

P₄ Production, LLC

Soda Springs Plant

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May 9, 2008


Jim Montgomery
Nuclear Regulatory Commission
Fax 925-673 0112

Mr. Montgomery,

Attached in this fax please find Appendix B Checklist for NRC License renewal as you requested. Our license # is 11-27361-01.

If you have any further questions please call me at 208-547-1313.

Thank You,



David Matyus
Industrial Hygiene Specialist

471653

Appendix B: Suggested Format for Providing Information Requested in Items 5 Through 11 of NRC Form 313

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

Table B.1 Items 5 & 6: Materials To Be Possessed and Proposed Uses

Yes	No	Radioisotope	Manufacturer or Distributor Model No.	Quantity	Use As Listed on SSD Certificate	Specify Other Uses Not Listed on SSD Certificate
<input checked="" type="checkbox"/>		Cobalt-60	Sealed source manufacturer or distributor and model number: <i>GE Pellet Rod</i> Device manufacturer or distributor and model number:	Not to exceed either the maximum activity per source or maximum activity per device as specified in Sealed Source and Device Registration Certificate	Yes <input checked="" type="checkbox"/> Specific description of the gauge use: <i>In Storage</i>	<input type="checkbox"/> Not applicable <input type="checkbox"/> Uses are: (Submit safety analysis supporting safe use)
	<input checked="" type="checkbox"/>	Krypton-85	Sealed source manufacturer or distributor and model number: Device manufacturer or distributor and model number:	Not to exceed either the maximum activity per source or maximum activity per device as specified in Sealed Source and Device Registration Certificate	Yes <input type="checkbox"/> Specific description of the gauge use:	<input type="checkbox"/> Not applicable <input type="checkbox"/> Uses are: (Submit safety analysis supporting safe use)
	<input checked="" type="checkbox"/>	Strontium-90	Sealed source manufacturer or distributor and model number: Device manufacturer or distributor and model number:	Not to exceed either the maximum activity per source or maximum activity per device as specified in Sealed Source and Device Registration Certificate	Yes <input type="checkbox"/> Specific description of the gauge use:	<input type="checkbox"/> Not applicable <input type="checkbox"/> Uses are: (Submit safety analysis supporting safe use)
<input checked="" type="checkbox"/>		Cesium-137	Sealed source manufacturer or	Not to exceed either the maximum activity per source	Yes <input checked="" type="checkbox"/> Specific description	<input type="checkbox"/> Not applicable

		distributor and model number: <u>234 in Inventory</u> Device manufacturer or distributor and model number:	or maximum activity per device as specified in Sealed Source and Device Registration Certificate	of the gauge use: <u>Density Gauges</u>	<input type="checkbox"/> Uses are: (Submit safety analysis supporting safe use)
✓	Americium-241	Sealed source manufacturer or distributor and model number: Device manufacturer or distributor and model number:	Not to exceed either the maximum activity per source or maximum activity per device as specified in Sealed Source and Device Registration Certificate	Yes <input type="checkbox"/> Specific description of the gauge use:	<input type="checkbox"/> Not applicable <input type="checkbox"/> Uses are: (Submit safety analysis supporting safe use)
✓	Other Isotope (Specify): <u>Californium 252</u>	Sealed source manufacturer or distributor and model number: <u>Thermo Electron CBX</u> Device manufacturer or distributor and model number:	Not to exceed either the maximum activity per source or maximum activity per device as specified in Sealed Source and Device Registration Certificate	Yes <input checked="" type="checkbox"/> Specific description of the gauge use: <u>Dose Measurements</u>	<input type="checkbox"/> Not applicable <input type="checkbox"/> Uses are: (Submit safety analysis supporting safe use)
Financial Assurance Required and Evidence of Financial Assurance Provided					

Table B.2 Items 7 Through 11: Training and Experience, Facilities and Equipment, Radiation Safety Program, and Waste Disposal

Item No. and Title	Suggested Response	Yes	Alternative Procedures Attached
7. Individual(s) Responsible for Radiation Safety Program and Their Training and Experience 7.1 Radiation Safety Officer Name: <u>David Matyus</u>	Before obtaining licensed materials, the proposed RSO will have successfully completed the training described in Criteria in the section "Individual(s) Responsible for Radiation Safety Program and Their Training and Experience - Radiation Safety Officer" in NUREG-1556, Vol. 4, dated October 1998. AND Before being named as the RSO, future RSOs will have successfully completed the training described in	<input checked="" type="checkbox"/>	<input type="checkbox"/>

	Criteria in the section "Individual(s) Responsible for Radiation Safety Program and Their Training and Experience - Radiation Safety Officer" in NUREG-1556, Vol. 4, dated October 1998. Within 30 days of naming a new RSO, we will submit the new RSO's name to NRC to include in our license.		
7. Individual(s) Responsible for Radiation Safety Program and Their Training and Experience 7.2 Authorized Users	PROPOSED AUTHORIZED USERS: Before using licensed materials, authorized users will have successfully completed the training described in Criteria in the section "Authorized Users" in NUREG-1556, Vol. 4, dated October 1998.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Training for Individuals Who in the Course of Employment are Likely to Receive Occupational Doses of Radiation in Excess of 1 mSv (100 mrem) in a Year (Occupationally Exposed Workers) and Ancillary Personnel	The applicant is not required to, and should not, submit its training program, for individuals who in the course of employment are likely to receive occupational doses of radiation in excess of 1 mSv (100 mrem) in a year (occupationally exposed workers) and ancillary personnel, to the NRC for review during the licensing phase.		Need Not Be Submitted with Application
9. Facilities and Equipment	We will ensure that the location of each fixed gauge meets the Criteria in the section entitled "Facilities and Equipment" in NUREG-1556, Vol. 4, dated October 1998.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Radiation Safety Program - Audit Program	The applicant is not required to, and should not, submit its audit program to the NRC for review during the licensing phase.		Need Not Be Submitted with Application
10. Radiation Safety Program - Survey Instruments	Surveys pursuant to 10 CFR 20.1501 will be performed by a person specifically authorized by the NRC or an Agreement State to perform these surveys. OR We will use instruments that meet the Criteria in the section entitled "Radiation Safety Program - Instruments," in NUREG-1556, Vol. 4, dated October 1998, and one of the following: Each survey meter will be calibrated by the manufacturer or other person authorized by the NRC or an Agreement State to perform survey meter calibrations.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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	operating, emergency and lock-out (if applicable) procedures to NRC for review.		
10. Radiation Safety Program - Leak Test	Leak tests will be performed at intervals approved by the NRC or an Agreement State and specified in the Sealed 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 and according to the kit supplier's instructions.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	OR		
	We will implement the model leak test program published in Appendix M to NUREG-1556, Vol. 4, dated October 1998.	<input type="checkbox"/>	
10. Radiation Safety Program - Maintenance	ROUTINE MAINTENANCE We will implement and maintain procedures for routine maintenance of our fixed gauges according to each manufacturer's or distributor's written recommendations and instructions.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NON-ROUTINE MAINTENANCE OPERATIONS The gauge manufacturer, distributor or other person authorized by NRC or an Agreement State will perform non-routine operations such as installation, initial radiation survey, repair, and maintenance of components related to the radiological safety of the gauge, gauge relocation, replacement, and disposal of sealed sources, alignment, or removal of a gauge from service.	<input type="checkbox"/>	<input checked="" type="checkbox"/> The information listed in Appendix N supporting a request to perform non-routing operations in-house is attached <i>Item #15 in License</i>
10. Radiation Safety Program - Transportation	The applicant is not required to submit its response to transportation during the licensing process; this issue will be reviewed during inspection. However, the licensee should develop, implement, and maintain transportation procedures according to NRC and DOT regulations.	Need Not Be Submitted with Application	
10. Radiation Safety Program - Fixed Gauges Used at Temporary Job Sites	This is not applicable to our program. We will not use fixed gauges at temporary job sites.	<input checked="" type="checkbox"/> Not Applicable	<input type="checkbox"/>
	OR		

	We will develop, implement, maintain and distribute procedures that meet the Criteria in the section entitled "Radiation Safety Program - Fixed Gauges Used at Temporary Job Sites" in NUREG-1556, Vol. 4, dated October 1998.	[]
10. Radiation Safety Program - Minimization of Contamination	The applicant is not required to submit a response to minimization of contamination if the applicant's responses meet the criteria for the following sections: Radioactive Material - Sealed Sources and Devices, Facilities and Equipment, Radiation Safety Program - Operating and Emergency Procedures, Radiation Safety Program - Leak Testing, and Waste Management - Gauge Transfer and Disposal.	Need Not Be Submitted with Application
11. Waste Management - Gauge Disposal & Transfer	The applicant is not required to submit a response to waste management during the licensing process. However, the licensee should develop, implement, and maintain gauge transfer and disposal procedures in its radiation protection program.	Need Not Be Submitted with Application