



Chemical, Metallurgical, Mechanical, Nondestructive, Environmental Testing, Analyses and Field Service.

Security Related Information

August 13, 2012

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United States Nuclear Regulatory Commission
Region III
Attn: Colleen Carol Casey
Materials Licensing Branch
2443 Warrenville Rd., Suite 210
Lisle, IL. 60532-4352

Re: "additional information to control number 574029"

Dear Ms. Casey,

Following is the requested written response to resolve outstanding issues as outlined in your July 30, 2012 letter, for renewal of St. Louis Testing Laboratories, Inc. byproduct materials license no. 24-00188-02.

1. Typo in procedure 8.7 the word "hour" was added. (see attachment 1)
2. Final leak test for Cobalt 60 serial #2007, 1.5 curies source (see attachment 2)

Upon review of amendment 35 of the license, sub item 9F; Should this paragraph specify for use in QSA Global, Inc. model 680A?

Feel free to contact me if you have any questions.

Sincerely,

Don Baumer
Assist. Director / RSO

Signed:

Rob Sinn, Laboratory Director

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8.7 Procedures for verifying and documenting the certification status of radiographers and for verifying that their certification remains valid.

The first item when a potential radiographer is hired and has no training or experience is he/she will go through the 40 hours initial training required by 10 CFR 34.43(g)

After the initial training then they receive on-the job training as well as the 8 hours training pursuant to 10 CFR 34.43(b)

All of this training will be documented and tracked on the form example below and put in there file. When they have completed the training and experience they will be given the 50 question exam and field practical exam.

PROGRESS REPORT FOR IRRSP RECERTIFICATION		
FOR: _____	INSTRUCTOR: <u>Radiation Safety Officer</u>	
TOPIC OF TESTING	DATE	GRADE
<u>Operating & Emergency Procedures</u> 10 Hours Instruction		
<u>Fundamentals of Radiation Safety</u> 8 Hours Instruction		
<u>Req. of Federal Regulations</u> 12 Hours Instruction		
<u>Radiation Detection Instruction</u> 5 Hours Instruction		
<u>Exposure Devices & Related Equipment</u> 5 Hours Instructions		
<u>IRRSP EXAM</u>		

After fulfilling the required time as assistant radiographer (2 months or 320 hours) the candidate will then be prepared to take the IRRSP exam through either the Illinois Emergency Management Agency, Division of Nuclear Safety, or through the ASNT to obtain a certified Radiographer's Radiation Safety card before being considered a qualified radiographer. Copies of the cards, training progress reports and exams will be kept in the radiographer's file for status and verification purposes. The 6 month audit cycles are tracked through the same system as calibration control for instruments. The system informs us when the audits come due.

SENTINEL

6765 Langley Drive
Baton Rouge, LA 70809
Telephone (225) 751-5893

Results to be sent to = Jürgen Bloch

**518
LEAK TEST**

Attachment 2

Co. Name St. Louis Testing Labs

P.O. No. N/A

Street 2810 Clark Ave.

NRC or State License No. Mass 12-8361

City, State St. Louis, Mo. 63103

Projector Model No. Gammatron 50A

Serial No. 50-51

Source Model No. A-7-A

Serial No. 2007

Curies 1.5 Ci.

IR-192 CO-60 CS-137 DU Other _____

Wipe Performed By J. Bentler, QSA Global Date 3 April 12

The United States Nuclear Regulatory Commission requires that radiographic sources be tested for evidence of leaking at the time of manufacture and thereafter at not more than six month intervals. Each exposure device using Depleted Uranium (DU) shielding must be tested for DU contamination at intervals not to exceed twelve months. The amount of removable contamination must not exceed 0.005 microcuries. If the test shows more than 0.005 microcuries of removable contamination, the source and equipment must be immediately taken out of service and be repaired or disposed of.

SENTINEL, QSA GLOBAL Use Only
Received On 4/10/12
Processed at QSA Global on 4/10/12
Radioassay < 0.05 Microcurie
Test Performed By JR
Next Leak Test Due _____



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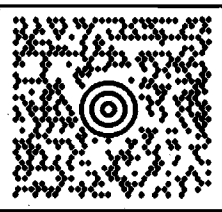
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SHARON WATTS
(314) 531-8080
ST. LOUIS TESTING LABORATORIES
2810 CLARK AVENUE
SAINT LOUIS MO 63103

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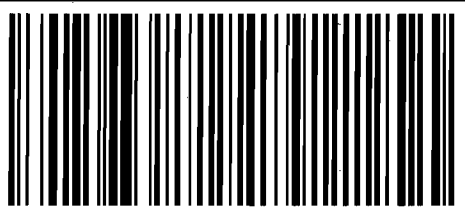
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COLLEEN CAROL CASEY
(630) 829-9841
U.S. NUCLEAR REG. COMMISS., REG III
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2443 WARRENVILLE ROAD, SUITE 210
LISLE IL 60532



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