

PORTABLE GAUGE APPLICATION CHECKLIST

(USING NUREG 1556, VOL. 1, REV. 1 DATED 11/01)

Licensee/Applicant: USKH, Inc.

Control Number: 471359

Docket Number: 030-34445

License Number: 50-29110-01

Date of Application: April 25, 2007

REGULATORY PERFORMANCE

Review of last three inspections reveals no **major regulatory considerations**.

DATE	INSPECTOR	VIOLATIONS
■		
■		
■		

Major violations/repeat violations:

Reviewer and inspector concerns:

CONTENTS OF APPLICATION

ITEM 1 ACTION TYPE

() New (✓) Renewal () Amendment

ADMINISTRATIVE REVIEW

- (✓) Current Guidance Used
- (✓) References in Application Based on Current Regulations
- (✓) All Attachments Referenced Included
- (✓) Signature on Application

ITEM 2 LEGAL IDENTITY

Name: USKH, Inc. _____

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ITEMS 2 & 3 ADDRESS

Storage & Location of
 Use Address: 2515 A Street, Anchorage, AK
 99503 _____

Mailing Address: Same _____

Temporary Job Sites

ITEM 4 PERSON TO BE CONTACTED ABOUT APPLICATION:

Name: Johnathan Limb, P.E. _____

Phone No.: 907-276-4245 _____

5.0 MATERIAL TO BE POSSESSED:

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"/>		Cesium-137	Sealed source manufacturer or distributor and model number: Sealed sources (AEA Technology/QSA Model CDCW556; Isotope Products Laboratories Model HEG-137) Device manufacturer or distributor and model number: Troxler Model 3400 Series	Not to exceed either the maximum activity per source or maximum activity per device as specified in Sealed Source and Device Registration Certificate 18 millicuries total	Yes <input checked="" type="checkbox"/> Specific description of the gauge use: _____ _____ _____ _____	<input checked="" type="checkbox"/> Not applicable _____ <input type="checkbox"/> Uses are: _____ (Submit safety analysis supporting safe use)

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Yes	No	Radioisotope	Manufacturer or Distributor Model No.	Quantity	Use As Listed on SSD Certificate	Specify Other Uses Not Listed on SSD Certificate
✓		Americium-241	Sealed source manufacturer or distributor and model number: Sealed sources (AEA Technology/QSA Model AMNV.997; Isotope Products Laboratories Models 3021, 3027, and Am1.NO2) Device manufacturer or distributor and model number: Troxler Model 3400 Series	Not to exceed either the maximum activity per source or maximum activity per device as specified in Sealed Source and Device Registration Certificate 88 millicuries total	Yes [<input checked="" type="checkbox"/>] Specific description of the gauge use: _____ _____ _____ _____ _____	<input checked="" type="checkbox"/> Not applicable _____ <input type="checkbox"/> Uses are: _____ (Submit safety analysis supporting safe use)

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Yes	No	Radioisotope	Manufacturer or Distributor Model No.	Quantity	Use As Listed on SSD Certificate	Specify Other Uses Not Listed on SSD Certificate
	✓	Californium-252	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)	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)
✓	<i>Financial Assurance Required and Evidence of Financial Assurance Provided NA</i>					

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
<p>7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE - RADIATION SAFETY OFFICER</p> <p>NAME: Johnathan Limb, P.E.</p>	<p>Before obtaining licensed materials, the proposed RSO will have successfully completed one of the training courses described in Criteria in the section entitled "Individual(s) Responsible for Radiation Safety Program and Their Training and Experience - Radiation Safety Officer" in NUREG-1556, Vol. 1, Rev. 1, dated November 2001.</p>	<p>[<input checked="" type="checkbox"/>]</p>	<p>[]</p>
<p>8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS</p>	<p>Before using licensed materials, authorized users will have successfully completed on of the training courses described in Criteria in the section entitled "Training for Individuals Working In or Frequenting Restricted Areas" in NUREG-1556, Vol. 1, Rev. 1, dated November 2001.</p>	<p>[<input checked="" type="checkbox"/>]</p>	<p>[]</p>
<p>9. FACILITIES AND EQUIPMENT</p>	<p>No information needs to be submitted in response to this item; key issues are addressed under "Radiation Safety Program- Public Dose" and "Radiation Safety Program - Operating and Emergency Procedures."</p>	<p>Separate Item 9 Response</p> <p>Need Not Be Submitted With Application</p>	
<p>10. RADIATION SAFETY PROGRAM - AUDIT PROGRAM</p>	<p>The applicant is <i>not</i> required to, and should not, submit its audit program to the NRC for review during the licensing phase.</p>	<p>Need Not Be Submitted With Application</p>	
<p>10. RADIATION SAFETY PROGRAM - TERMINATION OF ACTIVITIES</p>	<p>The applicant is <i>not</i> required to submit a response to the termination of activities section during the initial application. However, when the license expires or at the time the licensee ceases operations, NRC Form 314 must be submitted.</p>	<p>Need Not Be Submitted With Application</p>	

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10. RADIATION SAFETY PROGRAM - SURVEY INSTRUMENTS	We will either possess and use, or have access to and use, a radiation survey meter that meets the Criteria in the section entitled "Radiation Safety Program - Instruments" in NUREG-1556, Vol. 1, Rev. 1, dated November 2001.	Yes <input checked="" type="checkbox"/>	Alternative Procedures Attached <input type="checkbox"/>
10. RADIATION SAFETY PROGRAM - MATERIAL RECEIPT AND ACCOUNTABILITY	Physical inventories will be conducted at intervals not to exceed 6 months, to account for all sealed sources and devices received and possessed under the license.	Yes <input checked="" type="checkbox"/>	Alternative Procedures Attached <input type="checkbox"/>
10. RADIATION SAFETY PROGRAM - OCCUPATIONAL DOSIMETRY	Either 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.	Yes <input checked="" type="checkbox"/>	Alternative Procedures Attached <input type="checkbox"/>
10. RADIATION SAFETY PROGRAM - PUBLIC DOSE	The applicant is <i>not</i> required to submit a response to public dose section during the licensing phase. This matter will be examined during an inspection.	Need Not Be Submitted With Application	
10. RADIATION SAFETY PROGRAM - OPERATING AND EMERGENCY PROCEDURES	We will implement and maintain the operating and emergency procedures in Appendix H of NUREG-1556, Vol. 1, Rev. 1, dated November 2001, and provide copies of these procedures to all gauge users and at each job site. <p style="text-align: center;">OR</p> Operating and emergency procedures will be developed, implemented, and maintained and will meet the criteria in the section entitled "Radiation Safety Program - Operating and Emergency Procedures" in NUREG-1556, Vol. 1, Rev. 1, dated November 2001.	YES <input checked="" type="checkbox"/>	Alternative Procedures Attached <input type="checkbox"/>

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Item No. And Title	Suggested Response	Yes	Alternative Procedures Attached
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 Sheet. 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"/>
10. RADIATION SAFETY PROGRAM - MAINTENANCE	<p><i>Routine Cleaning and Lubrication</i></p> <p>We will implement and maintain procedures for routine maintenance of our gauges according to each manufacturer's recommendations and instructions.</p> <p><i>Non-Routine Maintenance</i></p> <p>We will send the gauge to the manufacturer or other person authorized by NRC or an Agreement State to perform non-routine maintenance or repair operations that require the removal of the source or source rod from the gauge.</p>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> The information listed in Appendix G supporting a request to perform non-routine maintenance in-house is attached.

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10. RADIATION SAFETY PROGRAM - TRANSPORTATION	The applicant is <i>not</i> required to submit its response to transportation section during the licensing process. However, this issue will be reviewed during inspection.	Need Not Be Submitted With Application
11. WASTE MANAGEMENT - GAUGE DISPOSAL AND TRANSFER	The applicant is <i>not</i> required to submit a response to waste management section during the licensing process. However, the licensee should develop, implement, and maintain gauge transfer and disposal procedures in its radiation safety program.	Need Not Be Submitted With Application

 Reviewer
 James L. Montgomery

June 27, 2007
 Date