTO	U.S. NUCLEAR REGULATORY COMMISSION ATTESTATION (continued)
				35.50(e), 35.51(c), 35.	
	Training Element		Type of	of Training *	Location and Dates
N/A					
* Types of vendor tra		supervise	ed (complete iter	m 10 for 35.50(e), 35.5	51(c), and 35.690(c)), didactic, or
7. FOF	RMAL TRAINING	Physicia	ans (for uses นเ	nder 35.400 and 35.6	00) and Medical Physicists
_	e, Area of Study or dency Program	Loc Corr M	of Program and cation with responding Materials nse 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. RADIATIO	N SAFE	TY OFFICER (R	SO) ONE-YEAR FU	JLL-TIME EXPERIENCE
YES	Completed 1 year o	of full-time	e radiation safet	y experience (in areas	s identified in item 6a) under supervison.
✓ N/A	of	 -		the RSO for License) No
	9. MEDICAL P	HYSICIS	ST ONE-YEAR	R FULL-TIME TRAININ	NG/WORK EXPERIENCE
YES N/A	Completed 1 year o (35.961) or medical	of full-time I physics (e training (for are (35.51) under the	eas identified in item 6a	Sa) in therapeutic radiological physics
_	who is a medical ph	ysicist (3	35.961) or meets	; requirements for Auth	horized Medical Physicists (35.51);
			1	and	
YES N/A	Completed 1 year of and for topics identif				ng radiation therapy services described
استاد	under the supervision				a medical physicist (35.961) or meets
	requirements for Au	thorized I	Medical Physicis	sts (35.51) (specify use	a or device)

NRC FO (10-2005)	RM 313A MEDICAL USE TRAINING A	AND EXPERIENCE AND PRECEF		tinued)
	10. SUPERVISING	INDIVIDUAL IDENTIFICATION	AND QUALIFICATIONS	
The tra	ining and experience indicated aboual is needed to meet requirements	ove was obtained under the super s in 10 CFR Part 35, provide the fo	vision of (if more than one a following information for eac	supervising h) :
A.	Name of Supervisor	B. Supervisor is:		
		Authorized User	Authorized Medic	cal Physicist
		Radiation Safety Office	cer Authorized Nucle	ear Pharmacist
C.	Supervisor meets requirements of	of Part 35, Section(s)		•
	for medical uses in Part 35, Section	on(s)		•
D.	Address		E. Materials License	∍ Number
Note:	This part must be completed by the	PART II - PRECEPTOR ATTEST. he individual's preceptor. If more	than one precentor is neces	ssary to document
	experience, obtain a separate pre requirements in 35.590 or Part 35	eceptor statement from each. This	s part is not required to mee	et training
	st the individual named in Item 1:			
11a.	has satisfactorily completed the	e requirements in Part 35, Section	(s) and Paragraph(s) N/A	
لسسا	as documented in section(s)	of this form.		
		35.50(e) 35.51(c) 35.390	(b)(1)(ii)(G)	or
√ N/	types of use, as documented in	n section(s) of	this form.	
11c.		······································	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,
	- has achieved a level of compet	tency sufficient to independently o	perate a nuclear pharmacy	(for 35.980); O l
	has achieved a level of compet	tency sufficient to function indeper	ndently as an authorized	
		for	uses (or units);	or
	has achieved a level of radiatio	on safety knowledge sufficient to fu	unction independently as a	Radiation Safety
√ N//	Officer for a medical use licens	ee ; Or		
11d.				
	I am an Authorized Nuclear Pharm	nacist; or	on Safety Officer; O	
\checkmark	I meet the requirements of 57,59,1	190,290,390,392,394 and 396 sect	ion(s) of 10 CFR Part 35	
	or equivalent Agreement State req	uirements to be a preceptor	AU or AMP	
	for the following byproduct materia	al uses (or units): 35.100, 35.200 a	nd 35.300	
A. Add	************		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	ionial Naval Medical Center		B. Materials License Nu	mber
890	1 Wisconsin Avenue			I
Bet	hesda, MD 20889-5600		19-00168-21NP	ĺ
. NAME	OF PRECEPTOR (print clearly)	D. SIGNATURE PRECEPTOR	E. DA	TE
Willia	m M. Yudt, M.D.	Willem M. Ux	ø ታ ላሌ ነ 📗 🖂	/09/2007



DEPARTMENT OF THE ARMY WALTER REED ARMY MEDICAL CENTER WALTER REED HEALTH CARE SYSTEM WASHINGTON, DC 20307-5001

REPLY TO ATTENTION OF:

MEMORANDUM FOR RECORD

04 JUNE 08

SUBJECT: SUMMATIVE EVALUATION OF MAJ YANG-EN KAO, MD

MAJ Yang-En Kao, MD, served as a fellow in the National Capital Consortium Nuclear Medicine Fellowship Program from 01 JUL 07 TO 30 JUN 08. A final composite summary evaluation was prepared in June 2008 by reviewing the independent evaluations submitted by each full-time member of the faculty. The composite opinion of the faculty, with concurrence of the Program Director, is that MAJ Kao performed at the "outstanding" level in all of the following categories: patient care, medical knowledge, practice-based learning, interpersonal and communication skills, professionalism, and system-based learning.

Attached is a copy of MAJ Kao's final "Work History Statement" showing the number of each Nuclear Medicine study performed by Dr. Kao during his fellowship training, with additional logs of cardiac stress testing and radionuclide therapies. It is the judgment of the Program Director that Dr. Kao has attained proficiency in administering radioiodine therapies and cardiac stress testing.

Dr. Kao was generally regarded by the Nuclear Medicine staff as a well rounded fellow, exceptionally strong in every aspect of training, including patient care, procedures, teaching and research. His test scores and clinic performance place him at the top of his class.

The Program Director states unequivocally that Dr. Kao has demonstrated sufficient competence to enter practice without supervision as a nuclear medicine physician.

Sincerely,

Jennifer S. Jurgens, M.D.

LTC, MC, US Army

Director, Nuclear Medicine Fellowship

National Capital Consortium

	PREC	EPTOR STATEMENT		
Statement must be separate statemen	completed by the applicant physician's precent from each.	ptor. If more than one preceptor is n	ecessary to document experience, obtain a	
	SICIAN'S NAME AND ADDRESS (PRINT OR TYPE)		Y TO COLUMN C	
FULL NAME	 	PERSONAL I 1. Supervised examination of patients to dete	PARTICIPATION SHOULD CONSIST OF: emine the suitability for radionuclide diagnosis and/or treatment and	
MAJ Yang-En	Као	recommendation for prescribed dosage.		
STREET ADDRES 6900 Georgia		Colleboration is dose calibration and acturated rediation dose, related measurements and process.	al administration of dose to the patient including calculation of the lotting of data.	
CITY Washington D	ZIP CODE 20307-5001	3. Adequate period of training to enable physician to manage radioactive patients and follow patients through diagnosis and/or course of treatment.		
	2. CLINICAL TRAINING AN	DEXPERIENCE OF ABOVE NA	MED PHYSICIAN	
NUCLIDE	CONDITIONS DIAGNOSED OR TREATED	NUMBER OF CASES INVOLVING	COMMENTS (ADDITIONAL INFORMATION OR COMMENTS MAY BE	
A	В	PERSONAL PARTICIPATION	SUBMITTED IN DUPLICATE ON SEPARATE SHEETS.)	
·	DIAGNOSIS OF THYROID FUNCTION	52		
I-131	DETERMINATION OF BLOOD AND BLOOD PLASMA VOLUME	3		
OR	LIVER FUNCTION STUDIES	-		
I-125	FAT ABSORPTION STUDIES			
	KIDNEY FUNCTION STUDIES			
	IN-VITRO STUDIES			
OTHER				
1-125	DETECTION OF THROMBOSIS			
I-131	THYROID IMAGING		National Capital Consortium	
P-32	EYÉ TUMOR LOCALIZATION		Quality Assurance Document	
SE-75	PANCREAS IMAGING		10 USC 1102 Improper Release Subject	
YB-169	CISTERNOGRAPHY		to fines up to \$20,000	
XE-133	BLOOD FLOW STUDIES AND PULMONARY FUNCTION STUDIES	55	46. 4.6.62	
AEROSOL	PULMONARY FUNCTION STUDIES	1		
	BRAIN IMAGING	30	100% SPECT	
	CARDIAC IMAGING	1889		
	THYROID IMAGING	54		
	SALIVARY GLAND IMAGING			
Tc-99m	BLOOD POOL IMAGING	632	Gated cardiac blood pool, 7% exercise	
	PLACENTAL LOCALIZATION			
	LIVER AND SPLEEN IMAGING	41	10% SPECT	
	LUNG IMAGING	63		
	BONE IMAGING		AEN CREOT	
		916	15% SPECT	
OTHER Cr-51	RED CELL MASS / RBC SURVIVAL / SEQUESTRATION	3		

ADDENDUM TO CLINIC TRAINING AND EXPERIENCE

(Page 6, NRC-313m)

		(Page 6, NRC-313m)	
NUCLIDE	CONDITION DIAGNOSED/TREATED	NO. OF PERSONAL PARTICIPATION CASES	COMMENTS
99mTc	Cardiac Shunts	1	
_	CEA		
	Cystogram (Retrograde)	13	
	Defecography	3	
	Esophageal Clearance	5	
	Deep Vein Thrombosis (Accutech)		
	Gastric Emptying	50	
	Gastric Reflux	1	
	GFR	1	
	G.I. Bleed	9	
	Hemangioma (RBC)	9	SPECT
	Hepatobiliary	97	
-	Lymphoscintigraphy (HSA)	48	
	Meckels Imaging	3	
	Milk Aspiration	4	
			COOK Day Change CDECT
	Myocardial Perfusion	1771	22% Drug Stress, SPECT
	Parathyroid Peritoneal Shunts	35	<u> </u>
			FOR OPEOT
	Renal (Cortical)	37	50% SPECT
	Renal (Flow/Function)	65	40% Drug Intervention
	Scintomammography		
	Testicular		
	Tumor (Neotect, Mibi)		
	WBC (HMPAO) Infection		10% SPECT
⁶⁷ Ga	Infection/Tumor		65% SPECT
¹¹¹ In	WBC's Infection	34	10% SPECT
	CSF Flow	2	107001201
	Oncoscint (Tumor)		
	Octreoscan (Endo Tumor)	4	
	Prostascint	3	
	Zevalin		
123	Thyroid (Imaging)	2	
	Thyroid (Uptake)	2	
	MIBG Tumor	1	
	Thyroid (Imaging) N&C	17	
131]	Thursday No. 0		
.311	Thyroid (Imaging) N& C	42	<u> </u>
	Thyroid (Uptake) Dosimetry	4	
	MIBG Tumor		
	NP59 Adrenal		
89Sr	Metastron	-	
201 T	Myocardial (Stress/Rest)	890	30% Drug Stress, SPECT
	Whole Body		
	Brain	1	
¹⁵³ Sm	Quadramet	1	
57/58Co	Schillings Test		
18 F	Tumor Localization	621	

Preceptor Statement for: MAJ Yang-En Kao

Preceptor Nuclear Medicine

Walter Reed Army Medical Center Washington D.C.

Preceptor Statement for: MAJ Yang-En Kao

CLINICAL	 	CEPTOR (Continued)	(Continued)
	RAINING AND EXPERIENCE OF A		COMMENTS
NUCLIDE A	CONDITIONS DIAGNOSED OR TREATED B	NUMBER OF CASES INVOLVING PERSONAL PARTICIPATION C	(ADDITIONAL INFORMATION OR COMMENTS MAY BE SUBMITTED IN DUPLICATE ON SEPARATE SHEETS.)
P-32 (Soluble)	TREATMENT OF POLYCYTHEMIA VERA, LEUKEMIA AND BONE METASTASES		
P-32 (Colloidal)	INTRACAVITARY TREATMENT		
1-131	THYROID TREATMENT GREATER THAN 33 mCi (1.22 GBq)	11	
	THYROID TREATMENT LESS THAN OR EQUAL TO 33 mCl (1.22 GBq)	14	
Au-198	INTRACAVITARY TREATMENT		
Pd-103	INTERSTITIAL TREATMENT	-	
Co-60 or	INTERSTITIAL TREATMENT		
Ce-137	INTRACAVITARY TREATMENT		
I-125	INTERSTITIAL TREATMENT		
Ir-192	INTERSTITIAL TREATMENT		
	INTRACAVITARY TREATMENT		
	BRONCHIAL TREATMENT		
Co-60 or	TELETHERAPY TREATMENT		
Ce-137 Sr-90	TREATMENT OF EYE DISEASE		
	RADIOPHARMACEUTICAL PREPARATION		
Mo-99/ To-99m	GENERATOR		
Sn-113/ in-113m	GENERATOR		
To-99m	REAGENT KITS		
OTHER			
C-14	Urea Breath Test	13	
Y-90	Non-Hodgkins Lymphoma Treatment		
DATES AND	TOTAL NUMBER OF HOURS REC	SEIVED IN CLINICAL RADIO	ONLICLIDE TRAINING.
	2007 – 30 June 2008		
NAME OF SUPERVIS	AND EXPERIENCE INDICATED ABOVE INDER THE SUPERVISION OF:	6. PRECEPTOR SIGNATURE	/
TC Aaron L.		7. PRECEPTOR 'S NAME (Please type or	
Walter Reed Army Medical Center		Aaron L. Stack	•
o. MAILING AODRESS 6900 Georgia Ave. N.W.		LTC MC Chief, Nuclear Medicin	e Service
d. CITY	e. STATE 1. ZIP	8. DATE	
Vashington	D.C. 20307-5001	30 June 08	

¹³¹Iodine Thyroid Therapy Greater Than 33 mCi (1.22 gigabecquerels) Nuclear Medicine Service Preceptor Statement for: MAJ Yang-En Kao

DTG	Dosage (mCi)	Preceptor
7-9-07	182	MAJ Derek Stocker
7-24-07	149.8	LTC Aaron Stack
7-30-07	251.7	LTC Jennifer Jurgens
11-5-07	161	MAJ Derek Stocker
11-26-07	193.6	LTC Sidney Hinds
12-4-07	236	LTC Aaron Stack
12-4-07	153	LTC Aaron Stack
1-14-08	160	LTC Sidney Hinds
3-10-08	161.2	LTC Sun Yong Kim
3-10-08	248	LTC Sun Yong Kim
5-5-08	253	LTC Aaron Stack

¹³¹Iodine Thyroid Therapy Less Than or Equal to 33 mCi (1.22 gigabecquerels) Nuclear Medicine Service

DTG	Dosage (mCi)	Preceptor
7-24-07	15.66	LTC Aaron Stack
8-9-07	32.2	LTC Sidney Hinds
9-24-07	31.1	LTC Jennifer Jurgens
12-5-07	19.88	LTC Sidney Hinds
12-7-07	33	LTC Sun Yong Kim
12-14-07	15.7	LTC Aaron Stack
1-17-08	15.57	LTC Sun Yong Kim
1-25-08	15.24	LTC Aaron Stack
2-8-08	15.85	LTC Sun Yong Kim
2-12-08	16.03	LTC Sun Yong Kim
3-6-08	15.74	LTC Aaron Stack
3-18-08	32.1	LTC Aaron Stack
4-15-08	16.09	LTC Sun Yong Kim
5-29-08	14.95	LTC Sun Yong Kim

Radionuclide Therapies (Other) Nuclear Medicine Service

DTG	Radionuclide Therapy and Dosage (mCi)	Preceptor
8-30-07	112.3 mCi Samarium	MAJ(P) Derek Stocker

30 Jun 2008 Date

Preceptor

AARON L. STACK LTC, MC

Chief, Nuclear Medicine Service

ACCEPTANCE REVIEW MEMO (ARM)

License No.: 46-02645-03

Army, Dept of (Madigan AMC)

Licensee:

Docket No.:	030-03368 Mail Control No.: 471953		
Type of Action: Amend		Date of Requested Action: 09-03-08	
Reviewer Assigned:		ARM reviewer(s): Cook	
Response	Deficien	cies Noted During Acceptance Review	
	 [] Open ended possession limits. Submit inventory. Limit possession. [] Submit copies of latest leak test results. [] Add IC L.C./Fingerprint LC, add SUNSI markings to license. [] Confirm with licensee if they have NARM material. 		
Reviewer's I	nitials:	Date:	
□Yes □No	Request for unrestric	cted release Group 2 or >. Consult with Bravo Branch.	
□Yes □No	Termination request	< 90 days from date of expiration	
□Yes □No	· · · · · · · · · · · · · · · · · · ·		
□Yes □No	TAR needed to comp	plete action.	
Branch Chi	ef's and/or HP's Initials:	Date:	
	· · · · · · · · · · · · · · · · · · ·		
,	SUNSI Screei	ning according to RIS 2005-31	
SUNSI Screening according to RIS 2005-31 Yes No Sensitive and Non-Publicly Available if any item below is checked General guidance: RAM = or > than Category 3 (Table 1, RIS 2005-31), use Unity Rule Exact location of RAM [suite #, bldg. #, location different from mailing address] (whether = or > than Category 3 or not) Design of structure and/or equipment (site specific) Information on nearby facilities Detailed design drawings and/or performance information Emergency planning and/or fire protection systems Specific guidance for medical, industrial and academic (above Category 3): RAM quantities and inventory Manufacturer's name and model number of sealed sources & devices Site drawings with exact location of RAM, description of facility RAM security program information (locks, alarms, etc.) Emergency Plan specifics (routes to/from RAM, response to security events) Vulnerability/security assessment/accident-safety analysis/risk assess			
	_Mailing lists related to se	ecurity response Date: SFP 1 8 2008	

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

9-03-08

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

There were no administrative omissions. Your application will be 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:

The action you requested is normally processed within

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

47/953

When calling to inquire about this action, please refer to this mail control number. You may call me at 817-860-8103.

Sincerely,

NRC FORM 532 (RIV) (10-2006)

Colleen Murnahan
Licensing Assistant

	:	(FOR LFMS USE) INFORMATION FROM LTS
BET	TWEEN:	
	icense Fee Management Branch, ARM and egional Licensing Sections	Program Code: 02120 Status Code: 0 Fee Category: 7C 3M EX 2B Exp. Date: 20101031 Fee Comments: NOT BROAD PER REGION V Decom Fin Assur Reqd: N
LI	CENSE FEE TRANSMITTAL	
Α.	. REGION	
1.	APPLICATION ATTACHED Applicant/Licensee: ARMY, DEPARTMENT Received Date: 20080915 Docket No: 3003368 Control No.: 471953 License No.: 46-02645-03 Action Type: Amendment	OF THE
2.	. FEE ATTACHED Amount: Check No.:	
3.	. COMMENTS Signed <u>of</u> Date <u>f</u>	Ween Nurnahan
В.	. LICENSE FEE MANAGEMENT BRANCH (Check wh	nen milestone 03 is entered //)
1.	. Fee Category and Amount:	
2.	Correct Fee Paid. Application may be Amendment Renewal License	processed for:
3.	. OTHER	
	Signed Date	

Command Madigan

Attn: MCHJ-PVR (Health Physics)

Tacoma, WA 98431-5000

U.S. Nuclear Regulatory Commission Region IV Nuclear Licensing Section 611 Ryan Plaza Drive, Suite 400 Arlington, TX 76011-8064

