

PORTABLE GAUGE APPLICATION CHECKLIST

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

Licensee/Applicant: Indian Reservation Roads Program (IRR), Fort Peck Tribes,
Fort Peck Reservaton

Control Number: 471529_____

Docket Number: 030-37560_____

License Number: 25-29274-01_____

Date of Application: October 1, 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

Portable Gauge Checklist
(Using NUREG-1556, Vol. 1, Rev. 1)

Name: Indian Reservation Roads Program (IRR), Fort Peck Tribes, Fort Peck Reservation

ITEMS 2 & 3 ADDRESS

Storage & Location of
Use Address: 706 North Court Ave., Poplar, Montana 59255

Mailing Address: Box 617, Poplar, Montana 59255

(✓) Temporary Job Sites

ITEM 4 PERSON TO BE CONTACTED ABOUT APPLICATION:

(✓) Name: Paul Azure

(✓) Phone No.: 406-768-3208

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
X		Cesium-137	Sealed source manufacturer or distributor and model number: Troxler Dwg A-102112; Amersham CDC W556; Device manufacturer or distributor and model number: Troxler 3400 series, 4640 or 4545	Not to exceed either the maximum activity per source or maximum activity per device as specified in Sealed Source and Device Registration Certificate 9 mCi	Yes [✓] Specific description of the gauge use: measuring construction materials	[✓] Not applicable [] Uses are: (Submit safety analysis supporting safe use)

Portable Gauge Checklist
(Using NUREG-1556, Vol. 1, Rev. 1)

Yes	No	Radioisotope	Manufacturer or Distributor Model No.	Quantity	Use As Listed on SSD Certificate	Specify Other Uses Not Listed on SSD Certificate
X		Americium-241	Sealed source manufacturer or distributor and model number: Troxler dwg A-102451; AEA Technology AMN.V997; Isotope Product Laboratories AM1.NO2 _____ Device manufacturer or distributor and model number: Troxler 3400 series or 3216 and 4300 Series _____	Not to exceed either the maximum activity per source or maximum activity per device as specified in Sealed Source and Device Registration Certificate 44 mCi 11 mCi for Model 4300 Series	Yes [☒] Specific description of the gauge use: _____ measure construction materials _____ _____ _____ _____	☒ Not applicable _____ [] Uses are: _____ (Submit safety analysis supporting safe use)

Portable Gauge Checklist
(Using NUREG-1556, Vol. 1, Rev. 1)

Yes	No	Radioisotope	Manufacturer or Distributor Model No.	Quantity	Use As Listed on SSD Certificate	Specify Other Uses Not Listed on SSD Certificate
	X	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 ☐ Specific description of the gauge use: _____ _____ _____ _____ _____	☐ Not applicable _____ ☐ Uses are: _____ (Submit safety analysis supporting safe use)
X		Other Isotope (Specify) Am-241/Be	Sealed source manufacturer or distributor and model number: Troxler dwg A-102700 & 100608_____ _____ Device manufacturer or distributor and model number: Troxler 4300 series; 3241 series_____ _____	Not to exceed either the maximum activity per source or maximum activity per device as specified in Sealed Source and Device Registration Certificate 11 mCi; 100 mCi	Yes ☒ Specific description of the gauge use: measuring construction materials_____ _____ _____ _____ _____	☒ Not applicable _____ ☐ Uses are: _____ (Submit safety analysis supporting safe use)
	X	<i>Financial Assurance Required and Evidence of Financial Assurance Provided</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
7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE - RADIATION SAFETY OFFICER NAME: Paul Azure_____	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.	☒	☐
8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS	Before using licensed materials, authorized users will have successfully completed one 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.	☐	☒
9. FACILITIES AND EQUIPMENT	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."	Separate Item 9 Response Need Not Be Submitted With Application	
10. RADIATION SAFETY PROGRAM - AUDIT PROGRAM	The applicant is <i>not</i> 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 - TERMINATION OF ACTIVITIES	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.	Need Not Be Submitted With Application	

Portable Gauge Checklist
(Using NUREG-1556, Vol. 1, Rev. 1)

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 []	Alternative Procedures Attached [✓]
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 []	Alternative Procedures Attached [✓]
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 []	Alternative Procedures Attached [✓]
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. OR 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 [✓]	Alternative Procedures Attached []

Portable Gauge Checklist
(Using NUREG-1556, Vol. 1, Rev. 1)

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.	[]	[✓]
10. RADIATION SAFETY PROGRAM - MAINTENANCE	<i>Routine Cleaning and Lubrication</i> We will implement and maintain procedures for routine maintenance of our gauges according to each manufacturer's recommendations and instructions.	[✓]	[]
	<i>Non-Routine Maintenance</i> 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.	[✓]	[] The information listed in Appendix G supporting a request to perform non-routine maintenance in-house is attached.

Portable Gauge Checklist
(Using NUREG-1556, Vol. 1, Rev. 1)

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

James L. Montgomery
License Reviewer

\RA\ 12/11/07
Date