

Conversation Record



COMPANY: Arcelormittal USA, Inc.

Jennifer Bishop
Materials Licensing Branch
U.S. Nuclear Regulatory Commission
Region III
2443 Warrenville Road, Suite 210
Lisle, Illinois 60532-4351
Jennifer.Dalzell-Bishop@nrc.gov

PAGES: 5

FAX #: _____

(630) 829-9607 FAX: (630) 515-1078

EMAIL: scott.bush@arcelormittal.com

CONVERSATION RECORD		TIME	DATE
		1:30 pm	1/7/13
NAME OF PERSON(S) CONTACTED	TELEPHONE NO.	ORGANIZATION	
Scott Bush	219-399-6498	Radiation Safety Officer	
License No.: 13-32359-01/13-03086-03		Control No.: 579494/579496	

SUMMARY

This refers to your application to combine your two licenses and terminate one license dated November 12, 2012 and the phone conversation between Scott Bush and Jennifer Bishop on January 7, 2013.

While reviewing you request to terminate license number 13-03086-03 and add the materials and locations of use to license number 13-32359-01, we found several discrepancies in the number and types of sources you requested.

- a. There are several devices that are included either in your current licenses or in you leak tests that were not requested in the amendment application. These include the ALNOR Model 7000U, the DMC Model 1900, and Loral Model 5310PC gauging devices.

Response: Please explain why these devices were not included in the amendment application. If these devices are generally licensed, please provide documentation indicating that these devices are possessed through a general license. For devices that need to be included in the license, please respond in writing stating that you would like to add them to the license.

- b. There are several devices that were requested in your application and are listed in your leak test results; however these are not currently listed on either of your licenses. These include the Berthold Systems Model LB 7440 CR and LD 300 ML, and the ASOMA Model 8620B gauging devices.

Response: Please provide documentation as to when and how these devices were obtained, as they are not currently listed on either of your licenses.

- c. In reviewing the leak test results provided, we noted that several devices contain a higher activity amount than allowed by the SSDR. For example, the NDS Model 200 devices located in the No. 3 Cold Strip and several Reuter Stokes Model S-811/Safety Ray gauging devices exceed the SSDR activity. See the attached pages for more details.

Response: Please explain the discrepancy between the allowed activity and the activity currently listed on the leak test reports.

- d. License Number 13-03086-03 currently authorizes you to possess 25 curies on Cobalt-60, however in the amendment request you have only requested 50 millicuries.

Response: Please explain the discrepancy between what you are currently authorized to possess and the possession limit you are requesting.

- e. Please note that by increasing the possession limit on the license, you are approaching the requirement for needing to provide decommissioning financial assurance. If future possession limit increases are needed, decommissioning financial assurance may be required.

Response: No response is required at this time. For more information on decommissioning financial assurance requirements, please refer to 10 CFR 30.35 and NUREG 1757, Volume 3.

NRC's Regulatory Issue Summary (RIS) 2005-31 provides criteria to identify security-related sensitive information and guidance for handling and marking of such documents. This ensures that potentially sensitive information is not made publicly available through ADAMS, the NRC's electronic document system. Pursuant to NRC's RIS 2005-31 and in accordance with 10 CFR 2.390, the enclosed license document is exempt from public disclosure because its disclosure to unauthorized individuals could present a security vulnerability. The RIS may be located on the NRC Web site at: <http://www.nrc.gov/reading-rm/doc-collections/gen-comm/reg-issues/2005/ri200531.pdf> and the link for frequently asked questions regarding protection of security related sensitive information may be located at: <http://www.nrc.gov/reading-rm/sensitive-info/faq.html>. A copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). The NRC's document system is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Action Required:

Submit the requested information within 7 calendar days (by January 21, 2013) by referencing control number 579494/579496 to facilitate proper handling in our office. Please contact me if you need to make alternative response arrangements.

If we do not receive an adequate response by this date, we may or will "void" the current action without attempting to contact you further and without prejudice to resubmission of your request at a later date. Upon receipt of your response we will reactivate placement of your request in our database and resume our review. Address your written response, via an appropriately dated and signed (by management) cover letter, to my attention at the above address.

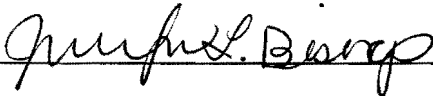
PLEASE NOTE THAT A AVOID IS AN ADMINISTRATIVE PROCEDURE THAT PUTS YOUR AMENDMENT REQUEST ON HOLD (TAKES IT OUT OF OUR ACTIVE CASEWORK DATABASE) UNTIL YOU REACTIVATE IT VIA A WRITTEN RESPONSE. IT ABUYS YOU TIME TO PREPARE A QUALITY RESPONSE AND IS GENERALLY REGARDED AS A GOOD THING.

PLEASE DIRECT ANY QUESTIONS YOU MAY HAVE TO ME AT (630) 829-9607.

NAME OF PERSON DOCUMENTING
CONVERSATION

SIGNATURE
DATE

Jennifer Bishop



1/7/2013

Sealed Radiation Source - Leak Test Certificate

ArcelorMittal USA

Department: No. 3 Cold Strip

Location	Isotope	Activity (mCi)	Manufacturer	Model No.	Serial No.	BKG	EFFICIENCY	LLD uCi	MAX CPM	NET CPM	DPM	Activity uCi
3 C/S, C Building, Column 108, Locker	Am-241	30.1	NDS	100-B	1067	82	0.846	0.00002	78	0	<LLD	<LLD
3 C/S, C Building, Column 108, Locker	Am-241	2001	NDS	200	2096-T	82	0.846	0.00002	55	0	<LLD	<LLD
3 C/S, C Building, Column 108, Locker	Am-241	2001	NDS	200	2127-B	82	0.846	0.00002	86	4	<LLD	<LLD
3 C/S, C Building, Column 108, Locker	Am-241	2001	NDS	200	2132-B	82	0.846	0.00002	85	3	<LLD	<LLD
3 C/S, #1 Normalizer Basement, Locked Cab	Am-241	2001	NDS	200	2111-B	82	0.846	0.00002	65	0	<LLD	<LLD
3 C/S, #1 Normalizer Basement, Locked Cab	Am-241	2001	NDS	200	2111-T	82	0.846	0.00002	68	0	<LLD	<LLD
3 C/S, #1 Normalizer Basement, Locked Cab	Am-241	2001	NDS	200	2132-T	82	0.846	0.00002	67	0	<LLD	<LLD
3 C/S, D Building, Column 65, Locker C	Am-241	2001	NDS	200	2127-T	82	0.846	0.00002	71	0	<LLD	<LLD
3 C/S, D Building, Column 65, Locker C	Am-241	2001	NDS	200	2097-T	82	0.846	0.00002	83	1	<LLD	<LLD
3 C/S, D Building, Column 65, Locker C	Am-241	1000	Loral	5310-1	2756-LX	82	0.846	0.00002	72	0	<LLD	<LLD
3 C/S, D Building, Column 65, Locker C	Am-241	1000	Loral	5310-1	2251 LX	82	0.846	0.00002	75	0	<LLD	<LLD
3 C/S, D Building, Column 65, Locker C	Am-241	1000	Weston	5310	5952 LA	82	0.846	0.00002	72	0	<LLD	<LLD
3 C/S, D Building, Column 65, Locker C	Am-241	1000	Loral	5310-PC	9906 LX	82	0.846	0.00002	82	0	<LLD	<LLD
2 Cold Strip, Multi Slitter Line	Am-241	1000	Loral	5310-1	2755-LX	82	0.846	0.00002	81	0	<LLD	<LLD
3 C/S, #5 Cont. Galv Line, Bottom Gauge	Am-241	1000	Weston	5310-1	2252 LX	82	0.846	0.00002	61	0	<LLD	<LLD
3 C/S, #5 Cont. Galv Line, Top Gauge	Am-241	1000	Loral	5310-1	5953-LA	82	0.846	0.00002	64	0	<LLD	<LLD
3 C/S, #5 Cont. Galv Line, Delivery	Am-241	1000	Loral	5310-PC	9907 LX	82	0.846	0.00002	63	0	<LLD	<LLD
3 C/S, Delivery Pulpit, Upstairs	Am-241	1000	DMC	1900	BC-5002	82	0.846	0.00002	82	0	<LLD	<LLD
3 C/S, Delivery Pulpit, Downstairs	Am-241	30.1	NDS	100-B	1026-B	82	0.846	0.00002	70	0	<LLD	<LLD
3 C/S, #3 Continuous Annealing Line, Lower	Am-241	1000	Weston	5310	5221-LA	82	0.846	0.00002	62	0	<LLD	<LLD
3 C/S, #3 Continuous Annealing Line, Upper	Am-241	1000	Weston	5310	5230-LA	82	0.846	0.00002	68	0	<LLD	<LLD
3 C/S, #3 Continuous Annealing Line, Delivery	Am-241	1000	Weston	5310	5233-LA	82	0.846	0.00002	71	0	<LLD	<LLD
3 C/S, 80" Inspection Line, A Line, Entry End	Am-241	1000	Weston	5310	5677 LA	82	0.846	0.00002	75	0	<LLD	<LLD
3 C/S, 80" Inspection Line, B Line	Am-241	1000	Loral	5310-PC	2617 LX	82	0.846	0.00002	69	0	<LLD	<LLD

Sealed Radiation Source - Leak Test Certificate

ArcelorMittal USA

Department: 80" Hot Strip Mill

Location	Isotope	Activity (mCi)	Manufacturer	Model No.	Serial No.	BKG	EFFICIENCY	LLD uCi	MAX CPM	NET CPM	DPM	Activity uCi
80" HS, Standby, Finish Mill, Motor Room	Am-241	900	ReuterStokes	S-811	A-2253	82	0.846	0.00002	64	0	<LLD	<LLD
80" HS, Standby, Finish Mill, Motor Room	Am-241	1000	ReuterStokes	S-811	A-2255	82	0.846	0.00002	75	0	<LLD	<LLD
80" HS, Standby, Finish Mill, Motor Room	Am-241	1150	ReuterStokes	Safety Ray	A-2207	82	0.846	0.00002	77	0	<LLD	<LLD
80" HS, Roll Line Btwn Rolls S13/S14 D4	Am-241	930	ReuterStokes	Safety Ray	A-2053	82	0.846	0.00002	75	0	<LLD	<LLD
80" HS, No. 1 Coiler, Entry Roll Stand T15/T 16 D5	Am-241	1150	ReuterStokes	S-811	A-2244	82	0.846	0.00002	60	0	<LLD	<LLD
80" HS, No 2 Coiler, North of Mandrel 1 / D6	Am-241	1000	ReuterStokes	Safety Ray	A-603	82	0.846	0.00002	75	0	<LLD	<LLD
80" HS, No 3 Coiler, North of Mandrel 2 / D7	Am-241	1150	ReuterStokes	Safety Ray	A-2205	82	0.846	0.00002	76	0	<LLD	<LLD
80" HS, Standby, Finish Mill, Motor Room	Am-241	900	ReuterStokes	Safety Ray	A-2201	82	0.846	0.00002	83	1	<LLD	<LLD
80" HS, Standby, Finish Mill, Motor Room	Am-241	960	ReuterStokes	S-811	A-2254	82	0.846	0.00002	72	0	<LLD	<LLD
80" HS, Motor Rm, Btwn Column D72/D71	Am-241	1100	ReuterStokes	Safety Ray	AM-1376	AT BSK	FOR	REPAIR	NOT	LEAK	TESTED	

ANALYSIS PERFORMED BY:

Stan A. Huber Consultants, Inc.
200 North Cedar Road
New Lenox, IL 60451

Next Due Date: March 2013

Leak Test Performed By: DK

Date: 10/31/2012

Analysis Performed By: Glenn Huber (SAHCI)

Date: 11/10/2012

ANALYSIS PERFORMED USING:

Packard Auto-Gamma Scintillation Spectrometer Model # D5003 Serial # 406282 and / or
Packard 1900CA Tri-Carb Liquid Scintillation Analyzer Model # A1900 Serial # 101464

Radiation Safety Office Signature:



ANALYSIS OF RESULTS:

Sources are not leaking at this time

Removable contamination is less than 5E-3 uCi. (0.005)