NRC FORM 313	U. S. NUCLEAR RE	GULATORY COMMISSION	APPROVED BY OMB: NO. 31	50-0120	EXPIRES:08/31/2002
(8-1999)					
10 CFR 30, 32, 33			Estimated burden per respons	e to comply with this man	datory information collection request
34, 35, 36, 39 and 40			7.4 hours. Submittal of the as	plication is necessary to de	etermine that the applicant is qualified health and safety. Send comments
			regarding burden estimate to	the Records Manageme	ent Branch (T-6 E6), U.S. Nuclear
APPLICATIO	N FOR MATE	RIAL LICENSE	Regulatory Commission, Was	hington, DC 20555-0001, a	or by internet e-mail to bjs1@nrc gov. ory Affairs, NEOB-10202, (3150-0120).
7 1					1503. If a means used to impose an
					OMB control number, NRC may not
			conduct or sponsor, and a pers	on is not required to respond	g to, the information collection.
		ICENSE APPLICATION GL LETED APPLICATION TO			MPLETING APPLICATION.
APPLICATION FOR DISTRIBUT		<del></del>	IF YOU ARE LOCATED IN:		<del></del>
DIVISION OF INDUSTRIAL AN	NO MEDICAL NUCLEAR SAF	FTY			
OFFICE OF NUCLEAR MATE	RIALS SAFETY AND SAFEG		SEND APPLICATIONS TO:	CHIGAN, MINNESOTA, MIS	SOURI, OHIO, OR WISCONSIN.
U.S. NUCLEAR REGULATOR					NMSB3
WASHINGTON, DC 20555-00			MATERIALS LICENSING SE		
ALL OTHER PERSONS FILE AP	PLICATIONS AS FOLLOWS	£	U.S. NUCLEAR REGULATO 801 WARRENVILLE RD.	IRT COMMISSION, REGION	N IN
IF YOU ARE LOCATED IN:			LISLE, IL 60532-4351		
CONNECTICUT, DELAWARE, D	ISTRICT OF COLUMBIA, MA	INE, MARYLAND,	ALASKA, ARIZONA, ARKANS	AS, CALIFORNIA, COLORA	LDO, HAWAII, IDAHO, KANSAS,
MASSACHUSETTS, NEW HAMP			LOUISIANA, MONTANA, NEBI		
RHODE ISLAND, OR VERMONT	, SEND APPLICATIONS TO:		WASHINGTON, OR WYOMING		SOUTH DAKOTA, TEXAS, UTAH,
LICENSING ASSISTANT SEC	TIÓN		WASHING COL, DA WIOMING	, SEND AFFEICATIONS II	- 3
NUCLEAR MATERIALS SAFE			NUCLEAR MATERIALS LIC		let and
U.S. NUCLEAR REGULATOR 475 ALLENDALE ROAD	Y COMMISSION REGION I		U S. NUCLEAR REGULATO 611 RYAN PLAZA DRIVE, S		<sup>√1</sup> ′ ⇔
KING OF PRUSSIA PA 1940	6-1415		ARLINGTON TX 76011-800		<i>9</i> ,0 🗀
	_				
ALABAMA, FLORIDA, GEORGIA RICO, SOUTH CAROLINA, TENS				030375	556
SEND APPLICATIONS TO:	TESSEE, VINGINIA, VINGIN	ISCARDS, DA WEST VINGINIA,			•
SAM NUNN ATLANTA FEDE	DAL CENTED		1	03121	Tax
U S NUCLEAR REGULATOR		I		•	呈
61 FORSYTH STREET, S.W.			(19-3128	n	ಫ
ATLANTA, GEORGIA 30303-I	8931		17-3128	0-01)	· ·
PERSONS LOCATED IN AGREE	MENT STATES SEND APPL	ICATIONS TO THE U.S. NUCLEAR	REGULATORY COMMISSION OF	ILY IF THEY WISH TO POS	SSESS AND USE LICENSED
MATERIAL IN STATES SUBJEC	T TO U.S.NUCLEAR REGUL	ATORY COMMISSION JURISOICT	ONS.		· · · · · · · · · · · · · · · · · · ·
1 THIS IS AN APPLICATION F	OR (Check appropriate item				
			1.2 NAME AND MAILING ADDI	RESS OF APPLICANT <i>(Inch</i>	ude Zio code)
A NEW LICENSE		,	RAY STAT		
	O LICENCE NI IMAGEO		BAY STAT	E 650-	STRUCTURAL
B. AMENDMENT TO	D LICENSE NUMBER		BAY STAT	T 650-	
B. AMENDMENT TO	D LICENSE NUMBER		P.O. BOX 85 BEL AIR, N	TE 650-1 13 10 21014	STRUCTURAL
B. AMENDMENT TO	ICENSE NUMBER		BAY STAT	E 650- 13 10 21014 c. 20520	3407)
B. AMENDMENT TO C. RENEWAL OF LI	ICENSE NUMBER	USED OR POSSESSED	BAY STAT P.O. BOX 85 BEL AIR, M (DEL. BUS, LIC	75 COEO-1 13 10 ZIO14 <u>C. Z005</u> ZO 4 NAME OF PERSON TO	STRUCTURAL
B. AMENDMENT TO C RENEWAL OF LI  3 ADDRESS(ES) WHERE LICE	ENSED MATERIAL WILL BE	USED OR POSSESSED	BAY STATE PO. BOX 85 BEL AIR, NO (DEL. BUS. LIN	73 10 21014 1. 205 20 4 NAME OF PERSON TO APPLICATION	STRUCTURAL.
B. AMENDMENT TO C RENEWAL OF LI  3 ADDRESS(ES) WHERE LICE	ENSED MATERIAL WILL BE	USED OR POSSESSED	BAY STATE P.O. BOX 85 BEL AIR, NO (DEL. BUS, LIC	TE GEO-163 TO ZIOI4 C. ZOS ZO ANAME OF PERSON TO APPLICATION ANOREM	3407) DE CONTACTED ABOUT THIS  S. LISHAFT
B. AMENDMENT TO C RENEWAL OF LI  ADDRESS(ES) WHERE LICE	ENSED MATERIAL WILL BE	USED OR POSSESSED THUP. LAS S TAY PARLEL SCR 446 (86	BAY STATE P.O. BOX 85 BEL AIR, W (DEL. BUS, LIC TE L-32-13-62	73 10 21014 1. 205 20 4 NAME OF PERSON TO APPLICATION	3407) DE CONTACTED ABOUT THIS  S. LISHAFT
B. AMENDMENT TO C RENEWAL OF LI  ADDRESS(ES) WHERE LICE	ENSED MATERIAL WILL BE	USED OR POSSESSED THUP. LAS S TAY PARLEL SCR 446 (86	BAY STATE P.O. BOX 85 BEL AIR, NO (DEL. BUS, LIC	TE GEO-163 TO ZIOI4 C. ZOS ZO ANAME OF PERSON TO APPLICATION ANOREM	3407) DE CONTACTED ABOUT THIS  S. LISHAFT
B. AMENDMENT TO C RENEWAL OF LI ADDRESS(ES) WHERE LICE OFFICE: 9 NEWPORT DI FOREST MILL	ENSED MATERIAL WILL BE IN SO. M. S.	USED OR POSSESSED THUP. LAS S TAY PARLEL SCR 446 (86	BAY STATE P.O. BOX 85 8 EL AIR, M (DEL. BUS, LIC  TE L-32-13-62 WAR DAM RD.) DE 19956	TELEPHONE NUMBER ( 40) 879	STRUCTURAL  3407) DECONTACTED ABOUT THIS  5. WISHURT  -474-7
B. AMENDMENT TO C RENEWAL OF LI 3 ADDRESS(ES) WHERE LICE OFFICE: 9 NEWPORT DI FOREST MILL SUBMIT ITEMS 5 THROUGH 11 15 5 RADIOACTIVE MATERIAL	ENSED MATERIAL WILL BE INSED WILL BU	USED OR POSSESSED  TAMP. LAS S  TAY PAPEL  SCR 446 (RG)  LAURE LAURE LAURE (NFORMAI	BAY STATE P.O. BOX 85 BEL AIR, W (DEL. BUS, LIC TE 1-32-13-62 WAZ DAM 2D.) DE 19956 ION TO BE PROVIDED IS DESCR	TELEPHONE NUMBER  (40) 879  BEO IN THE LICENSE APP	STRUCTURAL  3467) DIBE CONTACTED ABOUT THIS  5. LAISHURT  -474-7 PLICATION GUIDE.
B. AMENDMENT TO C RENEWAL OF LICE OFFICE:  9 NEWPORT DIFFOREST MILL  SUBMIT ITEMS 5 THROUGH 11  5 RADIOACTIVE MATERIAL  a Element and mass numb  1 Element and mass numb	ENSED MATERIAL WILL BE INSED MATERIAL WILL BE INSED.  AND 21050 ON 8-1/2 X 11" PAPER THE INSERT BE INSERTED IN THE INSERT BE INSERTED IN THE INSERT BE INSERTED IN THE INSERT BE CHEMICAL AND/OF Physical and/or physical and/	USED OR POSSESSED THUP. LAS S TAY PARLEL SCR 446 (86 LAURE)	BAY STATE P.O. BOX 85 8 EL AIR, M (DEL. BUS, LIC  TE L-32-13-62 WAR DAM RD.) DE 19956	TELEPHONE NUMBER  (40) 879  BEO IN THE LICENSE APP	STRUCTURAL  3467) DIBE CONTACTED ABOUT THIS  5. LAISHURT  -474-7 PLICATION GUIDE.
B. AMENDMENT TO C RENEWAL OF LI C RENEWAL OF LI ADDRESS(ES) WHERE LICE OFFICE:  9 NEWPORT DI FOREST MILL SUBMIT ITEMS 5 THROUGH 11 5 RADIOACTIVE MARSHALL a Element and mass numb which will be possessed	ENSED MATERIAL WILL BE IN SOLUTION OF STATE IN SOLU	USED OR POSSESSED  TAY FARELY  SCR 4446 (RG  LAURE L  TYPE AND SCOPE OF INFORMATI all form and c maiximum amount	BAY STATE P.O. BOX 85 BEL AIR, W (DEL. BUS, LIC TE 1-32-13-62 WAZ DAM 2D.) DE 19956 ION TO BE PROVIDED IS DESCR	TELEPHONE NUMBER  (40) 879  BEO IN THE LICENSE APP	STRUCTURAL  3467) DIBE CONTACTED ABOUT THIS  5. LAISHURT  -474-7 PLICATION GUIDE.
B. AMENDMENT TO C RENEWAL OF LI C RENEWAL OF L	ENSED MATERIAL WILL BE INSED MATERIAL WILL BE INSED.  AND 21050 ON 8-1/2 X 11" PAPER THE INSERT BE INSERTED IN THE INSERT BE INSERTED IN THE INSERT BE INSERTED IN THE INSERT BE CHEMICAL AND/OF Physical and/or physical and/	USED OR POSSESSED  TAY FARELY  SCR 4446 (RG  LAURE L  TYPE AND SCOPE OF INFORMATI all form and c maiximum amount	BAY STATE P.O. BOX 85 BEL AIR, W (DEL. BUS, LIC TE 1-32-13-62 WAZ DAM 2D.) DE 19956 ION TO BE PROVIDED IS DESCRI	TELEPHONE NUMBER  TELEPHONE NUMBER  (46) 279  BEO IN THE LICENSE APP  H LICENSED MATERIAL W	STRUCTURAL  3467) DIBE CONTACTED ABOUT THIS  5. LAISHURT  -474-7 PLICATION GUIDE.
B. AMENDMENT TO C RENEWAL OF LI C RENEWAL OF LI ADDRESS(ES) WHERE LICE OFFICE:  9 NEWPORT DI FOREST MILL SUBMIT ITEMS 5 THROUGH 11 5 RADIOACTIVE MARSHALL a Element and mass numb which will be possessed	ENSED MATERIAL WILL BE IN SOLUTION OF STATE IN SOLU	USED OR POSSESSED  TAY FARELY  SCR 4446 (RG  LAURE L  TYPE AND SCOPE OF INFORMATI all form and c maiximum amount	BAY STATE P.O. BOX 85 BEL AIR, W (DEL. BUS, LIC TE 1-32-13-62 WAZ DAM 2D.) DE 19956 ION TO BE PROVIDED IS DESCRI	TELEPHONE NUMBER  TELEPHONE NUMBER  (46) 279  BEO IN THE LICENSE APP  H LICENSED MATERIAL W	STRUCTURAL  3 407)  D BE CONTACTED ABOUT THIS  S. LAISHURT  -474-7  PLICATION GUIDE.
B. AMENDMENT TO C RENEWAL OF LICE PROPERTY MALE SUBMIT ITEMS 5 THROUGH 11 S RADIOACTIVE MATERIAL a Element and mass numb which will be possessed TRAINING EXPERIENCE	ENSED MATERIAL WILL BE IN THE INSTANTIAL BE IN THE INSTAN	USED OR POSSESSED  TAY FARELY  SCR 4446 (RG  LAURE L  TYPE AND SCOPE OF INFORMATI all form and c maiximum amount	BAY STATE P.O. BOX 85 BEL AIR, W (DEL. BUS, LIC TE -32-13-62 WAR DAM 2D.) DE 19956 ION TO BE PROVIDED IS DESCR  B. PURPOSE(S) FOR WHICE  TRAINING FOR INCIVIDU	TELEPHONE NUMBER  TELEPHONE NU	STRUCTURAL  3 407)  D BE CONTACTED ABOUT THIS  S. LAISHURT  -474-7  PLICATION GUIDE.
B. AMENDMENT TO C RENEWAL OF LICE PROPERTY MALE SUBMIT ITEMS 5 THROUGH 11 S RADIOACTIVE MATERIAL a Element and mass numb which will be possessed TRAINING EXPERIENCE	ENSED MATERIAL WILL BE IN THE INSTANTIAL BE IN THE INSTAN	USED OR POSSESSED  TAY FARELY  SCR 4446 (RG  LAURE L  TYPE AND SCOPE OF INFORMATI all form and c maiximum amount	BAY STATE P.O. BOX 85 BEL AIR, W (DEL. BUS, LIC TE 1-32-13-62 WAZ DAM 2D.) DE 19956 ION TO BE PROVIDED IS DESCRI	TELEPHONE NUMBER  TELEPHONE NU	STRUCTURAL  3 407)  D BE CONTACTED ABOUT THIS  S. LAISHURT  -474-7  PLICATION GUIDE.
B. AMENDMENT TO C RENEWAL OF LI C RENEWAL OF L	ENSED MATERIAL WILL BE IN THE INSTANTIAL BE IN THE INSTAN	USED OR POSSESSED  TAY FARELY  SCR 4446 (RG  LAURE L  TYPE AND SCOPE OF INFORMATI all form and c maiximum amount	BAY STATE P.O. BOX 85 BEL AIR, W (DEL. BUS, LIC L-32-13-62 WAZ DAM RD.) DEL 199 SG ION TO BE PROVIDED IS DESCR  6. PURPOSE(S) FOR WHICE  8. TRAINING FOR INDIVIDU  10. RADIATION SAFETY PRO	TELEPHONE NUMBER  TELEPHONE NU	STRUCTURAL  23 407) DIBE CONTACTED ABOUT THIS  S. LAISHURT  -474-7 PLICATION GUIDE.  FILL BE USED  QUENTING RESTRICTED AREAS
B. AMENDMENT TO C RENEWAL OF LICE PROPERTY MALE SUBMIT ITEMS 5 THROUGH 11 S RADIOACTIVE MATERIAL a Element and mass numb which will be possessed TRAINING EXPERIENCE	ENSED MATERIAL WILL BE IN THE INSTANTIAL BE IN THE INSTAN	USED OR POSSESSED  TAY FARELY  SCR 4446 (RG  LAURE L  TYPE AND SCOPE OF INFORMATI all form and c maiximum amount	BAY STATE P.O. BOX 85 BEL AIR, M (DEL. BUS, LII  TE 132-13-62 WAR DAM RD.) ION TO BE PROVIDED IS DESCRIBED FOR WHICE  B. TRAINING FOR INCIVIDU  10. RADIATION SAFETY PRO  12. LICENSEE FEES (See 1)	ALS WORKING IN OR FREE	STRUCTURAL  3 407)  D BE CONTACTED ABOUT THIS  S. LISHURT  -474-7  PLICATION GUIDE.  PILL BE USED  QUENTING RESTRICTED AREAS
B. AMENDMENT TO C RENEWAL OF LI C RENEWAL OF L	ENSED MATERIAL WILL BE IN SECTION OF SECTION	USED OR POSSESSED  TAY PARIEL  SUR 4440 (SQ  LAURE  TYPE AND SCOPE OF INFORMAT  TYPE AND THEIR	BAY STATE P.O. BOX 85 BEL. AIR. N (DEL. BUS. LII  TE -32-13-62 WAR DAM 2D.) ION TO BE PROVIDED IS DESCR  6. PURPOSE(S) FOR WHICE  10. RADIATION SAFETY PRO  12. LICENSEE FEES (S. 1977) FEE CATEGORY SEE	AND STORY  TELEPHONE NUMBER  T	STRICTURAL  3 467) DISCONTACTED ABOUT THIS  S. LAISHURT  -474-7  -LICATION GUIDE.  FILL BE USED  QUENTING RESTRICTED AREAS  31)  AMOUNT ENCLOSED \$ 1200.00
B. AMENDMENT TO C RENEWAL OF LI C RENEWAL OF L	ENSED MATERIAL WILL BE IN SECTION OF SECTION	USED OR POSSESSED  TAY FARELY  SCR 4446 (RG  LAURE L  TYPE AND SCOPE OF INFORMATI all form and c maiximum amount	BAY STATE P.O. BOX 85 BEL. AIR. N (DEL. BUS. LII  TE -32-13-62 WAR DAM 2D.) ION TO BE PROVIDED IS DESCR  6. PURPOSE(S) FOR WHICE  10. RADIATION SAFETY PRO  12. LICENSEE FEES (S. 1977) FEE CATEGORY SEE	AND STORY  TELEPHONE NUMBER  T	STRICTURAL  3 467) DISCONTACTED ABOUT THIS  S. LAISHURT  -474-7  -LICATION GUIDE.  FILL BE USED  QUENTING RESTRICTED AREAS  31)  AMOUNT ENCLOSED \$ 1200.00
B. AMENDMENT TO C RENEWAL OF LI C RENEWAL OF L	ENSED MATERIAL WILL BE IN THE INTERIOR OF THE	USED OR POSSESSED  TAY PARKEL  SAR 4446 (SG  LAMPE INFORMAT  TYPE AND SCOPE OF INFORMAT  TYPE AND THEIR  E APPLICANT UNDERSTANDS THAT  S CERTIFICATION ON BEHALF OF	BAY STATE P.O. BOX 85 BEL. AIR. W (DEL. BUS. LIC TE. 32-13-62 WAR DAM 2D.) ION TO BE PROVIDED IS DESCR  6. PURPOSE(S) FOR WHIC  10. RADIATION SAFETY PRO 12. LICENSEE FEES (S. 10) FEE CATEGORY STATE TALL STATEMENTS AND REPRE THE APPLICANT, NAMED IN ITEM	AND STATE OF PERSON TO APPLICATION TELEPHONE NUMBER (100 NO PERSON TO APPLICATION THE LICENSE APPLICATION OF FREE CONTROL OF THE CONTROL OF T	STRUCTURE.  23 407)  D BE CONTACTED ABOUT THIS  S. LAISHURT  -474-7  PLICATION GUIDE.  PULL BE USED  QUENTING RESTRICTED AREAS  31)  AMOUNT ENCLOSED \$ 1200.00  IS APPLICATION ARE BINDING  PULICATION IS PREPARED IN
B. AMENDMENT TO C RENEWAL OF LICE CRENEWAL OF LICE CRENEW	ENSED MATERIAL WILL BE INSED MATERIAL BASED ON 8-1/2 X 11" PAPER THE INSED MATERIAL BASED O	USED OR POSSESSED  TAMP. WEST	BAY STATE P.O. BOX 85 BEL. AIR. W (DEL. BUS. LIC TE. 32-13-62 WAR DAM 2D.) ION TO BE PROVIDED IS DESCR  6. PURPOSE(S) FOR WHIC  10. RADIATION SAFETY PRO 12. LICENSEE FEES (S. 10) FEE CATEGORY STATE TALL STATEMENTS AND REPRE THE APPLICANT, NAMED IN ITEM	AND STATE OF PERSON TO APPLICATION TELEPHONE NUMBER (100 NO PERSON TO APPLICATION THE LICENSE APPLICATION OF FREE CONTROL OF THE CONTROL OF T	STRUCTURE.  23 407)  D BE CONTACTED ABOUT THIS  S. LAISHURT  -474-7  PLICATION GUIDE.  PULL BE USED  QUENTING RESTRICTED AREAS  31)  AMOUNT ENCLOSED \$ 1200.00  IS APPLICATION ARE BINDING  PULICATION IS PREPARED IN
B. AMENDMENT TO C RENEWAL OF LI C RENEWAL OF L	ENSED MATERIAL WILL BE INSED MATERIAL WILL BE	USED OR POSSESSED  TAY PAPEL  SAR 446 (Recommendation of the commendation of the comme	P.O. BOX 85  R.O. BOX 85  B.E.L. AIR. M  (DEL. BUS. LII  10. RADIATION SAFETY PRO  12. LICENSEE FEES (SW 11  FEE CATEGORY  TALL STATEMENTS AND REPRE  ME APPLICANT, NAMED IN ITEM  35. 86. 39 AND 40, AND THAT ALL  RIMINAL DEFENSES MARKE AW  RIMINAL DEFENSE MARKE AW  RIMINAL	ALS WORKING IN OR FREE  CERTIFY THAT THIS APPLICATION  AUCKBUL  TELEPHONE NUMBER  (40) 279  BEO IN THE LICENSE APP  LICENSED MATERIAL W  CFR 170 and Section 170  SENTATIONS MADE IN THI  2. CERTIFY THAT THIS APPLINFORMATION CONTAINS	STRUCTURE.  23 4-07) DIBE CONTACTED ABOUT THIS  S. LAISHURT  -4-74-7 PLICATION GUIDE.  WILL BE USED  QUENTING RESTRICTED AREAS  31) AMOUNT ENCLOSED \$ 1200.00 IS APPLICATION ARE BINDING PLICATION IS PREPARED IN ED HEREIN IS TRUE AND
B. AMENDMENT TO C RENEWAL OF LI C RENEWAL OF L	ENSED MATERIAL WILL BE INSED MATERIAL WILL BE	USED OR POSSESSED  TAMP. WEST	P.O. BOX 85  R.O. BOX 85  B.E.L. AIR. M  (DEL. BUS. LII  10. RADIATION SAFETY PRO  12. LICENSEE FEES (SW 11  FEE CATEGORY  TALL STATEMENTS AND REPRE  ME APPLICANT, NAMED IN ITEM  35. 86. 39 AND 40, AND THAT ALL  RIMINAL DEFENSES MARKE AW  RIMINAL DEFENSE MARKE AW  RIMINAL	ALS WORKING IN OR FREE  CERTIFY THAT THIS APPLICATION  AUCKBUL  TELEPHONE NUMBER  (40) 279  BEO IN THE LICENSE APP  LICENSED MATERIAL W  CFR 170 and Section 170  SENTATIONS MADE IN THI  2. CERTIFY THAT THIS APPLINFORMATION CONTAINS	STRUCTURE.  23 4-07) DIBE CONTACTED ABOUT THIS  S. LAISHURT  -4-74-7 PLICATION GUIDE.  WILL BE USED  QUENTING RESTRICTED AREAS  31) AMOUNT ENCLOSED \$ 1200.00 IS APPLICATION ARE BINDING PLICATION IS PREPARED IN ED HEREIN IS TRUE AND
B. AMENDMENT TO C RENEWAL OF LI C RENEWAL OF L	ENSED MATERIAL WILL BE INSED MATERIAL WILL BE	TOWN PASSESSED  TAY P	P.O. BOX 85  R.O. BOX 85  B.E.L. AIR. M  (DEL. BUS. LII  10. RADIATION SAFETY PRO  12. LICENSEE FEES (SW 11  FEE CATEGORY  TALL STATEMENTS AND REPRE  ME APPLICANT, NAMED IN ITEM  35. 86. 39 AND 40, AND THAT ALL  RIMINAL DEFENSES MARKE AW  RIMINAL DEFENSE MARKE AW  RIMINAL	AND SECTION OF FREE  CERTIFY THAT THIS APPLICATION MADE IN THE LICENSE MATERIAL W  CERTIFY THAT THIS APPLICATION MADE IN THE LICENSE MADE IN THE L	STRUCTURE.  23 4-07) DIBE CONTACTED ABOUT THIS  S. LAISHURT  -4-74-7 PLICATION GUIDE.  WILL BE USED  QUENTING RESTRICTED AREAS  31) AMOUNT ENCLOSED \$ 1200.00 IS APPLICATION ARE BINDING PLICATION IS PREPARED IN ED HEREIN IS TRUE AND
B. AMENDMENT TO C RENEWAL OF LI C RENEWAL OF L	ENSED MATERIAL WILL BE INSED MATERIAL WILL BE	TOWN PASSESSED  TAY P	P.O. BOX 85  B.E.L. AIR. M  CPEL. BUS. LII  TEL. 32 - 13 - 62  WAZ DAM 2D.  E 199 SC.  ION TO BE PROVIDED IS DESCR  8. PURPOSE(S) FOR WHICE  10. RADIATION SAFETY PRO  12. LICENSEE FEES (S. 12)  T. ALL STATEMENTS AND REPRE  THE APPRICANT, NAMED IN ITEM  35, 38, 39 AND 40, AND THAT ALL  RIMINAL OFFENSE MAKE A W  TS JURISDICTION	AND SECTION OF FREE  CERTIFY THAT THIS APPLICATION MADE IN THE LICENSE MATERIAL W  CERTIFY THAT THIS APPLICATION MADE IN THE LICENSE MADE IN THE L	STRICTURE  33 467)  D BE CONTACTED ABOUT THIS  S. LAISHURT  -474-7  PLICATION GUIDE.  FILL BE USED  QUENTING RESTRICTED AREAS  31)  AMOUNT ENCLOSED \$ 1200.00  IS APPLICATION ARE BINDING  PUICATION IS PREPARED IN ED HEREIN IS TRUE AND  ENT OR REPRESENTATION TO
B. AMENDMENT TO C RENEWAL OF LICE  TO RENEWAL OF LICE  PICE:  PIC	ENSED MATERIAL WILL BE INSED MATERIAL WILL BE	USED OR POSSESSED  TAY PAPEL  SAR 446 (Recommendation of the control of the contr	P.O. BOX 85 BEL. AIR. M P.O. BOX 95 BEL. AIR. M P.O. B	AND SECTION OF FREE  CERTIFY THAT THIS APPLICATION MADE IN THE LICENSE MATERIAL W  CERTIFY THAT THIS APPLICATION MADE IN THE LICENSE MADE IN THE L	STRUCTURE.  3 407)  D BE CONTACTED ABOUT THIS  S. LAISHURT  -4.74-7  PLICATION GUIDE.  FILL BE USED  QUENTING RESTRICTED AREAS  31)  AMOUNT ENCLOSED \$ 1200.00  IS APPLICATION ARE BINDING  PLICATION IS PREPARED IN  ED HEREIN IS TRUE AND  ENT OR REPRESENTATION TO  DATE
B. AMENDMENT TO CRENEWAL OF LICE  TO RENEWAL OF LICE  PROPERTY  SUBMIT ITEMS 5 THROUGH 11 11  5 RADIOACTIVE MATERIAL  a Element and mass numb which will be possessed  TRAINING EXPERIENCE  FACILITIES AND EQUIPME  11 WASTE MANAGEMENT  THE APPLICANT AND ANY CONFORMITY WITH ITILE CORRECT TO THE BEST OF WARNING 18 U SC SEC ANY DEPARTMENT OR AG  CERTIFYING OFFICER - TYPED  MITCHELL	ENSED MATERIAL WILL BE INSED MATERIAL WILL BE	USED OR POSSESSED  TAY PAPEL  SR 446 (R)  LYPE AND SCOPE OF INFORMAT  THE APPLICANT UNDERSTANDS THAT  CERTIFICATION ON BEHALF OF  SULATIONS PARTS 30, 32, 33, 34  BELIEF.  1946 62 STAT. 749 MAKES IT A CLITES AS TO ANY MATTER WITHIN IT  V. P.  FOR NRC	P.O. BOX 85  R.O.	AND SECTION OF FREE  CERTIFY THAT THIS APPLICATION MADE IN THE LICENSE MATERIAL W  CERTIFY THAT THIS APPLICATION MADE IN THE LICENSE MADE IN THE L	STRUCTURE.  3 407)  D BE CONTACTED ABOUT THIS  S. LAISHURT  -4.74-7  PLICATION GUIDE.  FILL BE USED  QUENTING RESTRICTED AREAS  31)  AMOUNT ENCLOSED \$ 1200.00  IS APPLICATION ARE BINDING  PLICATION IS PREPARED IN  ED HEREIN IS TRUE AND  ENT OR REPRESENTATION TO  DATE
B. AMENDMENT TO C RENEWAL OF LI C RENEWAL OF L	ENSED MATERIAL WILL BE INSED MATERIAL WILL BE	USED OR POSSESSED  TAY PAPEL  SR 446 (R)  LYPE AND SCOPE OF INFORMAT  THE APPLICANT UNDERSTANDS THAT  CERTIFICATION ON BEHALF OF SULATIONS PARTS 30, 32, 33, 34  BELIEF.  1948 62 STAT, 749 MAKES IT A CI  TES AS TO ANY MATTER WITHIN IT  V. P.  FOR NRC  AMOUNT RECEIVED CHECK	P.O. BOX 85 BEL. AIR. M P.O. BOX 95 BEL. AIR. M P.O. B	AND SECTION OF FREE  CERTIFY THAT THIS APPLICATION MADE IN THE LICENSE MATERIAL W  CERTIFY THAT THIS APPLICATION MADE IN THE LICENSE MADE IN THE L	STRUCTURE.  3 407)  D BE CONTACTED ABOUT THIS  S. LAISHURT  -4.74-7  PLICATION GUIDE.  FILL BE USED  QUENTING RESTRICTED AREAS  31)  AMOUNT ENCLOSED \$ 1200.00  IS APPLICATION ARE BINDING  PLICATION IS PREPARED IN  ED HEREIN IS TRUE AND  ENT OR REPRESENTATION TO  DATE
B. AMENOMENT TO C. RENEWAL OF LICE  TO RENEWAL OF LICE  ADDRESS(ES) WHERE LICE  PROBLET DESTRUCTION  SUBMIT ITEMS 5 THROUGH 11 11 5 RADIOACTIVE MATERIAL  Element and mass numb which will be possessed  INDIVIDUAL(S) RESPONSE TRAINING EXPERIENCE  FACILITIES AND EQUIPME  WASTE MANAGEMENT  THE APPLICANT AND ANY CONFORMITY WITH TITLE CORRECT TO THE BEST COWARNING 18 U S C EACH OF THE CONFORMITY WITH TITLE CORRECT TO THE BEST COWARNING 18 U S C EACH OF THE CONFORMITY WITH TITLE CORRECT TO THE BEST COWARNING 18 U S C EACH OF THE CONFORMITY WITH TITLE CORRECT TO THE BEST COWARNING 18 U S C EACH OF THE CONFORMITY WITH TITLE CORRECT TO THE BEST COWARNING 18 U S C EACH OF THE CONFORMITY WITH TITLE CORRECT TO THE BEST COWARNING 18 U S C EACH OF THE CONFORMITY WITH TITLE CONFORMITY WITH TITLE CORRECT TO THE BEST COWARNING 18 U S C EACH OF THE COMPANY OF THE COMP	ENSED MATERIAL WILL BE INSED MATERIAL WILL BE	USED OR POSSESSED  TAY PAPEL  SCR 446 (R)  SCR 466 (R)  S	P.O. BOX 85  R.O.	AND SECTION OF FREE  CERTIFY THAT THIS APPLICATION MADE IN THE LICENSE MATERIAL W  CERTIFY THAT THIS APPLICATION MADE IN THE LICENSE MADE IN THE L	STRUCTURE.  3 407)  D BE CONTACTED ABOUT THIS  S. LAISHURT  -4.74-7  PLICATION GUIDE.  FILL BE USED  QUENTING RESTRICTED AREAS  31)  AMOUNT ENCLOSED \$ 1200.00  IS APPLICATION ARE BINDING  PLICATION IS PREPARED IN  ED HEREIN IS TRUE AND  ENT OR REPRESENTATION TO  DATE
B. AMENOMENT TO CRENEWAL OF LICE CRENEWAL OF LICE CAPTICE:  9 NEWPORT DE CONTROL OF LICE CAPTICE:  9 NEWPORT DE CONTROL OF LICE CAPTICE:  5 RADIOACTIVE MATERIAL A Element and mass numb which will be possessed TRAINING EXPERIENCE  9 FACILITIES AND EQUIPME  11 WASTE MANAGEMENT  13 CERTIFICATION (Must be UPON THE APPLICANT AND ANY CONFORMITY WITH TITLE CORRECT TO THE BEST OF WARNING 18 U SC SEC ANY DEPARTMENT OR AG CERTIFYING OFFICER - TYPED MITTELLELL	ENSED MATERIAL WILL BE INSED MATERIAL WILL BE	USED OR POSSESSED  TAY PAPEL  SR 446 (R)  LYPE AND SCOPE OF INFORMAT  THE APPLICANT UNDERSTANDS THAT  CERTIFICATION ON BEHALF OF SULATIONS PARTS 30, 32, 33, 34  BELIEF.  1948 62 STAT, 749 MAKES IT A CI  TES AS TO ANY MATTER WITHIN IT  V. P.  FOR NRC  AMOUNT RECEIVED CHECK	P.O. BOX 85  R.O.	AND SECTION OF FREE  CERTIFY THAT THIS APPLICATION MADE IN THE LICENSE MATERIAL W  CERTIFY THAT THIS APPLICATION MADE IN THE LICENSE MADE IN THE L	STRUCTURE.  3 407)  D BE CONTACTED ABOUT THIS  S. LAISHURT  -4.74-7  PLICATION GUIDE.  FILL BE USED  QUENTING RESTRICTED AREAS  31)  AMOUNT ENCLOSED \$ 1200.00  IS APPLICATION ARE BINDING  PLICATION IS PREPARED IN  ED HEREIN IS TRUE AND  ENT OR REPRESENTATION TO  DATE

#### Bay State Geo-Structural

#### NRC Form 313 (Items 5-11)

#### Items 5 and 6

The device to be licensed is a Troxler Model 3440 Portable Moisture Density Gauge. The materials included in the proposed use include Cesium-137 and Americium-241. This device is a portable gauge used to measure moisture and density of soils associated with site development.

#### Item 7

The individual responsible for the Radiation Safety Program is Andrew S. Wishart, P.E. Mr. Wishart has a 40-hour "Certificate of Training" as a Radiation Safety Officer presented by the Radiation Safety Academy, issued August 24, 2007.

#### Item 8

Individuals working in or frequenting restricted areas will complete one of the training courses described in Criteria in the section entitled "Training for Individuals Working In or Frequenting Restricted Areas" in NUREG-1556, Vol. 1, Rev. 1, dated November 2001.

#### Item 9

Not required to be submitted with this application.

#### Item 10 – Radiation Safety Program, Audit Program

Not required to be submitted with this application.

#### Item 10 - Radiation Safety Program, Termination of Activities

Not required to be submitted with this application.

#### Item 10 - Radiation Safety Program, Survey Instruments

We will either possess and use, or have access to and use, a radiation survey meter that meets the Criteria in the section entitled "Radiation Safety Program – Instruments" in NUREG-1556, Vol. 1, Rev. 1, dated November 2001.

#### Item 10 - Radiation Safety Program, Material Receipt and Accountability

Physical inventories will be conducted at intervals not to exceed 6 months, to account for all sealed sources and devices received and possessed under the license.

#### Item 10 - Radiation Safety Program, Occupational Dosimetry

We will maintain, for inspection by NRC, documentation demonstrating that unmonitored individuals are not likely to receive a radiation dose in excess of 10 percent of the allowable limits in 10 CFR Part 20.

#### Item 10 - Radiation Safety Program, Public Dose

Not required to be submitted with this application.

#### Item 10 - Radiation Safety Program, Operating and Emergency Procedures

We will implement and maintain the operating and emergency procedures in Appendix H of NUREG-1556, Vol. 1, Rev. 1, dated November 2001, and provide copies of these procedures to all gauge users and at each job site.

#### Item 10 - Radiation Safety Program, Leak Test

Leak tests will be performed at intervals approved by NRC or an Agreement State and specified in the Sealed Source and Device Registration Sheet. Leak tests will be performed by an organization authorized by NRC or and Agreement State to provide leak testing services for other licensees or using a leak test kit supplied by an organization authorized by NRC or an Agreement State to provide leak test kits to other licensees and according to the kit supplier's instructions.

#### Item 10 - Radiation Safety Program, Maintenance

We will implement and maintain procedures for routine maintenance of our gauges according to each manufacturer's recommendations and instructions.

We will send the gauge to the manufacturer or other person authorize by NRC or an Agreement State to perform non-routine maintenance or repair operations that require the removal of the source or source rod from the gauge.

#### Item 10 - Radiation Safety Program, Transportation

Not required to be submitted with this application.

#### Item 11 - Waste Management, Gauge Disposal and Transfer

Not required to be submitted with this application.

### Appendix B

Suggested Format for Providing Information Requested in Items 5 through 11

## ITEMS 5 AND 6: MATERIALS TO BE POSSESSED AND PROPOSED USES

Yes	No	Radioisotope	Manufacturer or Distributor Model No.	Quantity	Use As Listed on SSD Certificate	Specify Other Uses Not Listed on SSD Certificate
		Cesium-137	Sealed source manufacturer or distributor and model number:  Device manufacturer or distributor and model number:  TROXLER  3440  PORTABLE  Masture Dasser  Gauge	Not to exceed either the maximum activity per source or maximum activity per device as specified in Sealed Source and Device Registration Certificate	Yes Specific description of the gauge use:  BETABLE  GAUGE USE  TO MORNINGE  MOISTURE:  Solution  Solution	□ Not applicable □ Uses are: □ (Submit safety analysis supporting safe use)
✓		Americium- 241	Sealed source manufacturer or distributor and model number:  Device manufacturer or distributor and model number:	Not to exceed either the maximum activity per source or maximum activity per device as specified in Sealed Source and Device Registration Certificate	Yes Specific description of the gauge use:	□ Not applicable  □ Uses are:  (Submit safety analysis supporting safe use)

#### APPENDIX B

Other Isotope (Specify):  Other Isotope (Specifical in Specifical in Specifica	Yes No	Radioisotope	Manufacturer or Distributor Model No.	Quantity	Use As Listed on SSD Certificate	Specify Other Uses Not Listed on SSD Certificate
(Specify):  or distributor and model number:  Device manufacturer or distributor and model number:  Device manufacturer or distributor and model number:  Specific description of the gauge use:  maximum activity per device as specified in Sealed Source and Device  Specific description of the gauge use:  (Same approximately per device as specified in Sealed Source and Device use)			or distributor and model number:  Device manufacturer or distributor and model	either the maximum activity per source or maximum activity per device as specified in Sealed Source and Device Registration	Specific description of	□ Not applicable □ Uses are: □ (Submit safety analysis supporting safe use)
Registration   Certificate	~		or distributor and model number:  Device manufacturer or distributor and model	either the maximum activity per source or maximum activity per device as specified in Sealed Source and Device Registration	Specific description of	☐ Not applicable ☐ Uses are: ☐ (Submit safety analysis supporting safe use)

# ITEMS 7 THROUGH 11: TRAINING AND EXPERIENCE, FACILITIES AND EQUIPMENT, RADIATION SAFETY PROGRAM, AND WASTE DISPOSAL

	Item No. And Title	Suggested Response	Yes	Alternative Procedures Attached
7.	INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE – RADIATION SAFETY OFFICER	Before obtaining licensed materials, the proposed RSO will have successfully completed one of the training courses described in Criteria in the section entitled "Individual(s) Responsible for Radiation Safety Program and Their Training and Experience – Radiation Safety Officer" in NUREG-1556, Vol. 1, Rev. 1, dated November 2001.	*	
8.	TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS	Before using licensed materials, authorized users will have successfully completed one of the training course described in Criteria in the section entitled "Training for Individuals Working In or Frequenting Restricted Areas" in NUREG-1556, Vol. 1, Rev 1, dated November 2001.		
9.	FACILITIES AND EQUIPMENT	No information needs to be submitted in response to this item; key issues are addressed under "Radiation Safety Program – Public Dose" and "Radiation Safety Program – Operating and Emergency Procedures."	Separate Item 9 Response Need Not Be Submitted With Application	
10.	RADIATION SAFETY PROGRAM – AUDIT PROGRAM	The applicant is <i>not</i> required to, and should not, submit its audit program to NRC for review during the licensing phase.	Need Not Be Submitted With Application	
10.	RADIATION SAFETY PROGRAM – TERMINATION OF ACTIVITIES	The applicant is <i>not</i> required to submit a response to the termination of activities section during the initial application. However, when the license expires when the licensee ceases operation, NRC Form 314 must be submitted.		ot Be Submitted oplication
10.	RADIATION SAFETY PROGRAM – SURVEY INSTRUMENTS	We will either possess and use, or have access to and use, a radiation survey meter that meets the Criteria in the section entitled "Radiation Safety Program – Instruments" in NUREG-1556, Vol. 1, Rev. 1, dated November 2001.	Ø	

#### APPENDIX B

	Item No. And Title	Suggested Response	Yes	Alternative Procedures Attached
10.	RADIATION SAFETY PROGRAM – MATERIAL RECEIPT AND ACCOUNTABILITY	Physical inventories will be conducted at intervals not to exceed 6 months, to account for all sealed sources and devices received and possessed under the license.	<b>A</b>	
10.	RADIATION SAFETY PROGRAM - OCCUPATIONAL DOSIMETRY	Either we will maintain, for inspection by NRC, documentation demonstrating that unmonitored individuals are not likely to receive a radiation dose in excess of 10 percent of the allowable limits in 10 CFR Part 20, or we will provide dosimetry processed and evaluated by an NVLAP-approved processor that is exchanged at a frequency recommended by the processor.	₩	
10.	RADIATION SAFETY PROGRAM – PUBLIC DOSE	The applicant is <i>not</i> required to submit a response to the public dose section during the licensing phase. This matter will be examined during an inspection.	Need Not Be Submitted With Application	
10.	RADIATION SAFETY PROGRAM – OPERATING AND EMERGENCY PROCEDURES	We will implement and maintain the operating and emergency procedures in Appendix H of NUREG-1556, Vol. 1, Rev. 1, dated November 2001, and provide copies of these procedures to all gauge users and at each job site.	<b>2</b>	
		OR  Operating and emergency procedures will be developed, implemented, and maintained and will meet the criteria in the section entitled "Radiation Safety Program – Operating and Emergency Procedures" in NUREG-1556, Vol. 1, Rev. 1, dated November 2001.		
10.	RADIATION SAFETY PROGRAM – LEAK TEST	Leak tests will be performed at intervals approved by NRC or an Agreement Sate and specified in the Sealed Source and Device Registration Sheet. Leak tests will be performed by an organization authorized by NRC or an Agreement State to provide leak testing services for other licensees or using a leak test kit supplied by an organization authorized by NRC or an Agreement State to provide leak test kits to other licensees and according to the kit supplier's instructions.	\$	The information in Appendix J supporting a request to perform leak testing and sample analysis is attached.

Item No. And Title	Suggested Response	Yes	Alternative Procedures Attached
10. RADIATION SAFETY	Routine Cleaning and Lubrication	,	
PROGRAM – MAINTENANCE	We will implement and maintain procedures for routine maintenance of our gauges according to each manufacturer's recommendations and instructions.  Non-Routine Maintenance	<b>3</b>	
	We will send the gauge to the manufacturer or other person authorized by NRC or an Agreement State to perform non-routine maintenance or repair operations that require the removal of the source or source rod from the gauge.	<b>19</b>	The information listed in Appendix G supporting a request to perform non-routine maintenance in-house is attached.
10.RADIATION SAFETY PROGRAM - TRANSPORTATION	The applicant is <i>not</i> required to submit its response to transportation during the licensing process. However, this issue will be reviewed during inspection.		ot Be Submitted oplication
11. WASTE MANAGEMENT – GAUGE DISPOSAL AND TRANSFER	The applicant is <i>not</i> required to submit a response to waste management during the licensing process. However, the licensee should develop, implement, and maintain gauge transfer and disposal procedures in its radiation protection program.		ot Be Submitted oplication

This is to acknowledge the receipt of	of your letter/application dated
includes an administrative review h	nd to inform you that the initial processing which as been performed.
MEW LICENSE MILL There were no administrative on	nissions. Your application was assigned to a that the technical review may identify additional
Please provide to this office with	in 30 days of your receipt of this card
A copy of your action has been forv Branch, who will contact you separa	varded to our License Fee & Accounts Receivable ately if there is a fee issue involved.
Your action has been assigned <b>Mai</b> When calling to inquire about this a You may call us on (610) 337-5398	ction, please refer to this control number, or 337-5260.
NRC FORM 532 (RI) (6-96)	Sincerely, Licensing Assistance Team Leader

.

	: (FOR LFMS ÜSE) : INFORMATION FROM LTS
BETWEEN:	:
License Fee Management Branch, ARI and Regional Licensing Sections	Program Code: 03121 Status Code: 3 Fee Category: Exp. Date: 0 Fee Comments: Decom Fin Assur Reqd:
LICENSE FEE TRANSMITTAL	
A. REGION <b>I</b>	
1. APPLICATION ATTACHED Applicant/Licensee: BAY STAT Received Date: 20071009 Docket No: 3037556 Control No.: 141154 License No.: /9-7/4 Action Type: New Lice	280-01
2. FEE ATTACHED \$1,200.00 Amount: Check No.: 27544	
3. COMMENTS Si	gned M. A. Parlim te 10/9/2007
B. LICENSE FEE MANAGEMENT BRANCH	(Check when milestone 03 is entered //)
1. Fee Category and Amount:	
2. Correct Fee Paid. Applicatio Amendment Renewal License	n may be processed for:
3. OTHER	
Si	gned

Date