

Simmons, Michelle

From: Mike Sprague <Mike.Sprague@itd.idaho.gov>
Sent: Thursday, November 10, 2016 3:26 PM
To: Simmons, Michelle
Cc: Mike Sprague
Subject: [External_Sender] Responce 11 10 2016
Attachments: US NRC 11 10 2016.pdf

Michelle,
I'm sending this to you via email because I'm not so sure that our FAX capabilities work as well as they should.

Oh, and if they are doing well you may need to look at your FAX. I do regret the referencing mail control number was not included upon it.

~~5916001~~ believe my bi-focal eyewear saw that number.

Be Well,

Mike D. Sprague
ITD Geotechnical Lab Coordinator
ITD Chief Radiation Safety Officer
3293 Jordan Street
Boise, Idaho 83702
208/ 334-8297
mike.sprague@itd.idaho.gov

PUBLIC

- Immediate Release
- Normal Release

NON-PUBLIC

- A.3 Sensitive-Security Related
- A.7 Sensitive Internal
- Other: _____

Reviewer: MS Date: 11/16/16

MC# 591785
DKT# 03032230
Lic# 11-27076-01

Fax Cover Sheet



Idaho Transportation Department

PO Box 7129, Boise, Idaho 83707-1129

itd.idaho.gov

Date: 11-10-2016

Please deliver the following pages to:

Name: Michelle Simmons

Firm: U.S. NRC

Fax: ITD response

Pages being sent including cover sheet: 4

Comments:

Sender: Mike D. Sprague / ITD RSO

Phone Number: (208) 334-8297

Division or Unit: DEPP / Central Lab

Fax Number: (208) 334-4411

E-mail Address: mike.sprague@itd.idaho.gov

Thank You



IDAHO TRANSPORTATION DEPARTMENT
P.O. Box 7129
Boise ID 83707-1129

(208) 334-8000
itd.idaho.gov

Michelle Simmons
Health Physicist
US NRC
1600 East Lamar Blvd
Arlington, Texas

Dear Michelle,

I have a copy of the latest Sealed Source Leak Test certificate for the two CPN portable Gauges Serial No.'s 320500849 and 320500855 included in this FAX. The processing of the Leak Test swabs was by BHP Enterprises in close by Middleton, Idaho.

In response to the change of address for the Lewiston, Idaho license location, I will say that I believed that there was an error on the paperwork. The 2600 North and South (Highway) address was changed to 2600 Frontage Rd. Lewiston, Idaho I believe in the late 1970's or early 1980's. I read the old North and South address and wanted the more current address reflected upon the licensing location, as my thinking was an oversight of the two prior ITD RSO's.

If you will change the address to the Frontage Rd. address the worry will be over with. The District 2 Headquarters' building and maintenance yard compound has occupied the same ground for over 45 years.

The roadway ITD built the District 2 facilities next to was at one time at the bottom of a narrow, winding US 95 Highway that ascended what was called the 'Lewiston Grade'. In the early '70's the 'Lewiston Grade' was modernized to a wider, straighter, safer highway bypassing the North and South highway that ran along the ITD properties. The Frontage Rd. name of that part of the old roadway seems to not have been on ITD's US NRC license by my predecessor's.

Thank you for your help in this matter and please excuse my poor performance in sending in the proper documentation for the licensing change.

Best Regards,
Mike D. Sprague
Idaho Transportation Department
RSO Central Lab
3293 Jordan St.
Boise, Idaho 83702

Mike D. Sprague
11-10-2016

BHP ENTERPRISES
P. O. Box 267
Middleton, Id. 83644
(208) 585-3948

SEALED SOURCE LEAK TEST
***** CERTIFICATE *****

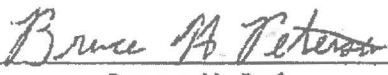
Source Owner: Idaho Transportation Department
 HQ Central Lab
 P.O. Box 7129
 Boise, ID 83707

TEST RESULTS: District No. 9 Storage, Boise, ID

GAUGE			SOURCE			
Manufacturer	Model	Serial No.	Isotope	Serial No.	Activity	Removable Contamination
CPN	MC-3 DRP	M320500849	Cs-137	M320500849	10 mCi	$\leq 1.52 \times 10^{-5} \mu\text{Ci}$
			Am-241:Be	M320500849	50 mCi	$\leq 4.27 \times 10^{-7} \mu\text{Ci}$
CPN	MC-3 DRP	M320500855	Cs-137	M320500855	10 mCi	$\leq 1.52 \times 10^{-5} \mu\text{Ci}$
			Am-241:Be	M320500855	50 mCi	$\leq 4.27 \times 10^{-7} \mu\text{Ci}$
CPN	MC-3 DRP	M320500859	Cs-137	M320500859	10 mCi	$\leq 1.52 \times 10^{-5} \mu\text{Ci}$
			Am-241:Be	4593NN	50 mCi	$\leq 4.27 \times 10^{-7} \mu\text{Ci}$
CPN	MC-3 DRP	M320500980	Cs-137	M320500980	10 mCi	$\leq 1.52 \times 10^{-5} \mu\text{Ci}$
			Am-241:Be	4594NN	50 mCi	$\leq 4.27 \times 10^{-7} \mu\text{Ci}$
Humboldt	5001 SD082	8778	Cs-137	6393CZ	10 mCi	$\leq 1.52 \times 10^{-5} \mu\text{Ci}$
			Am-241:Be	585-14	40 mCi	$\leq 4.27 \times 10^{-7} \mu\text{Ci}$
Humboldt	5001 SD082	8779	Cs-137	6394CZ	10 mCi	$\leq 1.52 \times 10^{-5} \mu\text{Ci}$
			Am-241:Be	586-14	40 mCi	$\leq 4.27 \times 10^{-7} \mu\text{Ci}$
Humboldt	5001 SD082	8780	Cs-137	6395CZ	10 mCi	$\leq 1.52 \times 10^{-5} \mu\text{Ci}$
			Am-241:Be	587-14	40 mCi	$\leq 4.27 \times 10^{-7} \mu\text{Ci}$
Humboldt	5001 SD082	8781	Cs-137	6396CZ	10 mCi	$\leq 1.52 \times 10^{-5} \mu\text{Ci}$
			Am-241:Be	588-14	40 mCi	$\leq 4.27 \times 10^{-7} \mu\text{Ci}$
Troxler	3440	26156	Cs-137	75-9186	8.0 mCi	$\leq 1.52 \times 10^{-5} \mu\text{Ci}$
			Am-241:Be	47-22538	40 mCi	$\leq 4.27 \times 10^{-7} \mu\text{Ci}$
Troxler	3440	26158	Cs-137	75-9188	8.0 mCi	$\leq 1.52 \times 10^{-5} \mu\text{Ci}$
			Am-241:Be	47-22540	40 mCi	$\leq 4.27 \times 10^{-7} \mu\text{Ci}$
Troxler	4640 B	1878	Cs-137	750-994	8.0 mCi	$\leq 1.52 \times 10^{-5} \mu\text{Ci}$
Troxler	4640 B	1883	Cs-137	750-999	8.0 mCi	$\leq 1.52 \times 10^{-5} \mu\text{Ci}$
Troxler	4640 B	2292	Cs-137	750-6317	8.0 mCi	$\leq 1.52 \times 10^{-5} \mu\text{Ci}$
Troxler	4640 B	2294	Cs-137	750-6319	8.0 mCi	$\leq 1.52 \times 10^{-5} \mu\text{Ci}$

The Leak Tests listed above were made on 07/05/16 by Mike D. Sprague. The analysis was performed on 08/04/16 using a 4.8×10^{-3} μCi N.I.S.T. traceable Th-230 alpha reference source and a 4.4×10^{-3} μCi N.I.S.T. traceable Tc-99 beta reference source. The minimum detection limit was 4.27×10^{-7} μCi for the alpha source and 1.52×10^{-5} μCi for the beta source. Results above the minimum detection limit are highlighted. Federal and State limits for removable contamination are 0.005 μCi (5.0×10^{-3} μCi).

The next leak test is due 01/05/17.



Bruce H. Peterson
Health Physicist