

FAX

DATE: 12/Aug/2010

TIME: 15:00

PAGES: 8

TO: USNRC-REGION IV

FROM: Ray Nelson

CO./DEPT. RANDY ERICKSON

PHONE # 817-860-8116

FAX # 817-860-8188



State of Utah

Department of Environmental Quality
Division of Radiation Control
166 North 1950 West
Salt Lake City, Utah 84116
(801)536-4250 Main Office/Voice Mail
(801)533-4097 FAX
(801)536-4414 TDD
www.deq.utah.gov
www.radiationcontrol.utah.gov

SUBJ: DOT SCRAP EXEMPTION

COMMENTS

UT-WY-10-001

And UT-WY-10-02

Any Questions Please Call
Ray Nelson UDRC

801-536-4266



Rocky Mountain HP Consultants, Inc.

P.O. Box 1580 Sandy, UT 84091
Tel: (801) 974-5144 Cell: (801) 560-3778 FAX: (801) 974-5699

7 pages total

FAX

TO: RAY NELSON (801/536-4266)
UTAH DIV. OF RADIATION CONTROL

FAX: (801) 533-4097

FROM: EDD JOHNSON

DATE: AUGUST 12, 2010

RE: DOT E-10856 Exemption for GONX 310550 MP641545

Ray—

Attached, please find the completed application for a DOT exemption to return above Railcars to the original shipper due to unknown radioactivity contained therein.

Please fax completed copies of this exemption to:

1. Me, at 974-5699
2. David Joseph, Attn: Abby Sutton (402) 341-0681
3. NUCOR Steel, Attn: Marilyn (435) 458-2320

Thanks again, Ray. If you have questions, please do not hesitate to call me at 560-3778.

UT-WY-10-01
UT-WY-10-02

Annex A

DOT-SP 10656 SHIPMENT APPROVAL FORM

2 of 2 Same Day

Approval Number UT WY 10 02 (Refer to SP 10656, paras. 8a-8b)

This shipment of scrap metal or related materials for recycle contains unidentified radioactive material causing low levels of radiation outside the transport vehicle. Shipment is under Special permit DOT-SP 10656 without a determination of materials meeting or not meeting the regulatory definition of radioactive material. The shipment is a minor radiological concern based on consideration of the U.S. Department of Transportation and the state official signing this shipment approval document.

DETAILS OF DETECTION SITE, MATERIALS, and ORIGIN

Facility: Name NUCOR STEEL Type: Steel Mill
Address: WEST CEMETARY ROAD, PLYMOUTH UTAH 84330

Contact person: Marilyn BALTAZAR RIZZO Ph. (435) 458-2448 Fax. (435) 458-2320

Highway or Rail Vehicle Type: RAILCAR Id. No.: GONX 310550
Owner: JIM HENLEY Operator Name: UPRR - OMAHA, NE

Contact person: HAZ. MATERIAL DEPT. Ph. (402) 544-9165 Fax. (402) 233-2529

Description of scrap and release risks: #1 Heavy Melt #2 Minimal Risk

Radiation Measurement Date/time performed: 8/12/10 9:30 AM

mrem/h (max) < 0.01 location on vehicle SIDE

Inst. Mfgr./type/model Ludlum, Model 12S μ R meter Bkg. mrem/h 0.004

Surveyor name: ROCKY MOUNTAIN HP CONSULTANTS, Edd Johnson Ph. (801) 560-3778

Handwritten note:
8-12-10

Shipment Origin Company: PACIFIC STEEL & RECYCLING Location: 819 Elk Street, Rock Springs, WY 82902

Contact person: Jack Stoken, Mgr. Ph. (307) 382-7970 Fax. (307) 382-7972
Ken Halko (406) 453-4269 (406) 791-8559

RADIATION CONTROL OFFICIALS (Detection, Origin, Destination States)

Detection State Official (receiving radiation detection info) Name: Ray Nelson, Health Physicist

Organization Utah Division of Radiation Control Ph. (801) 536-4250 Fax. (801) 533-4097

Origin State Official (prior to detection) Name: RANSEY SCOTT, RAO SUE SUPERVISOR

Organization WYOMING Ph. 307-277-4951 Fax. 307-638-7670

Destination State Official (after detection) Name: RANDY ERICKSON USNRC Region III

Organization USNRC-Wyoming Ph. 817-860-8116 Fax. 817-860-8188

DESTINATION for RADIOACTIVE MATERIAL IDENTIFICATION and DISPOSITION

If carrier and shipper to this location are different than ② and ③, show info in REMARKS

Company Name: SAME Location: _____

Contact person: _____ Ph. _____ Fax. _____

2 of 2 Same Day

SP-10656 Approval Number UT WY 10 02

Page 2

APPROVAL of SHIPMENT and SPECIAL CONDITIONS

Date: Aug 12, 2010

Conditions: NONE

Signature: Raymond G. Nelson Ph. 801-536-4250 Fax. 801-533-4077

Title Health Physicist Organization UTAH DU RAD Control Date 8/12/2010

IDENTIFICATION of RADIOACTIVE MATERIAL and DISPOSITION INFORMATION at DESTINATION

Name: _____ Title: _____ Date: _____

Organization _____ Ph. _____ Fax. _____

RECORD of TRANSMITTALS (Shipment Approvals and identification/disposition)
(Circumstances may influence distribution)

Shipment Approvals (Sent by 1 or 3) to (Show date sent)

502-227-4543
OED CRCPD _____ 1 yes _____, 2 yes _____, 3 yes _____,
4 yes _____, 5 _____, 6 yes _____, OTHER David Joseph Allen Abbey Jackson

RECORD OF Identification and Disposition (Sent by 6, 7, 8, or) to

6 _____, 7 _____, 8 _____, 9 _____, OED CRCPD _____

OTHER

REMARKS, OTHER INFORMATION



UT-WY-10-02

Rocky Mountain HP Consultants, Inc.
 P.O. Box 1580 Sandy, UT 84091

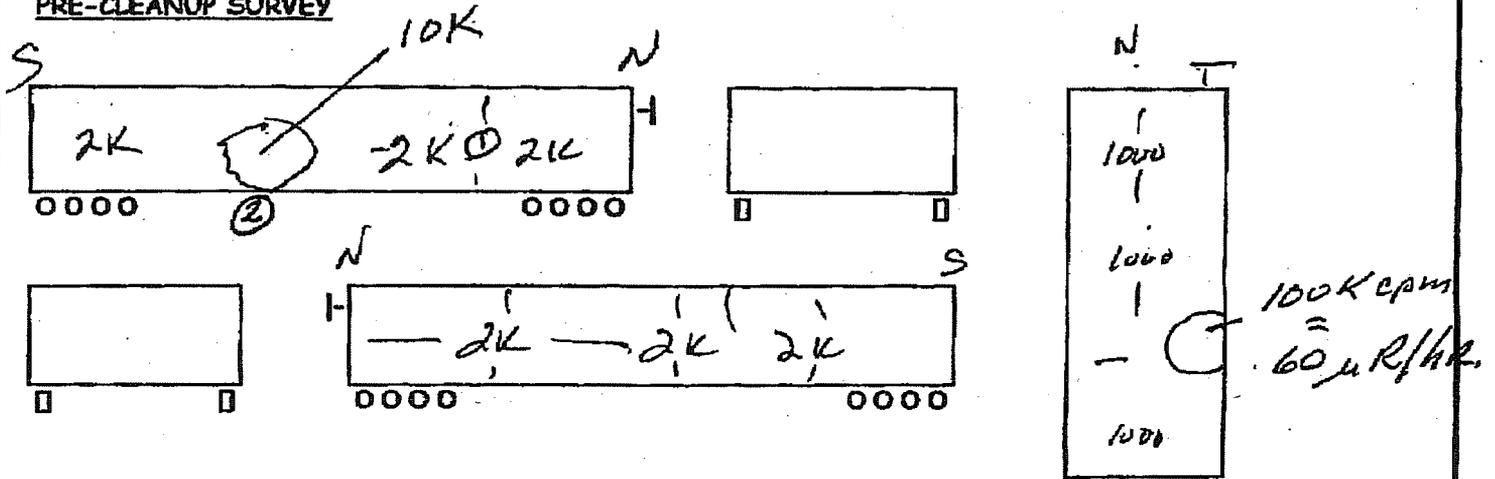
Tel: (801) 974-5144 Fax: (801) 974-5699 Cellular: (801) 560-3778

TRAINCAR RADIATION INVESTIGATION & SURVEY

Shipper: Pacifi Steel Date of Notification: 8/10/10 By: DJT - Abby
 Address: Rock Spgs Contact Person with Shipper: _____
 Tel. No: _____ FAX: _____

Car No: GONX 310550 Date of Evaluation: 8-12-10 Location: NUCOR - PLYMOUTH UT

PRE-CLEANUP SURVEY



Units for measurements recorded: CPM Highest surface reading (mR/hr): 0.060

Findings / opinions as to cause for radiation levels and alarms:

Boiler pipes on bottom of car, next to side

Indicate Wipe Test Areas with Circled Numbers.

All wipes < 0.003 μCi ? (Y/N) Y

Is maximum surface reading < 50 mR/hr?

(Y/N) Y

Does car meet requirements for DOT Exemption?

(Y/N) Y

Exemption Issued? (Y/N) _____

If Yes, Exemption No: _____

$\text{Bkgd} = 100 \text{cpm}$
 $10 \text{ pCi} = 0.008 \mu\text{Ci} = 20,000 \text{cpm}$
 $0.003 \mu\text{Ci} = 9,800 \text{cpm}$
 ① < 200 cpm
 ② < 200 cpm

Contact with UDRC:
 (536-4250) (533-4097 FAX)

Date: _____ Time: _____ Person: _____

Contact with Broker:
 (402/590-2080) (402/341-0691 FAX)

Date: _____ Time: _____ Person: _____

Contact with NUCOR:
 (Baltazar 435/458-2448)
 (Marilyn 435/458-2347)

Date: _____ Time: _____ Person: _____

Annex A

DOT-SP 10656 SHIPMENT APPROVAL FORM

1 of 2 Same Day

Approval Number UT WY 10 01 (Refer to SP 10656, paras. 8a-8b)

This shipment of scrap metal or related materials for recycle contains unidentified radioactive material causing low levels of radiation outside the transport vehicle. Shipment is under Special permit DOT-SP 10656 without a determination of materials meeting or not meeting the regulatory definition of radioactive material. The shipment is a minor radiological concern based on consideration of the U.S. Department of Transportation and the state official signing this shipment approval document.

DETAILS OF DETECTION SITE, MATERIALS, and ORIGIN

Facility: Name NUCOR STEEL Type: Steel Mill
Address: WEST CEMETARY ROAD, PLYMOUTH UTAH 84330

Contact person: Marilyn BALTAZAR RIZZO Ph. (435) 458-2448 Fax. (435) 458-2320

Highway or Rail Vehicle Type: RAILCAR Id. No.: MP 641545
Owner: JIM HENLEY Operator Name: UPRR - OMAHA, NE

Contact person: HAZ. MATERIAL DEPT. Ph. (402) 544-9165 Fax. (402) 233-2529

Description of scrap and release risks: #1 Heavy Melt #2 Minimal Risk

Radiation Measurement Date/time performed: 8-12-10

mrem/h (max) <0.020 location on vehicle Side

Inst. Mfgr./type/model Ludlum, Model 12S μ R meter Bkg. mrem/h 0.004

Surveyor name: ROCKY MOUNTAIN HP CONSULTANTS, Edd Johnson Ph. (801) 560-3778

Edd Johnson
8-12-10

Shipment Origin Company: PACIFIC STEEL & RECYCLING Location: 819 Elk Street, Rock Springs, WY 82902

Contact person: Jack Stoken, Mgr. Ph. (307) 382-7970 Fax. (307) 382-7972
Ken Halko (406) 453-4269 (406) 791-8559

RADIATION CONTROL OFFICIALS (Detection, Origin, Destination States)

Detection State Official (receiving radiation detection info) Name: Ray Nelson, Health Physicist

Organization Utah Division of Radiation Control Ph. (801) 536-4250 Fax. (801) 533-4097

Origin State Official (prior to detection) Name: Ramsy Scott, RAD SVC Supervisor

Organization WYOMING Ph. 307-777-4951 Fax. 307-658-7670

Destination State Official (after detection) Name: RANDY ERICKSON USNRC Region III

Organization USNRC-Wyoming Ph. 817-860-8116 Fax 817-860-8188

DESTINATION for RADIOACTIVE MATERIAL IDENTIFICATION and DISPOSITION

If carrier and shipper to this location are different than ② and ③, show info in REMARKS

Company Name: SAME Location: _____

Contact person: _____ Ph. _____ Fax. _____

SP-10656 Approval Number UT WY 10 01

1 of 2 Same Day
Page 2

APPROVAL of SHIPMENT and SPECIAL CONDITIONS

Date: 8-12-2010

Conditions: None

Signature: Raymond G. Nelson Ph. 801-536-4266 Fax. 801-533-4097

Title Health Physicist Organization Utah Div. Rad Control Date 8/12/10

IDENTIFICATION of RADIOACTIVE MATERIAL and DISPOSITION INFORMATION at DESTINATION

Name: _____ Title: _____ Date: _____

Organization _____ Ph. _____ Fax. _____

RECORD of TRANSMITTALS (Shipment Approvals and identification/disposition)
(Circumstances may influence distribution)

Shipment Approvals (Sent by ① or ⑤) to (Show date sent)

OED CRCPD 502-277-4543 ① Yes, ② Yes, ③ Yes,
④ Yes, ⑤ Yes, ⑥ Yes, OTHER DAVID Joseph Allen Abby Sutton

RECORD OF Identification and Disposition (Sent by ⑥, ⑦, ⑧, or ⑨) to

⑥ _____, ⑦ _____, ⑧ _____, ⑨ _____, OED CRCPD _____

OTHER _____

REMARKS, OTHER INFORMATION

In case of an emergency, notify the National Response Center ((800) 424-8802) and the (⑩) authorizing official and



UT WY-10-01

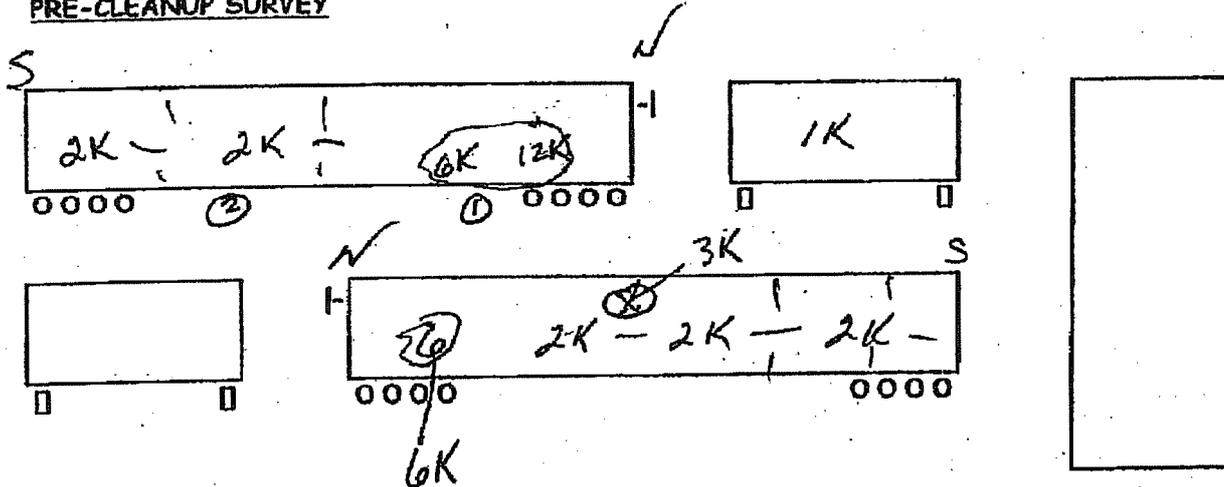
Rocky Mountain HP Consultants, Inc.
 P.O. Box 70449 West Valley City, UT 84170
 Tel: (801) 974-5144 Fax: (801) 974-5699 Cellular: (801) 560-3778

TRAINCAR RADIATION INVESTIGATION & SURVEY

Shipper: Pacific Steel Date of Notification: 8/6/10 By: AJJ - Sue
 Address: Rock Springs WY Contact Person with Shipper: _____
 Tel. No: _____ FAX: _____

Car No: MP 6415AS Date of Evaluation: 8-12-10 Location: NUCOR - Plymouth

PRE-CLEANUP SURVEY



Units for measurements recorded: CPM Highest surface reading (mR/hr): <0.010

Findings / opinions as to cause for radiation levels and alarm:
Unable to determine - under load.

Indicate Wipe Test Areas with Circled Numbers. All wipes <0.003 µCi? (Y/N) Y
 Is maximum surface reading <50 mR/hr? (Y/N) Y
 Does car meet requirements for DOT Exemption? (Y/N) Y
 Exemption Issued? (Y/N) _____ If Yes, Exemption No: _____

Bldg = 100cpm
TP 99 SH = 26,010cpm
0.003µCi = 9,800cpm
① < 200cpm
② < 200cpm

Contact with UDRG: _____ Date: _____ Time: _____ Person: _____
 (536-4250) (533-4097 FAX)
 Contact with Broker: _____ Date: _____ Time: _____ Person: _____
 (402/590-2080) (402/341-0691 FAX)
 Contact with NUCOR: _____ Date: _____ Time: _____ Person: _____
 (Baltazar 435/458-2448)
 (Marilyn 435/458-2347)