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Director

**APPLICATION FOR RADIOACTIVE MATERIAL LICENSE**

*INSTRUCTIONS: Complete Items 1-21 if this is an initial application or renewal application of a license. Read the instructions attached to this application. Use supplemental sheets where necessary. Item 22 must be completed and signed. Retain one copy of this application. Submit entire application in duplicate to the above address.*

1. This is an application for ( <i>check appropriate item</i> ) <input type="checkbox"/> New License PRC Number _____  <input type="checkbox"/> Renewal of License No. _____ Expiration Date of Current License _____	2. Facility Name, Mailing Address, and Phone Number of Applicant, including Zip Code and E-mail Address ( <i>Institution, Firm, Clinic, Physician, etc.</i> ).
3. Address(es) and phone number where radioactive material will be used or possessed ( <i>P.O. Box numbers are not acceptable</i> ).	4. Name of person to be contacted about this application.  <div style="text-align: center;">Telephone number.</div>
5. RADIATION SAFETY OFFICER (RSO): Name of person appointed as RSO and title. Attach: Duties and Responsibilities; Training and Experience ( <i>complete Supplement</i> ); Letter of RSO Appointment; Letter of Authority Signed by Management; Letter of Acceptance by RSO.	

**RADIOACTIVE MATERIALS**

6. Element and Mass Number	7. Chemical/Physical Form	8. Maximum Possession Limit Millicuries	9. Use of Radioactive Material
A.	A.	A.	A.
B.	B.	B.	B.
C.	C.	C.	C.
D.	D.	D.	D.

*For items 10 through 19, check the appropriate box(es) and submit a detailed description of the requested information. Begin each item on a separate sheet. Identify the item number and the date of the application in the lower right corner of each page. If you indicate that an appendix to the NUREG guide will be adopted, do not submit the pages, but specify the corresponding volume, appendix number, revision or date of the guide.*

10. INDIVIDUALS RESPONSIBLE FOR RADIATION PROTECTION PROGRAM <input type="checkbox"/> Names and Titles; and <input type="checkbox"/> Specialties and Duties.	10a. TRAINING AND EXPERIENCE PROGRAM  <input type="checkbox"/> Training Certificates and Experience; and <input type="checkbox"/> Training Program for Ancillary Personnel.
11. FACILITY <input type="checkbox"/> Description and Diagram.	

12. EQUIPMENT ( <i>check all applicable</i> )		16. EFFLUENT MONITORING AND CONTROL	
<input type="checkbox"/>	Description and Safety Operating Procedures; and	<input type="checkbox"/>	Procedures and Calculations Provided.
<input type="checkbox"/>	Calibration, Maintenance, and Servicing Procedures; or	17. WASTE DISPOSAL ( <i>check one</i> )	
<input type="checkbox"/>	NUREG Appendix Adopted ( <i>enter applicable NUREG-1556 volume and appendix</i> )	<input type="checkbox"/>	Disposal Procedures Provided; or
<input type="checkbox"/>	NUREG Appendix Adopted ( <i>enter applicable NUREG-1556 volume and appendix</i> )	<input type="checkbox"/>	NUREG Appendix Adopted ( <i>enter applicable NUREG-1556 volume and appendix</i> )
13. RADIATION DETECTION INSTRUMENTS		18. DECOMMISSIONING AND DECONTAMINATION PLAN ( <i>check one</i> )	
<input type="checkbox"/>	Description, Specifications ( <i>see instructions</i> ) and Operating Procedures; and	<input type="checkbox"/>	Facility-Specific Procedures Provided; or
<input type="checkbox"/>	Calibration, Maintenance, and Servicing Procedures; or	<input type="checkbox"/>	Commitment to 20.3.3.318 NMAC.
<input type="checkbox"/>	NUREG Appendix Adopted ( <i>enter applicable NUREG-1556 volume and appendix</i> )	19. RECORDS, REPORTS, AND NOTIFICATIONS ( <i>check one</i> )	
14. PERSONNEL DOSIMETRY PROGRAM ( <i>check one</i> )		<input type="checkbox"/>	NUREG Appendix Adopted ( <i>enter applicable NUREG-1556 volume and appendix</i> ); or
<input type="checkbox"/>	Completed Table below; or	<input type="checkbox"/>	Procedures Provided.
<input type="checkbox"/>	Documentation demonstrating appropriate doses.	20. LICENSE FEES (see 20.3.16 NMAC)	
15. RADIATION PROTECTION PROGRAM		<input type="checkbox"/>	Applicant: <i>I understand that annual licensure fees will apply based on type of license requested.</i>
<input type="checkbox"/>	ALARA Policy Commitment; and	<input type="checkbox"/>	License Holder: <i>I have paid in full all annual fees to date.</i>
<input type="checkbox"/>	Radiation Protection Program with Applicable Sections for the type of license requested ( <i>see instructions</i> ).		

ITEM 14 - PERSONNEL DOSIMETRY PROGRAM: TABLE			
14a. PERSONNEL DOSIMETRY ( <i>check appropriate box</i> )		14b. STATE AND NVLAP APPROVED SUPPLIER	14c. EXCHANGE FREQUENCY
WHOLE BODY	<input type="checkbox"/> FILM		
	<input type="checkbox"/> TLD		
	<input type="checkbox"/> OTHER ( <i>Specify</i> )		
FINGER	<input type="checkbox"/> FILM		
	<input type="checkbox"/> TLD		
	<input type="checkbox"/> OTHER ( <i>Specify</i> )		
WRIST	<input type="checkbox"/> FILM		
	<input type="checkbox"/> TLD		
	<input type="checkbox"/> OTHER ( <i>Specify</i> )		
14d. BIOASSAY ( <i>Describe conditions requiring bioassay, frequency, action levels, regulatory guide adopted, etc.</i> )			
21. The applicant has reviewed Table 1 of the Instructions and certifies that is <input type="checkbox"/> Not subject to Increased Controls requirements based on the quantities of radioactive materials requested; or <input type="checkbox"/> Subject to Increased Controls requirements based on the quantities of radioactive materials requested and the requirements of the U.S. NRC Order, EA-05-090, will be implemented as described in this application ( <i>Attach a description of how the requirements will be met</i> ).			
22. CERTIFICATE ( <i>This item must be completed by the applicant</i> )			
22a. The undersigned 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 the New Mexico Radiation Protection Regulations (20.3.3 NMAC), and that all information contained herein, including any supplements attached hereto, is true and correct to the best of their knowledge and belief.			
22b. APPLICANT ( <i>Signature</i> );		OR/AND	CERTIFYING AGENT ( <i>Signature</i> )
APPLICANT NAME ( <i>Type or Print</i> );		OR/AND	CERTIFYING AGENT NAME ( <i>Type or Print</i> )
TITLE			
DATE			

**RADIOACTIVE MATERIAL LICENSE  
INSTRUCTIONS FOR COMPLETING FORM RPS-16**

A new applicant for a radioactive material license should complete form RPS-16 in detail. The applicant should endeavor to cover the entire radioisotope program with one application, if possible. Supplemental sheets with clear reference to the application item should be appended, when necessary, to provide complete information. All supplemental sheets that are submitted with the application must be numerated, dated, and cross-referenced to the item in the application or topic to which it refers.

Additional information on completing this application form can be found on the web site listed on page 4. The NUREG-1556 guides give specific instructions and sample procedures for each type of license on all items in this application form. If model procedures from a specific license guide have been adopted, the applicant must specify the volume number and appendix letter in the application form in the allotted space. If the applicant decides to adopt model procedures from the NUREG guidance, some facility-specific information is necessary to be submitted, in order to complete the application. A full set of the New Mexico Radiation Protection Regulation may be downloaded from the web site:

<http://www.nmcpr.state.nm.us/nmac/title20/T20C003.htm>

If you are renewing an existing New Mexico license, fill-out Items 1-9, and 20 through 22 of the application form and provide an updated Radiation Protection Program. You must fill-out and provide documentation on other items from the application if significant changes to those items (procedures) have occurred during the last 5 years of operation under the license.

The applicant should retain a copy of the completed application. **Submit two copies of completed application form and all supporting documentation to the New Mexico Environment Department, Radiation Control Bureau, PO Box 26110, 1190 Saint Francis Drive, Suite S2100, Santa Fe, New Mexico, 87502-6110.**

**Item 1. Type of License:** The applicant must check the type of license requested. For new license application the applicant shall submit their registration number issued by the Public Regulation Commission (PRC Number) or specify whether their business is registered with the New Mexico Taxation and Revenue Department to do business in New Mexico.

**Item 2. Facility Name, Mailing Address, and Phone Number:** The "applicant" is the organization or person legally responsible for possession and use of the radioactive materials specified in the application. Address should indicate mailing address, zip code, telephone number fax number, and e-mail address of the applicant.

**Item 3. Address where radioactive materials will be possessed:** Indicate address at which radioactive material will be possessed and used, if different from the one listed in 1(a), and indicate if radioactive material will be used at temporary job sites throughout New Mexico not under exclusive federal jurisdiction. A post office box number is not acceptable for actual location of use or possession of radioactive material.

**Item 4. Name and phone of contact person:** Identify the individual who can answer questions about the application and include his or her telephone number. This is typically the proposed Radiation Safety Officer (RSO), unless the applicant has named a different person as the contact.

**Item 5. Radiation Safety Officer:** Attach documentation demonstrating the training and experience of the appointed RSO, including completed Supplement, and identify the duties and responsibilities as authorized by the applicant in accordance with signed letter of authorization for the RSO, and accepted in accordance with a letter of acceptance signed by the appointed RSO.

**Item 6. Element and mass number:** Fill out this item for each radioisotope. List the name of each radioisotope and its mass number.  
Example: "carbon-14", "cobalt-60", etc.

**Item 7. Chemical/Physical Form:** List the chemical and/or physical form for each radioisotope as it is going to be used by the applicant.

**Item 8. Maximum possession limit:** List the maximum activity and quantity to be possessed at any one time, including material held for storage, or as waste. If more than one chemical or physical form of a particular radioisotope is desired, a separate possession limit should be stated for each form.

Example: An applicant desiring to use two chemical forms of iodine-131 must specify both the form and possession limit for each form:

Iodine-131	Iodide	10 millicuries
Iodine-131	Iodinated Human Serum Albumin	5 millicuries

If the radioactive material is contained in sealed sources, then the applicant must specify the manufacturer, model number, quantity and activity of each sealed source and provide its Sealed Source and Device Registry (SSDR) sheet or SSDR number.

Example: Cobalt-60 Iso Corp. Model Z-54 3 sealed sources not to exceed 100 millicuries each.

For experimental programs, or new and unusual uses, the maximum single use of radioactive material to be possessed/used should be included and the approximate number and frequency of such uses. The intended use should be outlined in detail, demonstrating radiological health safety.

**Item 9. Use of radioactive material:** Describe the proposed use of each radioisotope in the chemical form specified in Item 7. If sealed sources are used, indicate the compatible devices as per Sealed Source and Device Registry.

**Item 10. Individuals responsible for Radiation Protection Program:** List all “individuals responsible for Radiation Protection Program” who will be authorized to use the radioactive materials in the applicant’s facility. Authorized users (AUs) are all individuals who will actually be responsible for the safe use of the radioactive material for the requested use.

**Item 10a. Training and experience program:** Provide all training certificates and documentation that would demonstrate sufficient training and experience to work with the radioactive materials for each user of radioactive material. An applicant should note which user will be involved with a particular use by referring to Items 6 through 9 of the application and providing information about the user’s training and experience for the specified radioisotope. The applicant should provide training program (procedures or instructions) for ancillary personnel working in the facility that may work in or frequent restricted areas but are not AUs.

**Item 11. Facility:** Describe your facility, shielding (if applicable), and provide a facility diagram where radioactive materials will be used and stored. The “facility” is the building, remote handling equipment (e.g. vehicles, mobile coaches, etc.), storage containers and areas, shielding, fume hoods, cold traps, etc. The construction and location of the facility and ancillary equipment must be adequate to adequately secure radioactive materials, protect public health, and minimize danger to life and property.

**Item 12. Equipment:** Describe all radioactive-related equipment that will be used in the facility or remote job sites, any special or safety operating procedures associated with it, manufacturing specifications, serial numbers, securing devices or areas, and any other equipment-specific information.

**Item 13. Radiation detection instruments:** Describe the radiation detection and measuring instruments that will be used for radiation protection, including survey and monitoring instruments needed to monitor the adequacy of radioactive materials containment and contamination control. Include the following information in the description: make and model, serial number, probe type, instrument range, type of radiation detected, and proposed use of the instrumentation. Provide procedures for calibration of the radiation detection instruments. A person is qualified to perform calibration activities only when registered and certified by New Mexico Environment Department. If the applicant is requesting to be authorized to do calibrations through their license application, then the applicant must provide calibration procedures, description of the equipment calibrations will be performed with, description of the standard sources to be used, and the names and training of the individuals conducting the calibrations. The applicant may choose to use the services of registered vendors in the State of New Mexico.

**Item 14. Personnel dosimetry program:** Describe the personnel dosimetry program, which must contain provisions that personnel monitoring devices be worn so that the part of the body likely to receive the greatest dose will be monitored. When personnel monitoring is provided, the monitoring badges must be supplied by a service provider holding current personnel dosimetry accreditation from the National Voluntary Laboratory Accreditation Program (NVLAP) and certified by the State of New Mexico. If the applicant does not have a personnel dosimetry program, then the applicant must demonstrate that unmonitored individuals are not likely to receive, in 1 year, a radiation dose in excess of 500 mrem.

**Item 15. Radiation Protection Program:** The Radiation Protection Program (RPP) must include a commitment to the ALARA (as low as is reasonably achievable) policy and description of procedures that will ensure ALARA exposure to the public and personnel. The RPP will include different sections depending on the type of license requested. Sections that are common for all licenses are:

1. Organizational structure diagram;
2. Program Audit;
3. Operating and emergency procedures, including theft and retrieving of sources and devices;
4. Annual audit of the RPP;
5. Material receipt, accountability and inventory;
6. Area surveys and leak tests (If the applicant is requesting to be authorized to do analyses of leak test samples through their license application, then the applicant must provide leak test analyses procedures, description of the equipment analyses will be performed with, description of the standard sources to be used, and the names and training of the individuals conducting the analyses);
7. Equipment maintenance, including routine and non-routine; and
8. Transportation, including transportation to field/job locations;

These items should be completed on supplemental sheets in accordance with the corresponding guidance (see page 7). The content of each section must be consistent with the corresponding NUREG-1556 volume depending on the type of license requested. If the applicant adopts any model procedures described in appendices to a specific guidance, then the applicant must specify the volume and appendix number of the procedures adopted. Furthermore, if the applicant adopts any model procedure from a NUREG guide, some facility-specific information must be submitted with this application.

**Item 16. Effluent monitoring and control:** Describe the procedures and engineering controls, which will control doses ALARA resulting from the releases of gaseous or liquid effluents. Survey and effluent monitoring, including calculations (if applicable), should be included as a part of this item. Guidance on this item can be found on the web site <http://www.nrc.gov/reading-rm/doc-collections/reg-guides/occupational-health/active/8-37/index.html>

**Item 17. Waste disposal:** Provide provisions for waste disposal of licensed material. Procedures for radioactive material/waste returns must ensure that the material/waste is sent to an authorized recipient.

**Item 18. Decommissioning and decontamination plan:** The applicant must determine what documentation and financial assurance must be submitted based on the type of radioactive material to be stored and handled at the facility as described in 20.3.3.311 NMAC<sup>1</sup>. Based on that determination, the applicant should submit procedures on decommissioning the facility where radioactive materials are stored and handled, or commit to follow the requirements of 20.3.3.318 NMAC when decommissioning is initiated.

**Item 19. Records, reports, and notifications:** Describe operating procedures for collecting the appropriate records and the retention time for each type of record.

**Item 20. License fees:** The applicant must understand that licensure fees will be applied pursuant to 20.3.16 NMAC, when this license application is approved by the NMED. No license fees need to be provided with the application for new license. The annual license fees are due after one year of operation under the approved NMED license. License holders must state whether they have paid in full their annual fees. License renewals will not be processed if the licensee has outstanding balances, and the corresponding license shall expire on the expiration date on the license.

**Item 21. Increased Controls:** The applicant must review the quantities of concern listed below in Table 1 and determine whether or not is subject to the Increased Controls (ICs) requirements as described in the U.S. NRC, Order EA-05-090. A copy of the order may be downloaded from the links indicated on the web site: <http://www.nrc.gov/reading-rm/doc-collections/enforcement/security/#8> (scroll down).

**Item 22. Certificate:** The applicant or the certifying agent is required to sign and date the application and certificate statement. "Certifying agent" is a representative of the individual or organization, or a legal entity, who is authorized to make binding commitments and to sign official documents on behalf of the applicant.

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<sup>1</sup> <http://www.nmcpr.state.nm.us/nmac/parts/title20/20.003.0003.htm>

APPLICANTS SUBJECT TO INCREASED CONTROLS (ICs)

TABLE 1: RADIONUCLIDES OF CONCERN

Radionuclide	Quantity of Concern <sup>1</sup> (TBq)	Quantity of Concern <sup>2</sup> (Ci)
Am-241	0.6	16
Am-241/Be	0.6	16
Cf-252	0.2	5.4
Cm-244	0.5	14
Co-60	0.3	8.1
Cs-137	1	27
Gd-153	10	270
Ir-192	0.8	22
Pm-147	400	11,000
Pu-238	0.6	16
Pu-239/Be	0.6	16
Se-75	2	54
Sr-90 (Y-90)	10	270
Tm-170	200	5,400
Yb-169	3	81
Combinations of radioactive materials listed above <sup>3</sup>	See Footnote Below <sup>4</sup>	

<sup>1</sup> The aggregate activity of multiple, collocated sources of the same radionuclide should be included when the total activity exceeds the quantity of concern.

<sup>2</sup> The primary values used for compliance with implementing the Increased Controls are terabecquerels (TBq). The curie (Ci) values are rounded to one significant figure for informational purposes only.

<sup>3</sup> Radioactive materials are to be considered aggregated or collocated if breaching a common physical security barrier (e.g., a locked door at the entrance to a storage room) would allow access to the radioactive material or devices containing the radioactive material.

<sup>4</sup> If several radionuclides are aggregated, the sum of the ratios of the activity of each source,  $i$  of radionuclide,  $n$ ,  $A_{(i,n)}$ , to the quantity of concern for radionuclide  $n$ ,  $Q_{(n)}$ , listed for that radionuclide exceeds one.  $[(\text{aggregated source activity for radionuclide A}) \div (\text{quantity of concern for radionuclide A})] + [(\text{aggregated source activity for radionuclide B}) \div (\text{quantity of concern for radionuclide B})] + \text{etc.} \dots \geq 1$

***Determining Which Sources Require Increased Controls***

Use the following method to determine which sources of radioactive material require increased controls (ICs):

- Include any single source larger than the quantity of concern in Table 1.
- Include multiple co-located sources of the same radionuclide when the combined quantity exceeds the quantity of concern.

- For combinations of radionuclides, include multiple co-located sources of different radionuclides when the aggregate quantities satisfy the following unity rule: [(amount of radionuclide A) ÷ (quantity of concern of radionuclide A)] + [(amount of radionuclide B) ÷ (quantity of concern of radionuclide B)] + etc..... $\geq 1$ .

#### Guidance for Aggregation of Sources

The U.S. Nuclear Regulatory Commission (NRC) supports the use of the IAEA's source categorization methodology as defined in TECDOC-1344, "Categorization of Radioactive Sources," (July 2003) (see [http://www-pub.iaea.org/MTCD/publications/PDF/te\\_1344\\_web.pdf](http://www-pub.iaea.org/MTCD/publications/PDF/te_1344_web.pdf)) and as endorsed by the agency's Code of Conduct for the Safety and Security of Radioactive Sources, January 2004 (see <http://www-pub.iaea.org/MTCD/publications/PDF/Code-2004.pdf>). The Code defines a three-tiered source categorization scheme. Category 1 corresponds to the largest source strength (greater than 100 times the quantity of concern values listed in Table 1.) and Category 3, the smallest (equal or exceeding one-tenth the quantity of concern values listed in Table 1.). ICs apply to sources that are greater than the quantity of concern values listed in Table 1, plus aggregations of smaller sources that add up to greater than the quantities in Table 1. Aggregation only applies to sources that are co-located.

Licensees who possess sources in total quantities that exceed the Table 1 quantities are required to implement ICs. Where there are many small (less than the quantity of concern values) co-located sources whose total aggregate activity exceeds the Table 1 values, licensees are to implement ICs.

Some source handling or storage activities may cover several buildings, or several locations within specific buildings. The question then becomes: When are sources considered co-located for purposes of aggregation? For purposes of the ICs, sources are considered co-located if breaching a single security barrier (e.g., a locked door at the entrance to a storage room) would allow access to the sources. Sources behind an outer barrier should be aggregated separately from those behind an inner barrier (e.g., a locked source safe inside the locked storage room). However, if both barriers are simultaneously open, then all sources within these two barriers are considered to be co-located. This logic should be continued for other barriers within or behind the inner barrier.

The following example illustrates the point. A lockable room has sources stored in it. Inside the lockable room, there are two shielded safes with additional sources in them. Inventories are as follows:

1. The room has the following sources outside the safes: Cf-252, 0.12 Tbq (0.3 Ci); Po-210, 0.36 TBq (10 Ci), and Pu-238, 0.3 Tbq (8 Ci). Application of the unity rule yields:  $(0.012 \div 0.2) + (0.36 \div 0.6) + (0.3 \div 0.6) = 0.06 + 0.6 + 0.5 = 1.2$ . Therefore, the sources would require ICs. If the sources are distributed and shipped individually, ICs would not apply because they do not exceed the quantities in Table 1.
2. Shielded safe #1 has a 1.9 Tbq (51 Ci) Cs-137 source and a 0.75 Tbq (20 Ci) Ra-226 source. The Ra-226 source (not a radionuclide listed on Table 1) is co-located with a source on Table 1 that exceeds the quantity of concern. Therefore the ICs for the Cs-137 source also cover the Ra-226 source.
3. Shielded safe #2 has two Po-210 sources, each having an activity of 0.2 Tbq (5 Ci). In this case, neither source would require ICs. (Total activity = 0.4 Tbq (10 Ci)). They do not exceed the threshold quantity 0.6 Tbq (20 Ci).

Because certain barriers may cease to exist during source handling operations (e.g., a storage location may be unlocked during periods of active source usage), licensees should, to the extent practicable, consider two modes of source usage: "operations" (active source usage) and "shutdown" (source storage mode). Whichever mode results in the greatest inventory (considering barrier status) would require ICs for each location.

NRC NUREG-1556 VOLUMES 1 THROUGH 20

Guidance can be downloaded from the web site

<http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1556/>

<a href="#">Vol. 1, Rev. 1</a>	Program-Specific Guidance About Portable Gauge Licenses
<a href="#">Vol. 2</a>	Program-Specific Guidance About Industrial Radiography Licenses
<a href="#">Vol. 3, Rev. 1</a>	Applications for Sealed Source and Device Evaluation and Registration
<a href="#">Vol. 4</a>	Program-Specific Guidance About Fixed Gauge Licenses
<a href="#">Vol. 5</a>	Program-Specific Guidance About Self-Shielded Irradiator Licenses
<a href="#">Vol. 6</a>	Program-Specific Guidance About 10 CFR Part 36 Irradiator Licenses
<a href="#">Vol. 7</a>	Program-Specific Guidance About Academic, Research and Development, and Other Licenses of Limited Scope Including Gas Chromatographs and X-Ray Fluorescence Analyzers
<a href="#">Vol. 8</a>	Program-Specific Guidance About Exempt Distribution Licenses
<a href="#">Vol. 9</a> <a href="#">Vol. 9, Rev. 1</a>	Program-Specific Guidance About Medical Use Licenses
<a href="#">Vol. 10</a>	Program-Specific Guidance About Master Materials Licenses
<a href="#">Vol. 11</a>	Program-Specific Guidance About Licenses of Broad Scope
<a href="#">Vol. 12</a>	Program-Specific Guidance About Possession Licenses for Manufacturing and Distribution
<a href="#">Vol. 13</a>	Program-Specific Guidance About Commercial Radiopharmacy Licenses
<a href="#">Vol. 14</a>	Program-Specific Guidance About Well Logging, Tracer, and Field Flood Study Licenses
<a href="#">Vol. 15</a>	Guidance About Changes of Control and About Bankruptcy Involving Byproduct, Source, or Special Nuclear Materials Licenses
<a href="#">Vol. 16</a>	Program-Specific Guidance About Licenses Authorizing Distribution to General Licensees
<a href="#">Vol. 17</a>	Program-Specific Guidance About Licenses for Special Nuclear Material of Less than Critical Mass
<a href="#">Vol. 18</a>	Program-Specific Guidance About Service Provider Licenses
<a href="#">Vol. 19</a>	Guidance for Agreement State Licensees About NRC Form 241 Report of Proposed Activities in Non-Agreement States, Areas of Exclusive Federal Jurisdiction, or Offshore Waters and Guidance for NRC Licensees Proposing To Work in Agreement State Jurisdiction (Reciprocity)
<a href="#">Vol. 20</a>	Guidance About Administrative Licensing Procedures

GUIDANCE ON CONTENT OF RADIATION PROTECTION PROGRAM

Cross reference table of Radiation Protection Program (RPP) topics and the NRC NUREG-1556 guidance for most common type of licenses

<b>Type of License</b> <b>RPP Topic</b>	<b>Portable (DM) Gauge</b> <b>Volume 1, Rev 1</b>	<b>Industrial Radiographer</b> <b>Volume 2</b>	<b>Well Logging</b> <b>Volume 14</b>	<b>Broad Scope</b> <b>Volume 11</b>
Program Audit	Sec. 8.10.1 & App. F	Sec. 8.10.1 & App. I	Sec. 8.10.2 & App. M or App. G	Sec. 8.10.1 & App. M
Monitoring Instruments	Sec. 8.10.3	Sec. 8.10.2 & App. J	Sec. 8.10.3 & App. N	Sec. 8.10.2 & App. O
Material Receipt and Accountability	Sec. 8.10.4	Sec. 8.10.3	Sec. 8.10.4	Sec. 8.10.3 & App. P
Occupational and Public Dose	Sec. 8.10.5, Sec. 8.10.6, & App. I	Sec. 8.10.6, 8.10.7, App. L, & Sec. 8.10.9.5	Sec. 8.10.5, Sec. 8.10.6, App. O, & App. P	Sec. 8.10.4, 8.10.5, & App. Q
Operating and Emergency Procedures	Sec. 8.10.7 & App. H	Sec. 8.10.9, App. M, & App. P	Sec. 8.10.7 & App. Q	App. R
Minimization of Contamination	N/A	Sec. 8.10.4	Sec. 8.10.11	App. R
Transportation	Sec. 8.10.10 & App. K	Sec. 8.10.9.6 & App. N	Sec. 8.10.10 & App. S	Sec. 8.10.8 & App. U
Surveys	N/A	Sec. 8.10.9.2	N/A	Sec. 8.10.7 & App. S
Leak Tests	Sec. 8.10.8 & App. J	Sec. 8.10.5 & App. K	Sec. 8.10.8 & App. R	App. T
Maintenance	Sec. 8.10.9	Sec. 8.10.8, Sec. 8.10.9.7 & App. O	Sec. 8.10.9 &	N/A
Sealed Sources	N/A	Sec. 8.10.9.1 & Sec. 8.10.9.4	Sec. 8.10.12 & App. V	N/A
Temporary Job Sites	N/A	Sec. 8.10.9.3	N/A	N/A
Well Owner/Operator Agreements;	N/A	N/A	Sec. 8.10.1 & App. U	N/A
Waste Management	Sec. 8.11	Sec. 8.11	Sec. 8.11 & App. T	Sec. 8.11 & App. V
Decommissioning	N/A	Sec. 11	Sec. 11 & App. I	Sec. 11