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Neutron Products Inc.	110		INITIAL	🖾 REV	ISION [	] CLAR	IFICATION 🛛
	g address or other location where licensee may b	e located)	4. LICEN	SEE CONTACT	AND THE		
22301 Mt. Ephraim Road			Edmond	J. DeRosa	/ Manager	r, Telether	apy Operations
P.O. Box 68 Dickerson, Maryland 20842			5. TEL NUMB	EPHONE ER		6. FACSIN	ALE NUMBER
				ide Area Code			e Area Code) 240 E007
7. AC	<b>FIVITIES TO BE CONDUCTED UN</b>	DER THE GENEI		1/349-5001			349-5007
well logging	LEAK TESTING AND/	OR CALIBRATIO	NS 🛛 TE	LETHERA			RECEIVED
8. CLIENT NAME, ADDRESS, CTT Bluffton Regional Media 303 S. Main Street Bluffton, Indiana 46714		(Street a possible.) <b>303 S. M</b> Bluffton	PHYSICAL ADDRE nd Number or other [ain Street , Indiana 467]	location. Giv	e as complete		
		NUMBER (Includ	TELEPHONE e Area Code) 3210 x-3252		NUMBER (Include	OCATION TE Area Code) 3210 x-32	
12. DAT	ES SCHEDULED	13. NUMBER OF DAYS	14. ADD		15. DELETE		LOCATION REFERENCE MBER
FROM February 13, 2002	то February 14, 2002	2 (two)					MBER TO BE IGNED BY NRC
LIST ADDITIONA	L WORK SITES ON SEPARATE SHEET		L INFORMATIC	ON CONTAI	NED IN IT	EMS 9-16	ABOVE
(Include description of type of	WHICH WILL BE POSSESSES, USED, INSTALLE and quantity of radioactive material, sealed source 780C teletherapy unit and contain of 02-01-02.	es, or devices to be used.)		e containii	ng approx	cimately	
CONDUCT ACTIVITIES WHICH ARE	NSE WHICH AUTHORIZES THE UNDERSIGNED TO THE SAME, EXCEPT FOR LOCATION OF USE AS		BER	STATE	EXPIRA	IION DATE	
SPECIFIED IN ITEM 9. ABOVE (For Form 241.	ir copies of the specific license must accompany the Initi 	MD- 31-02	5-03	MD	Timely	Renewal	
special nuclear material. Which I possess c. I understand that activities, including stora waters, which is authorized for an unlimite d. I understand that I may be inspected by N e. I understand that conduct of any activities including civil or criminal penalties.	omplete. of the general license 10 CFR 150.20 reprinted on the instru- and use in non0Afreement States or offshore waters under 1 ge, conducted in non-Agreement States under general licens d period of time in the calendar year. RC at the above listed works are locations and at the Licens not described above, Including conduct of activities on dates	ctions of this form; and I under the general license for which h se 10 CFR 150.20 are limited to ee hayse officeaddreaf for acti	stand that I am requires this report is filed with a total of 180 dates in wijkes performed in non	to comply with t U.S. Nuclear Reg calendar year. W Agreement State without NRC aut	gulatory Commis fith the exceptio as or Offshore w norization, May s	ssion. 11 of work condu raters.	icted in off shore
CERTIFYING OFFICER -RSO or Manage Edmond J. DeRosa / Mgr, T				DATI Fe	s bruary 5,	2002	
WARNING: False statements in this certifica	te may be subject to civil and/or criminal penalties. N			RC be complet	te and accurate	e in all material	respects. 18 U.S.C
	nake a willful false statement or representation to any CIAL (Typed/Printed Nam-e & Title) SIGNA	y department or agency of the NTURE Shu Mc/A		any matter with	DATE	1 0 Z	TOTAL USE- DAYS TO DATE
NRC FORM 241 (1-1999)	(50 02/08/02	/					

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				comments regar	ding burden estimat	e to the Records N	fanagement Branch
NON-AGREEN	MENT STATES, AREAS	OF EXC	CLUSIVE				ington, DC 20555-
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I LDLICH SC.	dobierion, or orra		ALLING	Management and	d Budget, Washingto	n DC 20503, If a:	means used to Impose
				and Information	collection does not	display a currently	valid OMN control
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		actor loca ceron	7	INITIAL			RIFICATION []
Neutron Products Inc.				INITIAL			MFICATION LI
3. ADDRESS OF LICENSEE	(Mailing address or other location where lice	nsee may be loc	ated)	4. LICENSE	E CONTACT AND	ITTLE	
and the Factor D	- <b>a</b>						
22301 Mt. Ephraim Ro P.O. Box 68	180						erapy Operations
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Muskogee Regiona	l Medical Center 💦 🏹 🏹		possible.)			-	
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NEUTRON PRODUCTS



MARYLAND DEPARTMENT OF THE ENVIRONMENT 2500 Broening Highway • Baltimore, Maryland 21224 (410) 631-3000 • 1-800-633-6101 • http:// www. mde. state. md. us

Parris N. Glendening Governor

Jane T. Nishid Secretar

September 13, 2000

Marvin M. Turkanis, Vice President and Radiation Safety Officer Neutron Products Inc. 22301 Mount Ephraim Road P.O. Box 68 Dickerson, Maryland 20842-0068

#### RE: Application renewal

Dear Mr. Turkanis:

We received your application for the renewal of the Radioactive: Materials License Number MD-31-025-03. The submission of your application will permit us to continue your current license in effect until action has been taken by this office on the application.

This letter does not grant approval of any changes in radiation safety procedures, radioactive materials or possession limits. If such changes have been requested, they must await final approval from this office in form of a license renewal. Should you have any questions please contact Messrs. Nathaniel Owrutsky, Douglas McAbee, or me at (410) (31-3302 or toll-free 1-800-633-6101 and requesting extension 3302.

Sincerely,

Basto. Tiun

Carl E. Trump, Jr., Program Manager Radioactive Materials Licensing and **Compliance** Division

CET/NAO

TTY Users 1-800-735-2258 via Maryland Relay Service

"Together We Can Clean Up"

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DEPARTMENT OF THE ENVIRONMENT RADIOLOGICAL HEALTH PROGRAM RADIOACTIVE MATERIAL LICENSE

Amendment No.:

Page 1 of 1 pages

**CODE: 02513** 

57

License No: MD-31-025-03

Neutron Products Inc.

22301 Mount Ephraim Road

P.O. Box 68

Dickerson, Maryland 20842

In accordance with inspection that was conducted on September 18, and 20, 2000 and your compliance response dated February 12, 2001, Radioactive Material License Number MD-31-025-03 is amended as follows:

Condition 14 to add compliance response dated February 12, 2001 which will be ir corporated into your license.

March 28, 2001

FOR THE MARYLAND DEPARTMENT OF THE ENVIRONMENT

Roland G. Fletcher Radiological Health Progra n Manager

1 NAO 140 3/28/201

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#### DEPARTMENT OF THE ENVIRONMENT RADIOLOGICAL HEALTH PROGRAM **RADIOACTIVE MATERIAL LICENSE**

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Neutron Products Inc.		<b>h</b>	· · · · · · · · · · · · · · · · · · ·
22301 Mount Ephraim Road			
P.O. Box 68			
Dickerson, Maryland 20842			

In accordance with letter with attachments dated February 3, 2000, Radioactive Material License Number MD-31-025-03 is amended as follows:

Condition 14 to add letter with attachments dated February 3, 2000 containing Revision 1 of Appendices II and VII of P-9.

FOR THE MARYLAND DEPARTMENT OF THE ENVIRONMENT

Roland G. Fletcher Radiological Health Program Manager

November 27, 2000

NAONAO 11/27/2002 REL 11/2010000

State of Maryland

# DEPARTMENT OF THE ENVIRONMENT RADIOLOGICAL HEALTH PROGRAM RADIOACTIVE MATERIAL LICENSE

Page 1 of 1 pages

License No: MD-31-025-03

Amendment No.: 55 CODE 02513

Neutron Products Inc. 22301 Mount Ephraim Road P.O. Box 68 Dickerson, Maryland 20842-0068

In accordance with letter with attachments dated July 28, 2000 Radioactive Material Lizense Number MD-31-025-03 is amended as follows:

Condition 17 to add letter with attachments dated July 28, 2000, incorporating Neutron Products, Inc.'s teletherapy source handler training program dated May 26, 2000 (Edited May 31, 2000 and modified based on RHP review of July 27,2000).

FOR THE MARYLAND DEPARTMENT OF THE ENVIRONMENT

Roland G. Fletcher Radiological Health Program Manager

August 2, 2000

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	FOR THE MARYLAND DEPARTMEN	
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	1-025- yes yes yes yes yes yes yes	State RADIC RADIC RADIC RA 1-025-03 1-025-03 1-025-03 1-025-03 1-025-03	State of       DEPARTMENT OF         RADIOLOGICAL H       RADIOACTIVE MA         1-025-03       CONDITION         1-025-03       CONDITION         Keleket- Barnes       Picker/ AMS/ATC         yes       yes         yes       yes	DEPARTMENT OF THE ENVIRONM RADIOLOGICAL HEALTH PR RADIOACTIVE MATERIAL LIC 1-025-03 Amendma CONDITION CONTINUED 1-025-03         Amendma           CONDITION CONTINUED         Mendma           Ves         Yes           yes         yes           yes         yes           yes         yes           yes         yes           yes         yes	State of       Maryland         DEPARTMENT OF THE ENVIRONMENT         RADIOLOGICAL HEALTH PROGRAM         RADIOACTIVE MATERIAL LICENSE         1-025-03       Amendment Number:         CONDITION CONTIDUED         1-025-03       Amendment Number:         CONDITION CONTIDUED         1-025-03       Mendment Number:         CONDITION CONTIDUED         1-025-03       Mendment Number:         CONDITION CONTIDUED         Mendment Number:         Yes         yes       yes         <	EPARTMENT OF THE ENVIRONMENT RADIOLOGICAL HEALTH PROGRAM RADIOACTIVE MATERIAL LICENSE 1-025-03 Amendment Number: 51 C CONDITION CONTINUED Keleket- <u>Picker/</u> <u>Yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u> <u>yes</u>

NEUTRON PRODUCTS State of Maryland

DEPARTMENT OF THE ENVIRONMENT RADIOLOGICAL HEALTH PROGRAM RADIOACTIVE MATERIAL LICENSE

Page 1 of 1 pages

License No: MD-31-025-03

Amendment No.: 50 C

50 Code: 02513

Neutron Products, Inc. 22301 Mt. Ephraim Road P.O. Box 68 Dickerson, Maryland 20842-0068

# CORRECTED AMENDMENT NUMBER

In accordance with letter with attachment dated November 10, 1997, Radioactive Material License Number MD-31-025-03 is amended as follows:

Condition 14 to add: letter with attachment dated November 10, 1997 to include modified Appendix 1 of Procedure P-9.

Date: April 15, 1998

FOR THE MARYLAND DEPARTMENT OF THE ENVIRONMENT

Roland G. Fletcher Radiological Health Program Manager II

DKM REM

5/11/98

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		Supplementant Chart		
License No.		Supplementary Sheet		- <u>+</u> - <u>-</u> <u>4</u> - <u>5</u> .

Condition 11B is amended to read:

is amended as follows:

11. B. Radioactive material shall be used by, or under the supervision of and in the physical presence of the following users for the purpose of source transfer and servicing of teletherapy units listed below, unless otherwise noted:

User	AECL/ Theratronics	Keleket-Barnes	Picker/AMS/ ATC	Siemens	TEM Instruments	Toshiba	Hestinghouse
Thomas Baugher	x						
Norman Brogden				x			†
George Brown			1	1	<u> </u>	x	[
Russell Brown	x		x				
Ronald Catlett				1	x		
Jerry L. Fogle	X		X				
eslie Forrest	Y		x	<u></u>			
fichard D. Foss	x .						
duin freeman	X						······································
ouglas Hoad							· · · · · · · · · · · · · · · · · · ·

FOR THE MARYLAND DEPARTMENT OF THE ENVIRONMENT

RADIOLOGICAL HEALTH PROGRAM MANAGER II

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License No.	MD-31-025-03			Ame	ndment No			
Users (continued)	AECL/ Theratronics	COND Keleket-Barnes	PITION Picker ATC		NUED Stewens	TEM Instrument::	Toshiba	Hestinghouse
Robert S. Johnson	X							1
Tommy Kidd			x					
Jerfery A. Koontz	X		X		x			
Dale R. Marshall	x		×		<u> </u>	<u> </u>		
arrell D. Poole			×	-	<u> </u>	·	<u> </u>	
ale Repp	x	x	x				X	
ichard H. Tanker	x				x	X	X .	x
arvin Turkanis	x	x	x					

FOR THE MARYLAND DEPARTMENT CF THE ENVIRONMENT

RADIOLOGICAL HEALTH PROGRAM MANAGER II

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Sta	ate of		Maryland			
DEPARTMENT OF THE ENVIRONMENT						
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	HADIOACTI	VE MATERIAL				
			Page 1 of <u>5</u> pages			
to use such radioactive material for the rules, regulations and orders of the Mar	e licensee to receive purpose(s) and at t yland State Departs ordance with	acquire, possess a the place(s) designate ment of the Environm	resentations heretofore made by the licensee, a nd transfer radioactive material listed below; and ad below. This license is subject to all applicable tent, now or hereinafter in effect and to any lated March 29, 1990, subject to			
LICENSEE Neutron Products, Inc		3. License No.				
1. Name 22301 Mt. Ephraim Road		MD-31-025-03				
P.O. Box 68 Dickerson, Maryland 20	0842-0068	4. Amendment No. 48				
5. Expiration Date September 30, 2000						
6. Radioactive material (element and mass number)	7. Chemical and/or physical form		8. Max mum amount of radioactivity which licerisee may possess at any one time			
Cobalt-60	A. Teletherapy sealed sources		A. No source to exceed 15,000 curies: total possession not to exceed 100,000 curies			
B. Cesium-137						
C. Depleted uranium	B. Teletherapy sealed sources		B. No source to exceed 3,000 curies; total possession 10,000 curies			
	C. Metal as shielding		C. Iotal possession not to exceed 999 kilograms			

9. Authorized Use

1-B. Receive, acquire, own, possess, store, use, transfer and transport during or incidental to source installation or transfer in Atomic Energy of Canada, Ltd. (AECL)/Teratronics, Picker/AMS/ATC, Keleket-Barnes, Siemens, TEM Instruments, Ltd., Toshiba, and Westinghouse units. Five year inspection and maintenance of these units. Dimassembly and packaging of these units.

For use as shielding in teletherapy heads and collimators.

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1	ACTIVE MATERIAL LICENSE	
		Page2 ofs pages
	Supplementary Sheet	
License No. MD-31-025-03	Amendment No.	£3
	CONDITIONS	
10. The authorized place of use is job sites of the licensee throug Health Program 30 days prior Section D.407 of COMAR 26.12.01	to vacating a permanent use	inter portify the Destal is at any
11. A. The radiation protection pro	gram shall be under the supe	rvision of Marvin Turkanis.
B. Radioactive material shall be presence of the following users teletherapy units listed below	used by or under the super-	icion of and in the shared and

User	AECL/ Theratronics	Keleket-Barnes	Picker/#15/ ATC	Sicens	TEM Instruments	Testibe	Hestinghouse
Bernard Bosmell	x			1			
Norman Brogden				x			
George Brown						x	
Aussell Brown	x		X	x	x		
Ronald Catlett					x		
Jerry L. Fogle	x		x				
Les lie Forrest	x		x				
Richard D. Foss	x						
Ediain Freeman	x						
Douglas Head					x		

teletherapy units listed below, unless otherwise noted:

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FOR THE MARYLAND DEPARTMENT OF THE ENVIRONMENT

Date \_\_\_\_

RADIOLOGICAL HEALTH PROGRAM MANAGER II

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NEUTRON PRODUCTS



### DEPARTMENT OF THE ENVIRONMENT RADIOLOGICAL HEALTH PROGRAM RADIOACTIVE MATERIAL LICENSE

Page  $\_3$  of  $\_5$  pages

Supplementary Sheet

License No.

MD-31-025-03

Amendment No. 48

#### CONDITIONS CONTINUED

Users (continued)	AECL/ Theratronics	Ke leket-Burnes	Picker/ATS/ ATC	Stearns	TEM Instrue mts	Toshiba	Hestinghouse
Robert S. Johnson	X						
Tommy Kidd			x				
Jeffery A. Koontz	x		x	x			
Dale R. Marshall	x		x				
Darrell O. Poole						x	
Jale Repp	x	x	x	x	x	r	x
Andrew C. Sanders	x						
James Sayler	x		service only				
Gene Serres	XX						
Richard H. Tanker	x						
Marvin Turkanis	X	x	X				

12. The licensee shall comply with provisions of Part D, "Standards for Protection Against Radiation" and Part J, "Notices, Instructions and Reports to Workers; Inspections" of the Maryland Regulations 26.12.01.01 "Regulations for Control of Ionizing Radiation".

FOR THE MARYLAND DEPARTMENT OF THE ENVIRONMENT

Date .

RADIOLOGICAL HEALTH PROGRAM MANAGER II

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RADIOLOGICAL HEALTH PROGRAM	
RADIOACTIVE MATERIAL LICENSE	Page of5 pages
Supplementary Sheet	Page or pages
License No. MD-31-025-03 Amendment No. 48	
CONDITIONS CONTINUED	
13A. Transportation of radioactive material in the State of MaryLund with Section C.100 "Transportation of Radioactive Material" of O	shall be in compliance OMAR 26.12.01.01.
B. The licensee shall transport licensed material or deliver licensed for transport in accordance with the provisions of Section C.103 Delivery of Radioactive Material to a Carrier for Transport" of (	, "General License for DOMAR 26.12.01.01.
14. The licensee shall follow Neutron Products, Inc. (NPI) Specific "Procedures for Source Transfer, Maintenance, and Service Associ Devices" as revised March 29, 1990. Further changes to NPI Sp affects radiation safety must be approved by the Department prior	ated with Teletherapy
All Cesium-137 sealed sources must be in dry storage.	
16. No teletherapy unit source transfer or servicing authorized by t initiated unless the licensee has available the manufacturer's wr equivalent as outlined in Neutron Product's Specification P-9 operation, such instructions and tools being specific for each teletherapy unit and for the type of operation involved.	itten instructions or
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FOR THE MARYLAND DEPARTMENT OF	THE ENVIRONMENT

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use rad represen with att Ma IX Fel AEC COMAR 26 Licensee	is specifically provided othe ioactive material authorized tations, and procedures cont achments dated: rch 29,1990: Application add rch 29,1990: NPI Specificati bruary 05, 1990: Procedure NE IL/Theratronics Teletherapy .12.01.01 "Regulations for	on P-9 rev. 2 with Table 1 and 2501, Revision 1, "Procedure f	iance with statements th 29,1990, and letters i Appendices I through for Decontamination of m" shall govern the
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September 7, 1995

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