

(10-64)  
10 CFR 30, 32, 33  
34, 35, 36, 39 and 40

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 9 HOURS. SUBMITTAL OF THE APPLICATION IS NECESSARY TO DETERMINE THAT THE APPLICANT IS QUALIFIED AND THAT ADEQUATE PROCEDURES EXIST TO PROTECT THE PUBLIC HEALTH AND SAFETY. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (T-8 F33), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555-0001, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0120), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

# APPLICATION FOR MATERIAL LICENSE

INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY  
OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS  
U.S. NUCLEAR REGULATORY COMMISSION  
WASHINGTON, DC 20555-0001

ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:

IF YOU ARE LOCATED IN:

CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, PENNSYLVANIA, RHODE ISLAND, OR VERMONT, SEND APPLICATIONS TO:

LICENSING ASSISTANT SECTION  
NUCLEAR MATERIALS SAFETY BRANCH  
U.S. NUCLEAR REGULATORY COMMISSION, REGION I  
475 ALLENDALE ROAD  
KING OF PRUSSIA, PA 19406-1415

ALABAMA, FLORIDA, GEORGIA, KENTUCKY, MISSISSIPPI, NORTH CAROLINA, PUERTO RICO, SOUTH CAROLINA, TENNESSEE, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO:

US NRC RII-ATLANTA FEDERAL CENTER  
SUITE 237B5, ATTN: ONMS  
61 FORSYTH STREET  
ATLANTA, GA 30303

IF YOU ARE LOCATED IN:

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO:

MATERIALS LICENSING SECTION  
U.S. NUCLEAR REGULATORY COMMISSION, REGION III  
801 WARRENVILLE RD.  
LISLE, IL 60532-4351

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH, WASHINGTON, OR WYOMING, SEND APPLICATIONS TO:

ATLC, P.L.C.

NUCLEAR MATERIALS LICENSING SECTION	
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV	
611 CENTINELA DRIVE, SUITE 100	
ARLINGTON, VA 22204-4054	
CHECK NO.	14888
Amount	\$1300
Fee Category	3P
Type of Fee	APP
Date Check Rec'd	11/4/99
Date Completed	

200 NOV - 4 PM '99

PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.

1. THIS IS AN APPLICATION FOR (Check appropriate item)

A. NEW LICENSE

B. AMENDMENT TO LICENSE NUMBER \_\_\_\_\_

C. RENEWAL OF LICENSE NUMBER \_\_\_\_\_

2. NAME AND MAILING ADDRESS OF APPLICANT (Include Zip code)

ATLC, P.L.C.  
21351 Ridgetop Circle, Suite 250  
Dulles, Virginia 20166

3. ADDRESS(ES) WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Bruce D. Boltz, P.E.

TELEPHONE NUMBER  
(703) 430-7500

SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

5. RADIOACTIVE MATERIAL  
a. Element and mass number, b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time. See Attached.

6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED. See Attached

7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE. See Attached.

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS. See Attached

9. FACILITIES AND EQUIPMENT. N/A

10. RADIATION SAFETY PROGRAM. See Attached

11. WASTE MANAGEMENT. N/A

12. LICENSEE FEES (See 10 CFR 170 and Section 170.31)  
FEE CATEGORY 3P AMOUNT ENCLOSED \$ 1,300.00

13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.

THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 39 AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

CERTIFYING OFFICER - TYPED/PRINTED NAME AND TITLE  
William A. Caruthers, Jr. Chief Operating Officer

SIGNATURE  
*[Signature]*

DATE  
11/1/99

### FOR NRC USE ONLY

TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
			\$		
APPROVED BY				DATE	

258600

*AEA label =  
Amersham*

**ITEMS 5 & 6: MATERIALS TO BE POSSESSED AND PROPOSED USES**

YES	NO	RADIOISOTOPE	MANUFACTURER/ MODEL NO.	QUANTITY	MOST COMMON USE	SPECIFY OTHER USES NOT LISTED ON SSD CERTIFICATE
		<i>CDCW-556</i>				
X		Cesium-137 Sealed Source #102112 9MCI	Sealed sources in Compatible gauges as specified in Sealed Source and Device Registration Sheet	Not to exceed maximum activity per source as specified in Sealed Source and Device Registration Sheet	Measure Physical Properties of Materials	<input type="checkbox"/> Not applicable <input checked="" type="checkbox"/> Uses are: <i>4640</i> Thin Lift Asphalt Gage
X		Americium-241 Sealed Source #102451 44MCI	Sealed neutron sources in compatible gauges as specified in Sealed Source and Device Registration Sheet	Not to exceed maximum activity per source as specified in Sealed Source and Device Registration Sheet	Measure Physical Properties of Materials	<input type="checkbox"/> Not applicable <input checked="" type="checkbox"/> Uses are: <i>3400</i> Moisture/ Density Gage
		<i>AMNV-997</i> Californium-252	Sealed neutron sources in compatible gauges as specified in Sealed Source and Device Registration Sheet	Not to exceed maximum activity per source as specified in Sealed Source and Device Registration Sheet	Measure Physical Properties of Materials	<input checked="" type="checkbox"/> Not applicable <input type="checkbox"/> Uses are:
		Other (specify)				
<b><u>FINANCIAL ASSURANCE REQUIRED AND EVIDENCE OF FINANCIAL ASSURANCE PROVIDED</u></b>						

*model no. &  
vendor not  
specified!*

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

ITEM NO. AND TITLE	RESPONSE	YES	ALTERNATIVE PROCEDURES ATTACHED
7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE. - RADIATION SAFETY OFFICER  Name: <u>Bruce D. Boltz</u>	Before obtaining licensed materials, the proposed <i>RSO</i> 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, dated May 1997.  AND Before being named as the <i>RSO</i> , future <i>RSOs</i> 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, May 1997.	<input checked="" type="checkbox"/>	[ ]
8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS	Before using licensed materials, authorized users will have successfully completed 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, dated May 1997.	<input checked="" type="checkbox"/>	[ ]
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."	<b>Separate Item 9 Response Need Not Be Submitted With Application</b>	
10. RADIATION SAFETY PROGRAM - AUDIT PROGRAM	The applicant is <u>not</u> required to, and should not, submit its audit program to the <i>NRC</i> for review during the licensing phase.	<b>Need Not Be Submitted With Application</b>	
10. RADIATION SAFETY PROGRAM - TERMINATION OF ACTIVITIES	The applicant is <u>not</u> required to submit a response to the termination of activities section during the initial application. However, when the license expires or at the time the license ceases operations, <i>NCR Form 341</i> must be submitted.	<b>Need Not Be Submitted With Application</b>	
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, dated May 1997, in the event of an incident.	<input checked="" type="checkbox"/>	[ ]
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.	<input checked="" type="checkbox"/>	[ ]
10. RADIATION SAFETY PROGRAM - OCCUPATIONAL DOSIMETRY	Either we will maintain, for inspection by <i>NRC</i> , documentation demonstrating that unmonitored individuals are not likely to receive a radiation dose in excess of 10% of the allowable limits in 10 CFR Part 20 or we will provide dosimetry processed and evaluated by a <i>NVLAP</i> -approved processor that is exchanged at a frequency recommended by the processor.	<input checked="" type="checkbox"/>	[ ]
10. RADIATION SAFETY PROGRAM - PUBLIC DOSE	The applicant is <u>not</u> required to submit a response to the public dose section during the licensing phase. This matter will be examined during an inspection.	<input checked="" type="checkbox"/>	[ ]

