



United States Steel Corporation  
600 Grant Street, Room 1662  
Pittsburgh, PA 15219-2800  
412-433-5026

Stacey Sneberger  
Corporate Industrial Hygiene Specialist

Office of International Programs  
Washington, DC 20555-0001

Subject: Nucleonic Data Systems, Model 100B, Tin Thickness Measurement Gauge

Per communications with Angela Hutchinson, NRC contractor, this report is being submitted in accordance with 10 CFR 110.23 (a) and (b) for exportation of Americium 241 to Smederevo, Serbia under a general license. The following information is provided to meet the reporting requirements for this shipment.

On September 24, 2003, United States Steel Corporation shipped a Nucleonic Data Systems, Model 100B, Tin Thickness Measurement Gauge from U. S. Steel's Research Lab in Trenton, MI to U. S. Steel's facility in Smederevo, Serbia via Jan Packaging. The Trenton Research Lab was acquired by U. S. Steel as part of a purchase of the assets of National Steel on May 21, 2003. Some of the acquired assets were distributed throughout several U. S. Steel facilities and the leased property was closed. The NDS Tin Thickness Measurement Gauge was intended for use in U. S. Steel Serbia's QA laboratory as a portable test device. This device contains 30 mCi of Americium 241.

In October 2005, U. S. Steel Serbia sent the NDS Tin Thickness Measurement Gauge for calibration. The Institute of Nuclear Science "Vinca", Radiation and Environmental Protection Department, Belgrade, impounded the device awaiting paperwork. The NDS Tin Thickness Measurement Gauge is currently being stored in the Institute "Vinca" radioactive waste storage. I have attached copies of both the shipping documents and the Institute "Vinca" confirmation of acceptance and storing radioactive source document.

Based on discussions with Ms. Hutchinson, I am confident that this correspondence will bring USS into compliance with the requirements of 10 CFR 110.23 (a) and (b) and will close the matter concerning the Nucleonic Data Systems, Model 100B, Tin Thickness Measurement Gauge.

Please contact me with any further questions regarding this request. Thank you in advance for your help concerning this matter.

Sincerely,

Stacey Sneberger, RSO  
Corporate Industrial Hygiene Specialist

2005 AUG -8 PM 2:23

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FROM : ZASHTITA

FAX NO. : 455943

Mar. 28 2006 09:26AM P1



INSTITUTE OF NUCLEAR SCIENCES "VINČA"

Radiation and Environmental Protection Department

11001 Belgrade p.p.522

Phone:(011)245-38-67

(011)244-08-71

245-82-22

Faks:(011)245-59-43

U.S. Steel Serbia, d.o.o.

11300 SMEDEREVO  
Goranska 12

Your number:

Our number: 1067/2

Belgrade, 28.10.2005.

**CONFIRMATION**  
of acceptance and storing  
radioactive source

User: U.S. Steel Serbia, d.o.o., Beli limovi Šabac  
Device: Tin Thickness Measurement  
Type: Nucleonic Data Systems, Model 100B  
Serial number: 1006  
Isotope: Am-241  
Activity: (30 mCi)

Radioactive source is stored in Institute „Vinča“ radioactiv waste storage.



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Item #	Location	Assigned to	Product Name	Destination
23	USSK/B	USSK/B	Reheat Furnace	Slovakia
24	USSK/B	USSK/B	Hot-mill	Slovakia
25	USSK/B	USSK/B	Cold Mill	Slovakia
26	USSK/B	USSK/B	Lindberg Box Furnace	Slovakia
28	USSK/B	USSK/B	Hydrogen Furnace	Rejected
29	USSK/B	USSK/B	L&L Box Furnace	Slovakia
33	USSK/B	USSK/B	MTS 22 kip	Serbia
40	USSK/B	USSK/B	MTS 21 gpm hydraulic pump	Slovakia
41	USSK/B	USSK/B	MTS 3 gpm hydraulic pump	Slovakia
36	USSK/B	USSK/B	Gleeble HAZ	Slovakia
60	USSK/B	USSK/B	NDS gauge (Mesto Automotive Thickness Gauge)	Serbia
62	USSK/B	USSK/B	vision system	Slovakia
72	USSK/B	USSK/B	South Bend metalworking lathe	Serbia
74	USSK/B	USSK/B	Napco and Hotpack Ovens	Serbia
81	USSK/B	USSK/B	Donat Magnetic Tester	Slovakia
82	USSK/B	USSK/B	Calipers	Serbia
88	USSK/B	USSK/B	Radial Arm Drill	Serbia
89	USSK/B	USSK/B	Benchtop Grinders & belt sander	Serbia
90	USSK/B	USSK/B	Sandblaster	Serbia
91	USSK/B	USSK/B	Drill Press	Serbia
93	USSK/B	USSK/B	Shaper	Serbia
94	USSK/B	USSK/B	Chromex Raman	Serbia
95	USSK/B	USSK/B	CEM microwave	temporary loan to UEC
96	USSK/B	USSK/B	Biorad FTIR	Slovakia
99	USSK/B	USSK/B	Coulometrics Coulmeter	Slovakia
100	USSK/B	USSK/B	Perkin Elmer GC	Serbia
105	USSK/B	USSK/B	Blue M muffle furnace(s)	Serbia
107	USSK/B	USSK/B	Orion pH meter	Serbia
108	USSK/B	USSK/B	Branson ultrasonic bath	Slovakia
109	USSK/B	USSK/B	misc balances	Serbia
117	USSK/B	USSK/B	glassware	Slovakia
118	USSK/B	USSK/B	books and reference material	Slovakia
115	USSK/B	USSK/B	Computers/printers	Slovakia



# JAN

## PACKAGING INC.

P.O. BOX 448

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DOVER, NEW JERSEY 07801

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FAX (973) 361-3835

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WAREHOUSE RECEIPT - NON NEGOTIABLE

# JP 46416

DATE RECEIVED <u>7-23-03</u>	HAZARDOUS FREIGHT YES <input type="checkbox"/> NO <input type="checkbox"/>	LOCATION NO. <u>C-17</u>
PACKING LIST ATTACHED YES <input type="checkbox"/> NO <input type="checkbox"/>	IF YES, DESCRIPTION:	CARTONS <input type="checkbox"/>
<b>RECEIVED FOR THE ACCOUNT OF:</b>  <div style="border: 1px solid black; padding: 5px; display: inline-block;"> <u>U.S. STEEL</u>                      <u>LOAD #15</u> </div>		CASES <input type="checkbox"/>
		PALLETS <input type="checkbox"/>
		DRUMS <input type="checkbox"/>
		SKIDS <input type="checkbox"/>
		BUNDLES <input type="checkbox"/>
		CRATES <input type="checkbox"/>
		PAILS <input type="checkbox"/>
		PIECES <input type="checkbox"/>
		BOXES <input type="checkbox"/>
		ENVELOPES <input type="checkbox"/>
CYLINDERS <input type="checkbox"/>		

SHIPPER NATIONAL STEEL CORP TRENTON MI  
NAME ADDRESS

SHIPPED VIA JAN PRO NO. 75E29

TOTAL PIECES 10 TOTAL WEIGHT \_\_\_\_\_

CUSTOMER PURCHASE ORDER NO. SERBIA

DESCRIPTION OF ITEMS RECEIVED			
QUANTITY	COMMODITY	DIMENSIONS LxWxH	WEIGHT LBS.
1 PLT	1 LOT ITEMS # 6, 9, 33	1/10 48x44x44	
1 PLT	1 EA ITEM # 8	2/10 48x44x67	
1 BOX	1 LOT ITEMS # 4 & 5	3/10 48x48x28	
1 PLT	1 EA ITEM # 9	4/10 48x40x60	
1 PLT	1 LOT ITEMS 8 & 9	5/10 73x40x57	
1 PLT	1 LOT ITEMS 33, 94, 100 & 5	6/10 52x50x63	
1 BOX	1 LOT ITEMS 4, 5, 6, 8 & 9	7/10 48x46x28	
1 BOX	1 LOT ITEMS 60, 94, 100	8/10 48x48x36	
1 PLT	1 LOT ITEMS 59, 94, 100 & 107	9/10 44x44x38	
1 PLT	1 LOT ITEMS 4, 5, 33	10/10 48x42x39	

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ALL CARGO IS RECEIVED SUBJECT TO CONCEALED DAMAGES, COUNT, ETC. SEE TERMS AND CONDITIONS ON REVERSE SIDE.

EXCEPTIONS/REMARKS:

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UNLOADED/RECEIVED/COUNTED/MARKS/COUNTED BY

**X**                      P-507

The bailor hereby agrees that the goods covered by this Warehouse Receipt are released to the warehouseman at a value not exceeding \$.50 per pound per package or \$.20 per pound per unpackaged item, unless the bailor declares a specific value on the goods in the space below:

The value of the goods covered by this Warehouse Receipt is hereby declared to be \$ \_\_\_\_\_

TO BE COMPLETED BY BAILOR'S AGENT SIGNING BELOW

Agent for Bailor \_\_\_\_\_

**ACL ATLANTIC CONTAINER LINE AB (publ)**

ORIGINAL

**BILL OF LADING**

SHIPPER/EXPORTER (COMPLETE NAME AND ADDRESS) REF #: TECH UNITED STATES STEEL CORPORATION 600 GRANT STREET PITTSBURGH, PA 15219		BILL OF LADING NO.: ACLU 3360S1213311	
CONSIGNEE (COMPLETE NAME AND ADDRESS) REF #: TRGOVINSKO PREDUZECE SARTID D O O GORANSKA 12 1300 SMEDEREVO, YUGOSLAVIA		BOOKING NO.: S121331100	
NOTIFY (COMPLETE NAME AND ADDRESS) TTC LOGISTICS - BELGRADE 1100 BEOGRAD-OBILICEV VENAC 15/V SERBIA ATTN: MR SASA KUTLACA TEL: 381-11631-46		FORWARDER REF #: X4701	
PRE-CARRIAGE BY *		FORWARDER FMC No.: 1824R JAN INTERNATIONAL FORWARDING, INC 100 HARRISON STREET DOVER, NJ 07801 FMC# 1824R	
CARRIER (VESSEL / VOYAGE) ATLANTIC CONVEYOR 3360		LOADING PIER / TERMINAL NEW YORK, NY-MAHER TERM B64	
PORT OF DISCHARGE Antwerp		TYPE OF MOVE Pier Pier	
PLACES OF RECEIPT *		ROUTING & INSTRUCTIONS -	
PORT OF LOADING New York		ALSO NOTIFY -	
PLACE OF DELIVERY * SMEDEREVO, YUGOSLAVI		ROUTING & INSTRUCTIONS -	

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Marks & Nos. Container/Seal No.	Particulars Declared by Shipper Quantity and Description of Goods	Gross Weight in Kilos	Measurement in Cubic Meters
	1 X 40 Dry Cargo		
ACLU2171399 SN#:8343 No Marks	5 CASES MISC. USED STEEL MILL EQUIPMENT CASE NO. B, G, I, K, L	7,360 KGS	35.000 CM
	1 X 40 Dry Cargo		
ACLU2177150 SN#:8342 No Marks	7 CASES MISC. USED STEEL MILL EQUIPMENT CASE NO. E, F, H, M, O, P, S	4,593 KGS	29.000 CM
	1 X 40 High Cube		
ACLU9608794 SN#:8308341 No Marks	6 CASES MISC. USED STEEL MILL EQUIPMENT CASE NO. C, N, Q, R, T, U	6,176 KGS	28.000 CM

CONTINUED ON NEXT PAGE

Shipper Declared Value \$ _____ Subject to Extra Freight as Per Tariff and Clause 5 of this B/L		Freight Payable At/By Virginia Beach	LADEN ON BOARD DATE 09/24/2005	No. of Original Bill of Lading: 3
Freight Charges	Basis	Prepaid	Collect	CURT Code

CARRIER RECEIPT - Received for shipment in apparent external good order and condition, except otherwise noted above, the number of Containers or other packages listed under "NO. OF PKGS.". If the goods are shipped in sealed Containers, the carrier has no knowledge of and makes no representations as to the marks and numbers on the goods, the quantity and description of the goods furnished by the shipper, the gross weight or measurement, if the goods are shipped breakbulk, the carrier has verified the marks and numbers shown and the quantity shown, but not the description of the goods or the gross weight or measurement furnished by the shipper. This receipt covers only the Containers or other packages visible to the Carrier. The shipment to be transported by the ocean vessel, feeder vessel or other means of transportation (rail, truck or air), subject to the terms and conditions noted on this page and overleaf and also, when applicable, subject to the Carrier's published tariffs or file with the Federal Maritime Commission, Washington, D.C. USA and with the Canadian Transport Commission, Ottawa, Ont. Canada, such tariffs also being available from any port agent listed on the reverse side hereof. In accepting this bill of lading the merchant agrees to be bound by its terms and conditions insofar as the carrier herein ( 3 ) original (bills) of lading have been signed and approved, one of which being accomplished (no other) to be void.

\* Applicable only when document used as Through Bill of Lading