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AUG 09 2011

DNMS

RA
From: James Alexander [<mailto:spl@wyoming.com>]
Sent: Tuesday, August 09, 2011 11:52 AM
To: Torres, Roberto]
Subject: Final Status Survey

Mr. Torres,

I've attached a PDF file containing information about our Final Status Survey at 2921 Big Horn Av. Cody, Wy. Could you please forward this information on to your administrative staff for initial processing. In closing I would like to thank you for all you help and if there are any questions please don't hesitate to call me.

Sincerely,

Jim Alexander
Superior Production Logging
Office #(307) 587-2731
Fax #(307) 527-5203
Cell #(307) 899-0838



No 5 7 5 7 6 8

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AUG 09 2011

DNMS



August 9, 2011

USNRC, Region IV

Attn: licensing Section; License Amendment

611 Ryan Plaza Drive

Arlington, TX 76011-8064

Re: License No. 49-26806-01 **Final Status Survey (FSS)** and Amendment Request

Dear Sir/Madam,

As of this date, all radioactive (R/A) materials have been removed from our facility at 2921 Big Horn AV. Unit #1, Cody, WY and moved to our new facility at 2351 Mountain View Dr. Cody, WY.

Enclosed are wipe test results in the areas where R/A materials were stored and the area where tracer ejector tools were worked on (workbench area). In addition to these wipe tests, a survey of the complete facility was also performed with a G.E. Smith, 500p survey meter. Results of this survey are enclosed. Calibration certificates for the 2 meters used are also enclosed. Finally, a leak test was performed on the Cs-137 source on 12/15/2007 which has not been used or removed from its storage container. A copy of which is enclosed.

These tests and survey all show no residual radiation anywhere in this facility, therefore, we request you remove this facility from our license and release this facility to general public usage.

We are technically supposed to be out of this building on the 1st of September. All parties involved are aware this building cannot be occupied or used in any way by anyone other than SPL, until it is released by the USNRC.

In light of this situation, we ask that you try to expedite your review of this request and your findings. If you need more information or have questions regarding this matter, please notify me ASAP, as time is of the essence.

Thank you in advance for your prompt attention to this matter.

Yours truly,

A handwritten signature in cursive script that reads "James Alexander".

James Alexander
RSO

SUPERIOR PRODUCTION LOGGING, INC.

2921 BIG HORN AV. UNIT #1

CODY, WY 82414

August 9, 2011

RESULTS OF WIPE TESTS

Meter Type: Ludlum, Model 2200, serial No. 24231, Calibration date: 7/27/2011

METER EFFICIENCY = 11.8% (window off)

BACKGROUND COUNTS = 424 CPS

Sample No.	Average CPS	Net CPS	DPM	
1	432	8	68	West Bunker Wall
2	415	-9	-76	North Bunker Wall
3	428	4	34	Bunker Floor Area
4	415	-9	-76	Waste Barrel Floor Area
5	411	-13	-110	Work Bench Floor Area

RE-DO BACKGROUND COUNTS

BACKGROUND COUNTS = 412 CPS

6	425	13	110	Repeat West Bunker Wall
7	434	22	186	Repeat North Bunker Wall
8	420	8	68	Repeat Bunker Floor Area
9	423	11	93	Repeat Waste Barrel Floor Area
10	420	8	68	Repeat Work Bench Floor Area

ALL SAMPLES TAKEN AND ANALYZED BY James Alexander, RSO

SIGNED:

James Alexander

DATE:

August 9, 2011

575768



OCCUPATIONAL
SERVICES, INC.

Certificate of Calibration

OCCUPATIONAL SERVICES, INC., RADIOACTIVE MATERIALS LICENSE NUMBER: 5149-37

Manufacturer: Ludlum

Model: 2200

Customer: Superior Production Logging

Department: N/A

Serial: 24231

ID#: N/A

Batteries: A/C

Detector Voltage: 581V

Report Number: 1172624231

Environmental Conditions: Temperature: / 21.5 C

Pressure: 30.18 in Hg

Humidity: 28 %

Pulse calibrated with a Ludlum pulser and source checked. OSI uses a Ludlum Pulser Model 500. The pulsers are calibrated annually by Ludlum Measurements. The NIST traceability numbers are: R400843, 100052, 243516, 3078-503, 4492-435 and 251318. The uncertainty of the calibration source is +/- 2%. The acceptable calibration tolerance is +/- 10%. Calibration procedure SOP-CAL-11 5/09. OSI performs radiation detection instrument calibrations according to ANSI/NCLC Z540-1-1994 and ANSI N323-1978.

Calibration Frequency: ☐ Annually ☒ Semi Annually ☐ Quarterly

RANGE	CALCULATED VALUE	AS FOUND VALUES	ACCEPTED or ADJUSTED VALUE	DIFFERENCE	% ERROR
cpm	cpm	cpm	cpm	cpm	
500000	400000	399850	399850	-150	-0.04
500000	100000	99670	99670	-330	-0.3
50000	40000	39810	39810	-190	-0.5
50000	10000	9980	9980	-20	-0.2
5000	4000	4000	3980	-20	-0.5
5000	1000	1000	980	-20	-2
500	400	400	400	0	0
500	100	100	100	0	0

Notes: The internal/external switch located on the back of the unit, must always be placed in the internal position. Threshold: @1:40, Window: @ 4:00 and on, H.V: @ 1:70. Observed the Analog scale readings during the calibration and all ranges were with-in +/-10% of tolerance. Background: 412 cpm

Detector Type: Ludlum 44-2 Gamma Scintillator, s/n:113453 (Window on)	Detector Type: Ludlum 44-2 Gamma Scintillator s/n:113453 (Window off)
Background Reading: 412 cpm	Background Reading: 1228 cpm
Check Source Reading: N/A	Check Source Reading: N/A
Detector Efficiency: Ba-133	Detector Efficiency: Ba-133
10647 - 412 cpm = 7.67 %	16933 - 1228 cpm = 11.8 %
133390 dpm	133390 dpm

Condition Received: ☒ In Tolerance ☐ Out of Tolerance (* as Indicated in the Above Ranges)

Detector Exposure Orientation: ☒ N/A ☐ Parallel ☐ Perpendicular

Calibrated By:

Todd Hansen

Date of Calibration: 7/26/2011

Q.A. Review:

Next Due Date: 1/26/2012

This certificate shall not be reproduced except in full, without the written permission of Occupational Services, Inc.

Occupational Services, Inc. - 6397 Nancy Ridge Drive - San Diego, CA 92121
Tel 858-558-6736 - fax 858-558-6756 - www.occserv.com

ISOTECH LABORATORY, INC.

P.O. BOX 8608
MIDLAND, TEXAS 79708
(432) 689-8043

CALIBRATION CERTIFICATE

COMPANY NAME: SUPERIOR PRODUCTION LOGGING, INC.
2921 BIG HORN AVENUE
CODY WY 82414

Instrument Mfg: G.E. SMITH
Model: GS-500P
Serial Number: 116

SURVEY METER INSPECTION

1. Batteries Checked: [x]
2. Physical Condition: Good [x] Fair [] Poor []
3. Meter Movement Zeroed: [x]
4. Meter Movement Response: [x]
5. Probe Response: [x]
6. Parts Replaced: none

Instrument Range: 0-500 mR/hr

Radiation Intensity	Instrument Reading	Radiation Intensity	Instrument Reading
1. 357.78 mR/hr	360.0 mR/hr	5. 3.98 mR/hr	3.90 mR/hr
2. 101.49 mR/hr	102.0 mR/hr	6. 0.99 mR/hr	1.00 mR/hr
3. 32.73 mR/hr	33.30 mR/hr	7. 0.350 mR/hr	0.360 mR/hr
4. 7.97 mR/hr	8.10 mR/hr	8. 0.175 mR/hr	0.180 mR/hr

Isotech Laboratory, Inc. certifies that the above instrument has been calibrated to an accuracy of plus or minus 20% by methods and standards traceable to the National Bureau of Standards.

Calibrated By:

Lynn L. Williams

Lynn L. Williams
RSO

Date of Calibration: 05/12/2011

Calibration Due Date: 11/12/2011

575768

ISOTECH LABORATORY, INC.
P.O. BOX 8608
MIDLAND, TEXAS 79708
(432) 689-8043

C E R T I F I C A T E O F L E A K T E S T

SUPERIOR PRODUCTION LOGGING, INC.
P.O. BOX 382
CODY WY 82414

THIS is to certify that a swab identified as

<u>CS-137 ,</u>	<u>50 MCI ,</u>	<u>CSV-G92</u>
(Isotope)	(Activity)	(Serial No.)

was received by: ISOTECH LABORATORY, INC.

Analyzed By: James E. Brown

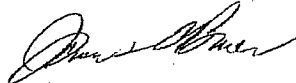
Date Leak Test Performed: 12/15/2007

Analysis of the swab indicated less than 0.00025
microcuries of removable contamination. **

Date to be Leak Tested Again: 06/15/2008

ISOTECH LABORATORY, INC.

BY:



James E. Brown / Lab Tech

** When analysis is approximately background,
contamination level is recorded as Less Than
0.00025 microcuries of removable contamination.

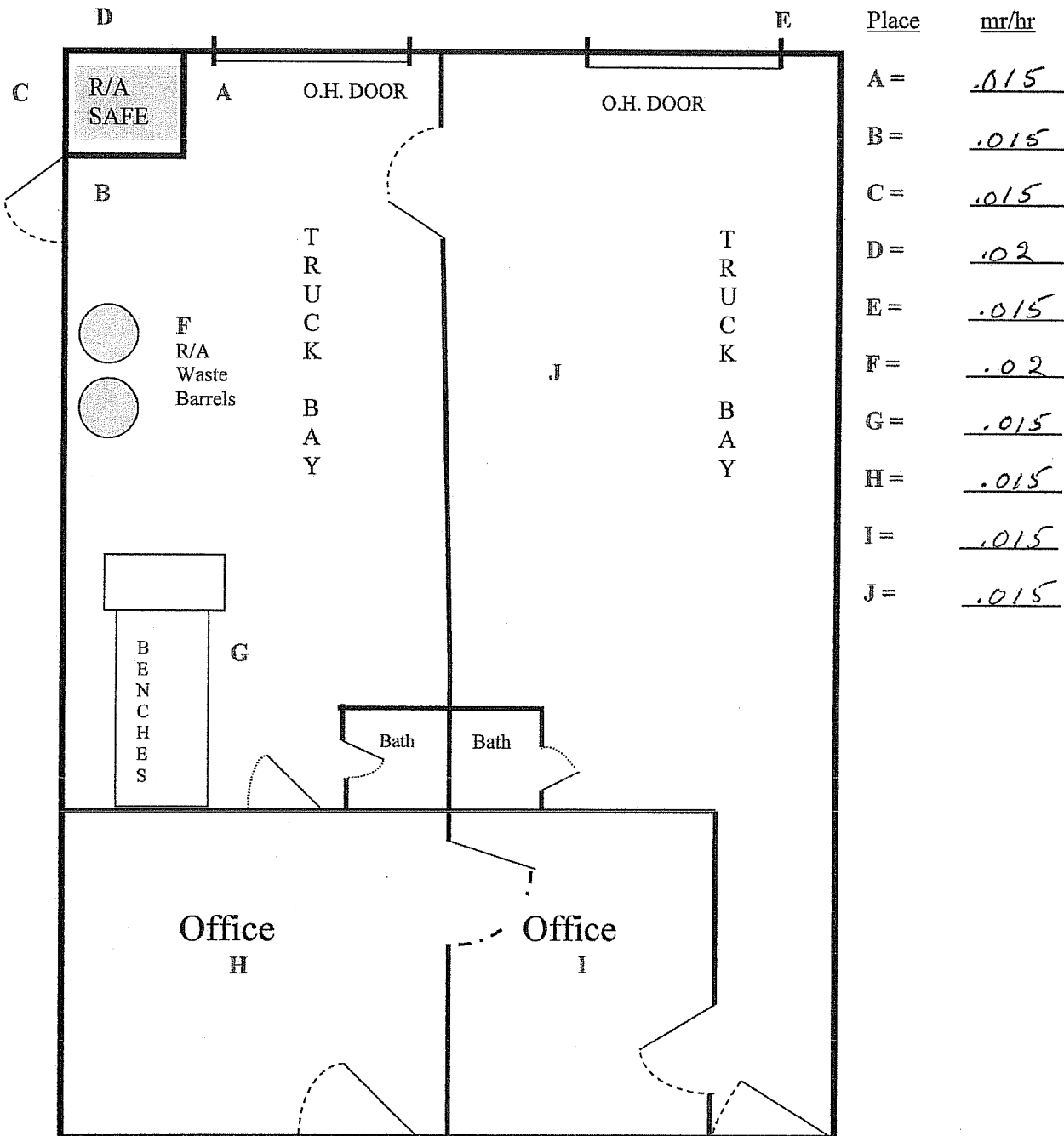
SHOP SURVEY FORM

Date 8-9-2011

Surveyed By Jim Alexander

Meter: GE Smith GS-500P

Meter Number #116 Calibration Date 5-12-2011



Building at 2921 Big Horn Ave – Unit # 1, Cody, WY
(Superior Production Logging will occupy the two west bays as shown above)

AUG - 9 2011

DATE

This is to acknowledge the receipt of your letter/application dated AUG - 9 2011, and to inform you that the initial processing, which includes an administrative review, has been performed.

☒ There were no administrative omissions. Your application will be assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

☐ Please provide to this office within 30 days of your receipt of this card:

The action you requested is normally processed within 90 days.

☐ A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 575768.
When calling to inquire about this action, please refer to this mail control number.
You may call me at 817-860-8103.

Sincerely,

Carol L. Heice

Licensing Assistant

BETWEEN:

Accounts Receivable/Payable
and
Regional Licensing Branches

[FOR ARPB USE]
INFORMATION FROM LTS

Program Code: 03110
Status Code: Pending Amendment
Fee Category: 5A
Exp. Date:
Fee Comments:
Decom Fin Assur Req'd: N

License Fee Worksheet - License Fee Transmittal

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: SUPERIOR PRODUCTION LOGGING, INC.
Received Date: 08/09/2011
Docket Number: 3029000
Mail Control Number: 575768
License Number: 49-26806-01
Action Type: Amendment

2. FEE ATTACHED

Amount: _____

Check No.: _____

3. COMMENTS

Signed: _____

Date: _____

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered / /)

1. Fee Category and Amount: _____

2. Correct Fee Paid. Application may be processed for:

Amendment: _____

Renewal: _____

License: _____

3. OTHER _____

Signed: _____

Date: _____