



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, ILLINOIS 60532-4352

TELEFAX TRANSMITTAL

DATE January 8, 2014

NUMBER OF PAGES 23

SEND TO Sean Chapple - Howmet LaPorte Castings, NRC License SUB-1586

LOCATION LaPorte, Indiana

FAX NUMBER (219) 325-7261

VERIFY BY CALLING

FROM: Bill Reichhold
(Sender)

TELEPHONE NUMBER (630) 829-9839

FAX NUMBER (630) 515-1078

If you do not receive the complete fax transmittal, please contact the sender as soon as possible at the telephone number provided above.

MESSAGE See accompanying documents.

NOTICE

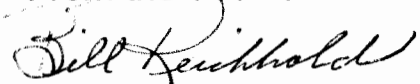
This message is intended only for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential, or exempt from disclosure under applicable law. If the reader of this message is not the intended recipient or the employee responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you received this communication in error, please notify the sender immediately by telephone and return the original to the above address, by U.S. Mail. Thank You.

1. The following additional information is needed to complete the review your renewal request. The information you submitted (October 14, 2013) for the renewal of the license for depleted uranium shielding appears to address a number of other devices such as laser, x-ray generating devices and x-ray cabinets. Please resubmit your renewal request **to only address the information for renewal of the depleted uranium used for shielding.** I do not have a licensing guide that specifically addresses only depleted uranium shielding, so I have sent you copies of a combination of licensing guidance that should help you complete the information needed to renew your license. Please review the general guidance for the contents of a license application from NUREG-1556, Volume 15 and review the more detailed "checklist" from NUREG-1556, Volume 7. Both NUREG-1556, Volume 15 and Volume 7 may be found on the NRC website at <http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1556/v15/> and <http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1556/v7/>.
2. Please confirm that the change from "Howmet LaPorte Castings" to "Howmet Castings and Services, Inc." is only an name change and not an ownership change.

Please send a facsimile (630- 515-1078) of your response to the above within 14 days and state, Response to Control 582282. Please include a cover letter on company letterhead, dated and signed (signed by an individual who is authorized to sign official documents on behalf of the licensee) with your response letter. Please call me at 630-829-9839 if you have any questions.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this facsimile and the attached documents will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). The NRC's document system is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

From the desk of:



Bill Reichhold

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As noted elsewhere in this report, changes of control or bankruptcies that result in changes in the licensee's radiation safety program generally will require that the license be amended. The following comments apply to the indicated items on NRC Form 313 (Appendix A). Persons are required to use NRC Form 313 in applying for a new or amended Part 30 or Part 40 license. Not all amendment actions will require that each item on NRC Form 313 be addressed. Applications for amendment of current licenses should address only the changes necessary to reflect changes in control.

Applicants and holders of licenses authorizing the possession and use of special nuclear materials should submit information relating to any change of control or bankruptcy in accordance with the applicable provisions of 10 CFR Part 70.

10.1 ITEM 1: LICENSE ACTION TYPE

THIS IS AN APPLICATION FOR (Check appropriate item)

Type of Action	License No.
<input type="checkbox"/> A. New License	Not Applicable
<input type="checkbox"/> B. Amendment	XX-XXXXXX-XX
<input type="checkbox"/> C. Renewal	XX-XXXXXX-XX

Check box A for a new license request.

Check box B for an amendment to an existing license, and provide license number.

Check box C for a renewal of an existing license, and provide license number.

10.2 ITEM 2: APPLICANT'S NAME AND MAILING ADDRESS

List the legal name of the corporation or other legal entity with control over licensed activity. Note that a division or department within a legal entity may generally not be a licensee. An individual may be designated as the applicant or licensee only if the individual is acting in a private capacity and the use of the radioactive material is not connected with employment in a corporation or other legal entity. Provide the mailing address where correspondence should be sent. A Post Office box number is an acceptable mailing address.

Notify NRC of changes in mailing address; these changes do not require a fee.

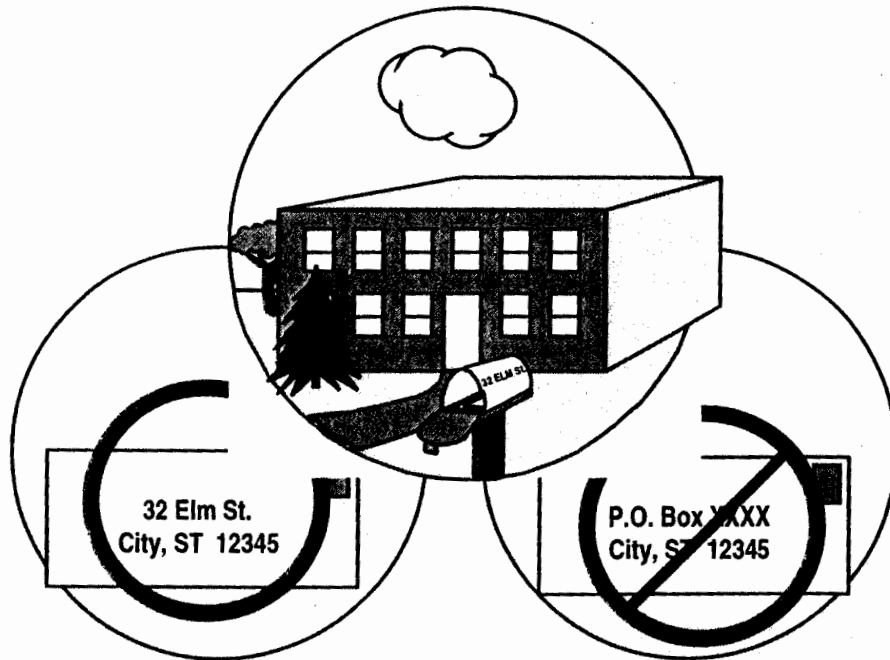
Note: NRC must be notified before control of licensed activities is transferred or when bankruptcy proceedings have been initiated. NRC Information Notice (IN) 97-30, "Control of

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Licensed Material during Reorganizations, Employee-Management Disagreements, and Financial Crises,” dated June 3, 1997, discusses the potential for the security and control of licensed material to be compromised during periods of organizational instability. This document provides additional guidance on that subject.

10.3 ITEM 3: ADDRESS(ES) WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

Specify the street address, city, and state or other descriptive address (e.g., on Highway 10, 5 miles east of the intersection of Highway 10 and State Route 234, Anytown, State) for each facility. The descriptive address should be sufficient to allow an NRC inspector to find the facility. A Post Office Box address is not acceptable.



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Figure 10.1 Location of Use.

Being granted an NRC license does not relieve a licensee from complying with other applicable Federal, State, or local regulations (e.g., local zoning requirements; a local or state ordinance requiring registration of a radiation-producing device).

It should be noted that if a current licensee merges with another licensee and either becomes a multi-site licensee or if a current multi-site licensee increases the number of authorized places of use on the subsequent license, consideration must be given to maintaining safe operations and providing adequate oversight.

Notes:

- As discussed under "Financial Assurance and Recordkeeping for Decommissioning," licensees need to maintain permanent records on where licensed material was used or stored while the license was in force. This is important for making future determinations about the release of these locations for unrestricted use (e.g., before the license is terminated). Licensees who increase the authorized quantities of licensed materials possessed under a license as the result of a change of control (such as merger or acquisition of assets) must evaluate, and modify if needed, the amount of funding needed to ensure the safe and effective decommissioning of licensed activities.
- NRC staff should refer to P&GD 1-23 (Guidance for Multi-Site Licensees). Licensees requiring further information should contact their respective Regional or Headquarters license reviewers for a copy of this document.

10.4 ITEM 4: PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Identify the individual who can answer questions about the application and include his or her telephone number. This is typically the current or proposed Radiation Safety Officer (RSO), unless the applicant has named a different person as the contact. NRC will contact this individual if there are questions about the application. Please supply the e-mail address and fax number, if available.

Notify NRC if the contact person or his or her telephone number changes so that NRC can contact the applicant or licensee in the future with questions, concerns, or information. This notice is for "information only."

As indicated on NRC Form 313 (Appendix A), Items 5 through 11 should be submitted on separate sheets of paper. Applicants should note that using the suggested wording of responses and committing to using the model procedures in this report and in the various appropriate volumes in the NUREG-1556 series will expedite NRC's review.

10.5 ITEM 5: RADIOACTIVE MATERIAL

Regulations: 10 CFR Part 30; 10 CFR Part 40; 10 CFR Part 70.

Criteria: An application for a new or amended license authorizing the possession of byproduct, source and/or special nuclear material will be approved if the appropriate regulatory requirements are met.

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Discussion: Licensees or applicants, and NRC staff, should refer to the appropriate program-specific guidance found in the NUREG-1556 series, or other appropriate guidance documents, to determine what information should be submitted concerning licensed materials to be possessed.

Response from Applicant: Licensees should submit the information regarding licensed materials to be possessed as specified in the applicable volume of the NUREG-1556 series or other appropriate guidance documents. Persons applying for an amendment of an existing license as the result of a proposed change of control or a bankruptcy should specifically describe any changes in types, forms, and quantities of licensed materials to be possessed. It is also helpful to indicate what authorized materials will remain unchanged.

Notes:

- NRC staff should refer to the applicable volume of NUREG-1556, or other appropriate guidance documents, for specific criteria to be used in reviewing licensee or applicant submissions.
- NUREG-1556 volumes and other guidance documents may be available electronically in the "Reference Library" at <<http://www.nrc.gov>>. For a paper copy of one of these documents, see the Notice of Availability (on the inside front cover of this report) or contact the appropriate NRC Headquarters or Regional Office.

10.5.1 UNSEALED AND/OR SEALED BYPRODUCT MATERIAL

Regulations: 10 CFR 30.32(h); 10 CFR 30.35; 10 CFR 40.31(i); 10 CFR 40.36; 10 CFR 70.22(a)(9); 10 CFR 70.25.

Criteria: A licensee authorized to possess sufficient licensed material to require financial assurance in accordance with 10 CFR 30.35, 10 CFR 40.36, or 10 CFR 70.25 must submit a decommissioning funding plan (DFP) and/or provide a certification of financial assurance for decommissioning (F/A). All licensees are required to maintain records of information important to the decommissioning of the facility in an identified location until the site, or any area, is released for unrestricted use. Licensees must transfer these records either to the new licensee when licensed activities are transferred or assigned, or to the appropriate NRC Regional Office when the license is terminated.

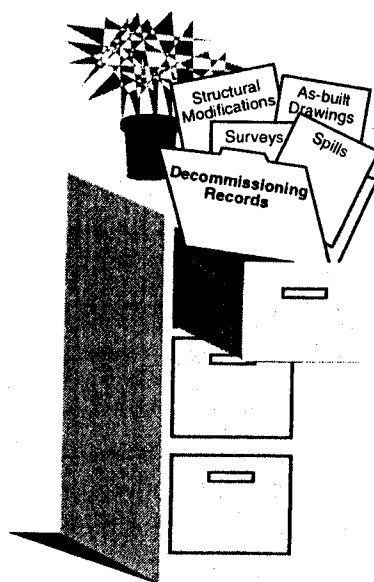
Discussion: Licensees who increase the authorized quantities of licensed materials possessed under a license as the result of a change of control (such as merger, acquisition of assets, or bankruptcy-related reorganization) must evaluate, and modify if needed, the amount of funding available to ensure the safe and effective decommissioning of licensed activities. Decommissioning should be carried out with minimum impact on public and occupational health and safety and the environment. There are two applicable sets of requirements: financial assurance, which applies to some licensees, and recordkeeping, which applies to all licensees.

NRC regulations requiring an F/A or a DFP are designed to provide reasonable assurance that the decommissioning of licensed facilities will be accomplished in a safe and timely manner and that licensees will provide adequate funds to cover all costs associated with decommissioning. These requirements, if applicable, specify that a licensee either set aside funds for decommissioning activities or provide a guarantee, through a third party, that funds will be available. Applicants are required to submit an F/A or a DFP when the authorization to possess radioactive material with half lives ($t_{1/2}$) greater than 120 days exceeds certain limits. Criteria for determining whether an applicant is required to submit a DFP or has an option of submitting either a DFP or an F/A are stated in 10 CFR 30.35, 10 CFR 40.36, and 10 CFR 70.25.

Criteria relating to the use of self-guarantees or parent company guarantees can be found in 10 CFR 30, Appendices A, C, D and E.

Regulatory Guide (RG) 3.66, "Standard Format and Content of Financial Assurance Mechanisms Required for Decommissioning Under 10 CFR Parts 30, 40, 70, and 72," dated June 1990, provides guidance acceptable to the NRC staff on the information to be provided for establishing financial assurance for decommissioning and a standard format for presenting the information.

The requirements for maintaining records important to decommissioning, including the type of information required, are stated in 10 CFR 30.35(g), 10 CFR 40.36(f), and 10 CFR 70.25(g). All licensees are required to maintain these records in an identified location until the site is released for unrestricted use. In the event that control over licensed activities is transferred to another person, these records shall be transferred to the new licensee upon the transfer of control. The new licensee is responsible for maintaining these records until the license is terminated. When the license is terminated, these records must be transferred to NRC.



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Figure 10.2 Types of Records that Must Be Maintained for Decommissioning.

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Careful recordkeeping of radionuclides used, including form, amount, and areas where used, will facilitate area release and license termination.

Additional information about keeping and transferring records that are important to safe and effective decommissioning can also be found in Chapter 5.5, "Decommissioning and Related Records Transfers."

Response from Licensees or Applicants: No response is needed from most applicants or licensees. If an F/A or a DFP is required, submit the required documents as described in RG 3.66.

References: See the Notice of Availability (on the inside front cover of this report) to obtain copies of RG 3.66 and Policy and Guidance Directive FC 90-2 (Rev. 1), "Standard Review Plan for Evaluating Compliance with Decommissioning Requirements," dated April 30, 1991.

10.6 ITEM 6: PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED

Regulations: 10 CFR Part 30; 10 CFR Part 40; 10 CFR Part 70.

Criteria: An application for a new or amended license authorizing the use of byproduct, source and/or special nuclear material will be approved if the appropriate regulatory requirements are met.

Discussion: Licensees or applicants, and NRC staff, should refer to the appropriate program-specific guidance found in the NUREG-1556 series, or other appropriate guidance documents, to determine what information should be submitted concerning authorized uses of licensed materials.

Response from Applicant: Licensees should submit the information regarding authorized uses of licensed materials specified in the applicable volume of the NUREG-1556 series or other appropriate guidance documents. Persons applying for an amendment of an existing license as the result of a proposed change of control or a bankruptcy should specifically describe any changes to authorized use of licensed materials. It is also helpful to indicate what authorized uses will remain unchanged.

Notes:

- NRC staff should refer to the applicable volume of NUREG-1556, or other appropriate guidance documents, for specific criteria to be used in reviewing licensee or applicant submissions.
- NUREG-1556 volumes and other guidance documents may be available electronically in the "Reference Library" at <<http://www.nrc.gov>>. For a paper copy of one of these documents,

see the Notice of Availability (on the inside front cover of this report), or contact the appropriate NRC Headquarters or Regional Office.

10.7 ITEM 7: INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE

Regulations: 10 CFR Part 30; 10 CFR Part 40; 10 CFR Part 70.

Criteria: An application for a new or amended license authorizing the use of byproduct, source and/or special nuclear material will be approved if the appropriate regulatory requirements are met regarding the individuals responsible for the radiation safety program and their training and experience.

Discussion: Licensees or applicants, and NRC staff, should refer to the appropriate program-specific guidance found in the NUREG-1556 series, or other appropriate guidance documents, to determine what information should be submitted concerning the identity, as well as the training and experience of the individuals responsible for the radiation safety program. Generally, these individuals include the RSO and any authorized users who will be named on the license. It is NRC licensing policy to name a Radiation Safety Officer on all NRC materials licenses.

Response from Applicant: Licensees should submit the information regarding the individuals responsible for the radiation safety program as specified in the applicable volume of the NUREG-1556 series, or other appropriate guidance documents. Licensees should particularly focus on whether a change of control or bankruptcy will result in changes in the personnel responsible for the radiation safety program. Licensees must specify who is to be named on the license as the RSO. Persons applying for an amendment of an existing license as the result of a proposed change of control or a bankruptcy should specifically describe any changes to the personnel responsible for the radiation safety program. It is also helpful to indicate what personnel with radiation safety oversight components of the radiation safety program will remain unchanged.

Notes:

- NRC staff should refer to the applicable volume of NUREG-1556, or other appropriate guidance documents, for specific criteria to be used in reviewing licensee or applicant submissions.
- NUREG-1556 volumes and other guidance documents may be available electronically in the "Reference Library" at <<http://www.nrc.gov>>. For a paper copy of one of these documents, see the Notice of Availability (on the inside front cover of this report) or contact the appropriate NRC Headquarters or Regional Office.

10.8 ITEM 8: TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS (INSTRUCTIONS TO OCCUPATIONALLY EXPOSED WORKERS AND ANCILLARY PERSONNEL)

Regulations: 10 CFR Part 30; 10 CFR Part 33; 10 CFR Part 34; 10 CFR Part 35; 10 CFR Part 36; 10 CFR Part 39; 10 CFR Part 40; 10 CFR Part 70.

Criteria: An application for a new or amended license authorizing the use of byproduct, source and/or special nuclear material will be approved if the appropriate regulatory requirements are met regarding the training for individuals such as occupationally exposed workers and ancillary personnel working in or frequenting restricted areas.

Discussion: Licensees or applicants, and NRC staff should refer to the appropriate program specific guidance found in the NUREG-1556 series, or other appropriate guidance documents to determine what information should be submitted regarding the training for individuals such as occupationally exposed workers and ancillary personnel working in or frequenting restricted areas.

Response from Applicant: Licensees should submit information regarding the training for individuals such as occupationally exposed workers and ancillary personnel working in or frequenting restricted areas as specified in the applicable volume of the NUREG-1556 series, or other appropriate guidance documents. Persons applying for an amendment of an existing license as the result of a proposed change of control or a bankruptcy should specifically describe any changes to the existing radiation safety training program. It is also helpful to indicate what components of the radiation safety training program will remain unchanged.

Notes:

- NRC staff should refer to the applicable volume of NUREG-1556, or other appropriate guidance documents, for specific criteria to be used in reviewing licensee or applicant submissions.
- NUREG-1556 volumes and other guidance documents may be available electronically in the "Reference Library" at <<http://www.nrc.gov>>. For a paper copy of one of these documents, see the Notice of Availability (on the inside front cover of this report) or contact the appropriate NRC Headquarters or Regional Office.

10.9 ITEM 9: FACILITIES AND EQUIPMENT

Regulations: 10 CFR Part 30; 10 CFR Part 40; 10 CFR Part 70.

Criteria: An application for a new or amended license authorizing the use of byproduct, source and/or special nuclear material will be approved if the appropriate regulatory requirements are met demonstrating that the licensee (or applicant) has facilities and equipment that are adequate to protect health and to minimize danger to life or property.

Discussion: Licensees or applicants, and NRC staff should refer to the appropriate program specific guidance found in the NUREG-1556 series, or other appropriate guidance documents to determine what information should be submitted concerning the facilities and equipment needed to ensure the safe storage and use of licensed materials.

Response from Applicant: Licensees should submit information demonstrating that adequate facilities and equipment are available for licensed activities as specified in the applicable volume of the NUREG-1556 series, or other appropriate guidance documents. Persons applying for an amendment of an existing license as the result of a proposed change of control or a bankruptcy should specifically describe any changes to the existing facilities. It is also helpful to indicate what components of the existing facilities will remain unchanged.

Notes:

- NRC staff should refer to the applicable volume of NUREG-1556, or other appropriate guidance documents for specific criteria to be used in reviewing licensee or applicant submissions.
- NUREG-1556 volumes and other guidance documents may be available electronically in the "Reference Library" at <<http://www.nrc.gov>>. For a paper copy of one of these documents, see the Notice of Availability (on the inside front cover of this report), or contact the appropriate NRC Headquarters or Regional Office.

10.10 ITEM 10: RADIATION SAFETY PROGRAM

Regulations: 10 CFR Part 30; 10 CFR Part 40; 10 CFR Part 70.

Criteria: An application for a new or amended license authorizing the use of byproduct, source and/or special nuclear material will be approved if the appropriate regulatory requirements are met demonstrating that the licensee's (or applicant's) radiation safety program is adequate to protect health and minimize danger to life or property.

Discussion: Licensees or applicants, and NRC staff, should refer to the appropriate program specific guidance found in the NUREG-1556 series, or other appropriate guidance documents, to determine what information should be submitted concerning the specific aspects of the radiation

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safety program to demonstrate that the program will be adequate to ensure the safe receipt, storage, use, transfer and disposal of licensed materials.

Generally, all licensees or applicants should include detailed descriptions of the following components of their radiation safety program. However, this list is generic and some licensees may need to address additional aspects of their radiation safety program while others may not need to include information about all of the following items:

- A description of the audit program used to review at least annually the content and implementation of the radiation protection programs to ensure:
 - compliance with NRC regulations (as applicable) and the terms and conditions of the license;
 - that occupational doses and doses to members of the public are as low as reasonably achievable (ALARA) (10 CFR 20.1101); and
 - records of audits and other reviews of program content are maintained for 3 years.
- A description of the radiation monitoring equipment available for making required surveys and the program to keep that equipment properly calibrated.
- A description of the procedures used to safely receive and maintain sufficient accountability of licensed materials.
- A description of the program for monitoring the radiation dose of individuals who are occupationally exposed as the result of licensed activities.
- A description of the program for ensuring that doses to members of the general public as the result of licensed activities do not exceed regulatory limits and are ALARA.
- A description of normal and emergency operating procedures.
- A description of the procedures for leak testing any sealed sources authorized on the license.
- A description of the procedures for maintaining equipment containing licensed materials and radiation safety-related equipment.
- A description of the procedures for safely packaging and transporting licensed materials.

Descriptions of facility design and procedures for operating to minimize contamination of the facility and the environment; to facilitate eventual decommissioning; and to minimize, to the extent practicable, the generation of radioactive waste.

Response from Applicant: Licensees should submit information describing a radiation safety program that is appropriate and adequate for the proposed licensed activities as specified in the applicable volume of the NUREG-1556 series or other appropriate guidance documents. Persons applying for an amendment of an existing license as the result of a proposed change of control or a bankruptcy should specifically describe any changes to the existing radiation safety program. It

is also helpful to indicate what components of the radiation safety program will remain unchanged.

Notes:

- NRC staff should refer to the applicable volume of NUREG-1556, or other appropriate guidance documents, for specific criteria to be used in reviewing licensee or applicant submissions.
- NUREG-1556 volumes and other guidance documents may be available electronically in the "Reference Library" at <<http://www.nrc.gov>>. For a paper copy of one of these documents, see the Notice of Availability (on the inside front cover of this report) or contact the appropriate NRC Headquarters or Regional Office.

10.11 ITEM 11: WASTE MANAGEMENT

Regulations: 10 CFR Part 30; 10 CFR Part 40; 10 CFR Part 70.

Criteria: An application for a new or amended license authorizing the use of byproduct, source and/or special nuclear material will be approved if the appropriate regulatory requirements are met. The licensee (or applicant) must demonstrate that it has procedures and equipment to safely dispose of licensed materials in accordance with NRC requirements and to maintain appropriate records of these disposals.

Discussion: Licensees or applicants, and NRC staff, should refer to the appropriate program-specific guidance found in the NUREG-1556 series, or other appropriate guidance documents, to determine what information should be submitted concerning the facilities, equipment and procedures needed for the safe disposal of licensed materials, or contact the appropriate NRC Headquarters or Regional Office for guidance or information. Licensees should assure that any transfer of control or bankruptcy does not adversely impact the waste management program.

Applicants or licensees may request alternate methods not specifically described in the regulations for the disposal of radioactive waste generated at their facilities. Such requests must describe the waste containing licensed material, including the physical and chemical properties that may be important to assess risks associated with the waste, and the proposed manner and conditions of waste disposal. Additionally, the applicant must submit its analysis and evaluation of pertinent information on the nature of the environment, nature and location of other affected facilities, and procedures to ensure that radiation doses are maintained ALARA and within regulatory limits.

Response from Applicant: Licensees or applicants should submit the information about their equipment and procedures (including the maintenance of required records) for the safe disposal of licensed materials as specified in the applicable volume of the NUREG-1556 series or other appropriate guidance documents. Persons applying for an amendment of an existing license as the result of a proposed change of control or a bankruptcy should specifically describe any changes to

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their existing radioactive waste management program. It is also helpful to indicate what components of the radioactive waste management program will remain unchanged.

Notes:

- NRC staff should refer to the applicable volume of NUREG-1556, or other appropriate guidance documents, for specific criteria to be used in reviewing licensee or applicant submissions.
- NUREG-1556 volumes and other guidance documents may be available electronically in the "Reference Library" at <<http://www.nrc.gov>>. For a paper copy of one of these documents, see the Notice of Availability (on the inside front cover of this report) or contact the appropriate NRC Headquarters or Regional Office.

10.12 ITEM 12: FEES

The next two items on NRC Form 313 are to be completed on the form itself. Enter the appropriate fee category from 10 CFR 170.31 and the amount of the fee enclosed with the application.

NRC does not impose fees for review of notification of change of control or of bankruptcy. However, a fee will be assessed if a license amendment or new license is required based on a review of the information provided.

10.13 ITEM 13: CERTIFICATION

In the case of applications for new or amended Part 30 or Part 40 licenses, individuals acting in a private capacity are required to date and sign the submitted NRC Form 313. Similarly, authorized representatives of the corporation or legal entity filing the application should date and sign the submitted NRC Form 313.

Applications for new or amended Part 70 licenses must be properly signed by the appropriate individuals.

Representatives signing an application must be authorized to make binding commitments and to sign official documents on behalf of the applicant. As discussed previously in "Management Responsibility," signing the application acknowledges management's commitment and responsibilities for the radiation protection program. **NRC will return all unsigned applications for proper signature.**

Suggested Format for Providing Information Requested in Items 1 through 4 of NRC Form 313

D.1 ITEM 1: ACTION TYPE

ACTION TYPE:	ADMINISTRATIVE REVIEW:
<input type="checkbox"/> New	<input type="checkbox"/> Current Guidance Used
<input type="checkbox"/> Amendment	<input type="checkbox"/> References in Application Based On Current Regulations
<input type="checkbox"/> Renewal	<input type="checkbox"/> All Attachments Referenced Included
	<input type="checkbox"/> Signature on Application

D.2 ITEM 2: LEGAL IDENTITY

NAME:	
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D.3 ITEMS 2 & 3: ADDRESS

STORAGE & LOCATION OF USE ADDRESS:	MAILING ADDRESS:
Temporary Job Sites <input type="checkbox"/> YES <input type="checkbox"/> NO	

D.4 ITEM 4: PERSON TO BE CONTACTED ABOUT THIS APPLICATION

CONTACT PERSON:	
TELEPHONE NUMBER:	

APPENDIX C

Item No.	Suggested Response	Yes	Description Attached
5.	<p>RADIOACTIVE MATERIAL</p> <p>Unsealed and/or Sealed Sources</p> <ul style="list-style-type: none"> • For unsealed materials: <ul style="list-style-type: none"> – Provide element name with mass number, chemical and/or physical form, and maximum requested possession limit. <input type="checkbox"/> – For potentially volatile materials (e.g., I-125, I-131, H-3), specify whether the material will be free (volatile) or bound (non-volatile) and the requested possession limit for each form. <input type="checkbox"/> • For sealed materials: <ul style="list-style-type: none"> – Identify each Radionuclide (element name and mass number) that will be used in each source. * – Provide the manufacturer's (distributor's) name and model number for each sealed source and device requested. – Confirm that each sealed source, device, and source/device combination is registered as an approved sealed source or device by NRC or an Agreement State. – Confirm that the activity per source and maximum activity in each device will not exceed the maximum activity listed on the approved certificate of registration issued by NRC or by an Agreement State. • Provide an Emergency Plan (if required). <p>Financial Assurance and Recordkeeping for Decommissioning</p> <p>No response is needed from most applicants. If F/A or a DFP is required, submit the required documents as described in Regulatory Guide 3.66. N/A <input type="checkbox"/></p>	<p>*</p> <p>*</p> <p>N/A</p>	<p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p>
6.	<p>PURPOSE FOR WHICH LICENSED MATERIAL WILL BE USED</p> <p>List the specific use or purpose of each radioisotope.</p>	<p>*</p>	<p><input type="checkbox"/></p>

Item No.	Suggested Response	Yes	Description Attached
7.	<p>INDIVIDUALS RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE</p> <p>RSO</p> <p>Provide the name of the proposed RSO and information demonstrating that the proposed RSO is qualified by training and experience.</p> <p>AUs</p> <p>Provide the name of each proposed AU, with the types and quantities of licensed material to be used. Also provide information demonstrating that each proposed AU is qualified by training and experience to use the requested licensed materials.</p>	*	[]
8.	<p>TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS (Occupationally Exposed Individuals and Ancillary Personnel)</p> <p>Submit a description of the radiation safety training program, including topics covered, groups of workers, assessment of training, qualifications of instructors, and the method and frequency of training.</p>	*	[]

APPENDIX C

Item No.	Suggested Response	Yes	Description Attached
9.	<p>FACILITIES AND EQUIPMENT</p> <p>Describe the facilities and equipment to be made available at each location where radioactive material will be used. Include a description of the area(s) assigned for the receipt, storage, preparation and measurement of radioactive materials. Submit a diagram showing the locations of shielding, the proximity of radiation sources to unrestricted areas, and other items related to radiation safety. When applicable to facilities where radioactive materials may become airborne, the diagrams should contain schematic descriptions of the ventilation systems, with pertinent airflow rates, pressures, filtration equipment, and monitoring systems. Diagrams should be drawn to a specified scale, or dimensions should be indicated. For facilities where it is anticipated that more than one laboratory or room may be used, a generic laboratory or room diagram may be submitted.</p>	*	[]
10.	<p>RADIATION SAFETY PROGRAM</p> <p>Audit Program</p> <p>The applicant is not required to, and should not, submit its audit program to the NRC for review during the licensing phase.</p>	N/A	N/A

Item No.	Suggested Response	Yes	Description Attached
10.	<p>RADIATION SAFETY PROGRAM (Cont'd)</p> <p>Radiation Monitoring Instruments</p> <p>Describe the instrumentation that will be used to perform required surveys and state that: "We will use instruments that meet the radiation monitoring instrument specifications published in Appendix M to NUREG - 1556, Vol. 7, 'Program-Specific Guidance About Academic, Research and Development, and Other Licenses of Limited Scope,' dated December 1999. We reserve the right to upgrade our survey instruments as necessary."</p> <p style="text-align: center;">OR</p> <p>Describe the instrumentation that will be used to perform required surveys and state that: "We will use instruments that meet the radiation monitoring instrument specifications published in Appendix M to NUREG - 1556, Vol. 7, 'Program-Specific Guidance About Academic, Research and Development, and Other Licenses of Limited Scope,' dated December 1999. Additionally, we will implement the model survey meter calibration program published in Appendix M to NUREG - 1556, Vol. 7, 'Program-Specific Guidance About Academic, Research and Development, and Other Licenses of Limited Scope,' dated December 1999. We reserve the right to upgrade our survey instruments as necessary."</p> <p>Material Receipt and Accountability</p> <p>Develop and maintain procedures for ensuring material accountability,</p> <p style="text-align: center;">AND</p> <p>State that: "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."</p>	<p style="text-align: center;">*</p> <p style="text-align: center;">*</p>	<p style="text-align: center;">[]</p> <p style="text-align: center;">[]</p> <p style="text-align: center;">[]</p>

APPENDIX C

Item No.	Suggested Response	Yes	Description Attached
10.	<p>RADIATION SAFETY PROGRAM (Cont'd)</p> <p>Occupational Dose</p> <p>State that: "we have done a prospective evaluation and determined that unmonitored individuals are not likely to receive, in one year, a radiation dose in excess of 10% of the allowable limits in 10 CFR Part 20," or "we will monitor individuals in accordance with the criteria in the section entitled 'Radiation Safety Program - Occupational Dose' in NUREG - 1556, Vol. 7, 'Consolidated Guidance about Materials Licenses: Program-Specific Guidance about Academic, Research and Development and Other Licenses of Limited Scope,'" dated December 1999."</p> <p>Public Dose</p> <p>No response is required from the applicant in a license application.</p> <p>Safe Use of Radionuclides and Emergency Procedures</p> <p>Develop and maintain procedures for safe use and emergencies. State that such procedures have been developed.</p> <p>If an emergency response plan is needed, submit it as a separate part of the application.</p>	<p>*</p> <p>N/A</p> <p>*</p> <p>[]</p>	<p>[]</p> <p>N/A</p> <p>[]</p> <p>[]</p>

Item No.	Suggested Response	Yes	Description Attached
10.	<p>RADIATION SAFETY PROGRAM (Cont'd)</p> <p>Survey</p> <p>State that: "We will survey our facility and maintain contamination levels in accordance with the survey frequencies and contamination levels published in Appendix Q to NUREG - 1556, Vol. 7, 'Program-Specific Guidance About Academic, Research and Development, and Other Licenses of Limited Scope,' dated December 1999. Leak tests will be performed at the intervals approved by NRC or an Agreement State and specified in the SSD Registration Certificate. Leak tests will be performed by an organization authorized by NRC or an Agreement State to provide leak testing services to 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 sealed source or plated foil manufacturer's (distributor's) and kit supplier's instructions."</p>	<p>*</p> <p>[]</p>	<p>[]</p>

APPENDIX C

Item No.	Suggested Response	Yes	Description Attached
10.	<p>RADIATION SAFETY PROGRAM (Cont'd)</p> <p style="text-align: center;">OR</p> <p>State that: "We will survey our facility and maintain contamination levels in accordance with the survey frequencies and contamination levels published in Appendix Q to NUREG - 1556, Vol. 7, 'Program-Specific Guidance About Academic, Research and Development, and Other Licenses of Limited Scope,' dated December 1999. Leak tests will be performed at the intervals approved by NRC or an Agreement State and specified in the SSD Registration Certificate. Leak tests will be performed by an organization authorized by NRC or an Agreement State to provide leak testing services to 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 sealed source or plated foil manufacturer's (distributor's) and kit supplier's instructions. As an alternative, we will implement the model leak test program published in Appendix R to NUREG - 1556, Vol. 7, "Consolidated Guidance about Materials Licenses: 'Program-Specific Guidance About Academic, Research and Development, and Other Licensees of Limited Scope,' dated December 1999."</p> <p>Transportation</p> <p>No response is needed from applicants during the licensing phase.</p>	<p>[]</p> <p>N/A</p>	<p>N/A</p>

Item No.	Suggested Response	Yes	Description Attached
10.	<p>RADIATION SAFETY PROGRAM (Cont'd)</p> <p>Minimization of Contamination</p> <p>The applicant does not need to provide a response to this item under the following condition. NRC will consider that the above criteria have been met if the applicant's responses meet the criteria in the following sections: "Radioactive Material - Unsealed and/or Sealed Sources," "Facilities and Equipment," "Radiation Safety Program - Safe use of Radioisotopes and Emergency Procedures," "Radiation Safety Program - Surveys," and "Radiation Safety Program - Waste Management."</p>	N/A	N/A
11.	<p>WASTE MANAGEMENT</p> <p>State that: "We will use the model waste procedures published in Appendix T to NUREG - 1556, Vol. 7, 'Program-Specific Guidance About Academic, Research and Development, and Other Licenses of Limited Scope,' dated December 1999."</p> <p style="text-align: center;">OR</p> <p>"We will use the (<i>specify either (1) Decay-In-Storage, (2) Disposal of Liquids Into Sanitary Sewerage</i>) model waste procedures that are published in Appendix T to NUREG - 1556, Vol. 7, 'Program-Specific Guidance About Academic, Research and Development, and Other Licenses of Limited Scope,' dated December 1999."</p>	* <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>