

APPENDIX D

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 checked="" type="checkbox"/> Renewal	<input type="checkbox"/> All Attachments Referenced Included
	<input type="checkbox"/> Signature on Application

D.2 ITEM 2: LEGAL IDENTITY

NAME:	Marshall Lab Service
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D.3 ITEMS 2 & 3: ADDRESS

STORAGE & LOCATION OF USE ADDRESS:	MAILING ADDRESS:
913 N. Odell Marshall, MO 65340	P.O. Box 130 Marshall MO 65310
Temporary Job Sites <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	

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

CONTACT PERSON:	Lisa Wade RSO
TELEPHONE NUMBER:	660 886 9688

Lisa Wade

12-13-2011

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Suggested Format for Providing Information Requested in Items 5 through 11 of NRC Form 313.

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

Yes	No	Radioisotope	Mfg/model No.	Quantity	Purpose of Use	Specify Other Uses Not Listed on SSD Certificate
	X	Hydrogen-3 ¹	Sealed sources in a compatible device 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 type="checkbox"/> Uses are:
X		Nickel-63	Sealed sources in compatible device 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:
	X	Americium-241	Sealed sources in compatible device 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 type="checkbox"/> Uses are:

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Yes	No	Radioisotope	Mfg/model No.	Quantity	Purpose of Use	Specify Other Uses Not Listed on SSD Certificate
	X	Other (specify)				

If titanium tritide foils or scandium tritide foils are requested, provide operating temperature control and venting information. (See "Note" in Item 5 of this appendix.)

D.6 ITEMS 7 THROUGH 11: TRAINING AND EXPERIENCE, FACILITIES AND EQUIPMENT, RADIATION SAFETY PROGRAM, AND WASTE DISPOSAL

Item No.	Title and Criteria	Yes	Description Attached
7	<p>INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE</p> <p>RSO Name: <u>Lisa Wade</u></p> <p>Before obtaining licensed materials, the proposed RSO will have successfully completed the training described in Appendix D, in NUREG - 1556, Vol. 7.</p> <p style="text-align: center;">AND</p> <p>Before being named as the RSO, future RSOs will have successfully completed the training described in Appendix D, in NUREG - 1556, Vol. 7.</p>	<p>W</p> <p>M</p>	[]
8	<p>TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS</p> <p>Individuals working under the supervision of a responsible person named in item 7, above, are not required to have any specific radiation safety training prior to using a GC/XRF.</p>		N/A

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Item No.	Title and Criteria	Yes	Description Attached
9	<p>FACILITIES AND EQUIPMENT</p> <p>Describe the facilities where GC/XRFs will be used and stored. Additional information regarding the use and storage of GC/XRFs at a temporary jobsite should also be included in the response.</p>		<p>Submit description with application.</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> <p>Survey Instruments</p> <p>No survey instrument is required if proposed use involves neither the removal of sources from the device nor any maintenance and repair of a device that involves the source.</p> <p style="text-align: center;">OR</p> <p>If the applicant proposes to perform operations that involve the removal of sources from the device or maintenance and repair of a device that involves the source, we will possess or have access to a radiation survey meter that meets the requirements in the procedures for performing removal or repair of the sources.</p> <p>Material Receipt and Accountability</p> <p>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><input checked="" type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input checked="" type="checkbox"/></p>	<p>N/A</p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p>

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Item No.	Title and Criteria	Yes	Description Attached
10	<p>RADIATION SAFETY PROGRAM (Cont'd)</p> <p>Occupational Dosimetry</p> <p>No personnel monitoring is required if proposed use does not involve the removal of sources from the device or any maintenance and repair of a device that involves the source.</p> <p style="text-align: center;">OR</p> <p>If the applicant proposes to perform operations that involve the removal of sources from the device or maintenance and repair of a device that involves a source (other than in gaseous form, H-3 or Ni-63), we will maintain, for inspection by NRC, 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 NVLAP-approved processor that is exchanged at a frequency recommended by the processor."</p> <p>Public Dose</p> <p>The applicant is not required to submit a response to the public dose section during the licensing phase. This matter will be examined during an inspection.</p> <p>Leak Test</p> <p>Leak tests will be performed at intervals specified in the Scaled Source and Device Registration Certificate. 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.</p>	<p><input checked="" type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input checked="" type="checkbox"/></p>	<p></p> <p><input type="checkbox"/></p> <p>N/A</p> <p><input type="checkbox"/></p>

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Item No.	Title and Criteria	Yes	Description Attached
10	<p>RADIATION SAFETY PROGRAM (Cont'd)</p> <p>Maintenance</p> <p>If authorization has been requested to perform the maintenance and repair operations described in Item 7, state in the application that the written procedures provided by the device manufacturer will be followed for each such operation requested.</p> <p style="text-align: center;">OR</p> <p>If a procedure will be followed other than that provided by the device manufacturer, submit a proposed procedure to use for each operation</p> <p>Transportation</p> <p>The applicant is not required to submit its response to transportation during the licensing process; however, this issue will be reviewed during inspection.</p> <p>Minimization of Contamination</p> <p>The applicant is not required to submit a response to the minimization of contamination section if the applicant's responses meet the criteria for the following sections: "Radiation Safety Program - Leak Tests," "Facilities and Equipment," and "Waste Management."</p>	<p><input checked="" type="checkbox"/></p> <p><input type="checkbox"/></p>	<p><input type="checkbox"/></p> <p>N/A</p> <p>N/A</p>
11	<p>WASTE MANAGEMENT</p> <p>GC/XRFs Disposal & Transfer</p> <p>The applicant is not required to submit a response to waste management during the licensing process. The licensee should, however, develop, implement, and maintain GC/XRF transfer and disposal procedures in its radiation safety program.</p>		<p>N/A</p>

Item 9: The G.C. is in a permanent secured location. Only Authorized personnel can access. Otherwise the area will be locked.