MEMORANDUM

TO: File

THROUGH: Phil Goble, Section Manager

FROM: Russell J. Topham, P.E.

DATE: March 13, 2013


On March 7, 2013, I performed an inspection of in-situ leach (ISL) waste disposal operations at the White Mesa uranium mill on behalf of the Utah Division of Radiation Control (DRC). This inspection responds to a 11e.(2) Byproduct Receipt Notification from EFR, dated February 26, 2013. EFR is allowed to dispose this byproduct material in Tailings Cell 3 only, which is allowed by License Condition 10.5 of the EFR Radioactive Materials License.

On February 26, 2013, DRC received notice that EFR would receive six loads of 11e.(2) byproduct material, and intended to dispose of that waste in Cell 3 on March 8, 2013. Three loads were ultimately received prior to the commencement of the burial activity, with the remaining three delayed and expected to arrive sometime the following week. EFR originally scheduled the burial operation for Friday, March 8, 2013. However, given that three of the loads had already arrived onsite, and the remaining three would not arrive until after March 11, EFR proposed and I agreed to burial of the received loads the afternoon of March 7.

We (Kevin Carney, Boyd Imai and myself) checked in at the White Mesa mill at 8:00 a.m. on March 7, 2013 coordinate with mill personnel several inspections. Soon thereafter we met with Mr. Dan Hillston, Ronnie Nieves, Garrin Palmer, Tanner Holliday and David Turk, and planned the inspection activities. We commenced with paperwork review for the inspections involved. In my case, that work involved acquiring copies of all ISL disposal activities following the last DRC inspection on December 20, 2012, and reviewing those for compliance with provisions of the License and Standard Operating Procedure PBL-10 (SOP). I also took a quick trip around the disposal cells in the company of Mr. Palmer and Mr. Holliday to follow through on findings from other inspections and to gain additional perspective related to the quarterly DMT/BAT report review currently ongoing.

I had in hand a copy of the SOP bearing Revision Number R-3.2 and revision date February 27, 2013. The new revision responded to DRC comments emanating from the December 20, 2012 ISL disposal inspection, and I intended to use this inspection to test the revisions against the expectations which drove
the request for revision.

Material disposed consisted of soil, with occasional incidental pieces of metal, wood or other debris. The material disposed represented loads from URI Incorporated in Kingsville, Texas, shipped by Greenfield Logistics, Inc., bearing Shipper Number 13KVD-007 through 13KVD-009, and received onsite February 27 (2 loads) and March 6 (1 load). The bill of lading for each of these loads appears in the attachments to this report.

At about 10:30 a.m., while performing review of the paperwork, I received word that three of the loads scheduled for the March 8 disposal had not arrived, and inquiry revealed that they would not arrive until sometime the following week. We concluded, given the forecast for snow on March 8, and the current favorable conditions, that moving disposal of the three loads that had arrived to 2:00 the afternoon of March 7 would benefit all concerned.

The 1 le.(2) waste disposal operation commenced about 1:30 p.m. in a single excavation. The excavation extended into the tailings sand, as evidenced by the spoils adjacent to the excavation, and exposed solution at approximately 16 inches below the rim of the excavation. Given the elevation of the solution, I could not observe the bottom of the excavation.

Mr. Holliday and Mr. Palmer had surveyed the level at the bottom of the excavations prior to my arrival. Using a front-end loader, a small dozer and small backhoe-loader unit, crews placed the waste in the excavation and tamped it down to approximately one foot below the top of the excavation. Mr. Palmer and Mr. Terry Slade then surveyed the elevation of the top of the waste, and the crews filled the excavation to the top with soil. Given the high solution level, the waste and fill soils achieved the consistency of a thick paste. Efforts to compact the soil resulted in the dozer sinking nearly to the point of immobilization. Thus, the crew did not complete compaction of the material at this time.

EFR appears compliant with Part 10.5.E.(2) of the RML with respect to the elevation of burial. It appeared that all provisions of the approved disposal SOP were followed during placement and burial of the bulk waste, except as previously noted.

I reviewed files and photos for all other ISL disposal activities performed since the December 20, 2012 inspection. My review revealed no evidence of variance from the RML or the SOP.

Finding: As far as EFR has completed the work, EFR appears to have followed applicable provisions of the RML and of the SOP for the burial operation I observed. Furthermore, EFR appears to have followed RML and SOP requirements for the burial operations between December 20, 2012 and March 7, 2013.

Recommendation: I recommend requesting updates, with photos, as EFR attempts to complete the required compaction of cover soils.

Recommendation: I recommend the DRC review this burial at the next inspection to characterize more completely the results achieved. The follow-through should include interviews with involved personnel, wheel-walking in the field to demonstrate compression and rebound versus an adjacent area, and review of documents for this burial for any additions.

I took the opportunity while onsite to follow through on issues identified in the September 28, 2012 DMT inspection, and to site-specific review of liner repair operations at Tailings Cells 2 and 4A. Detailed discussion of these items will appear in the review memorandum for the 4th Quarter 2012 DMT Monitoring Report. The findings from this review are:
Finding: Top dressing soils placed to protect the liner made physical inspection of the Cell 2 liner repair impossible. However, review of file documentation and photos supports a conclusion that EFR took appropriate measures to assure a successful repair.

Finding: Inspection of the Cell 4A repair site revealed no visual signs of defects in the repair. Review of file documentation and photos supports a conclusion that EFR took appropriate measures to assure a successful repair.

Finding: Emerging rill erosion noted on the exterior embankments to Cells 4A and 4B in the December 20, 2012 DMT inspection has been corrected.

Finding: The December 20, 2012 DMT inspection identified movement monitors in the center of the perimeter road atop the exterior embankment to Cell 4A. EFR has not yet moved the monitors to a location less vulnerable to disturbance. However, the optimum time to relocate the movement monitors will not come until the annual monitor survey in May, 2013.

I have attached a photo log documenting parts of the burial operation.

Attachments: Photo log, Receipt Notification for all loads received since the December 20, 2012 inspection, Bill of Lading and Disposal Documentation for each load received since December 20, 2012, Elevation survey data
January 4, 2013

VIA Electronic Mail (PDF) and UPS

Mr. Rusty Lundberg
Division Director of Radiation Control
State of Utah Department of Environmental Quality
195 North 1950 West
PO Box 144830
Salt Lake City, UT 84114-4820

Dear Mr. Lundberg,

Re: 11 e.(2) Byproduct Receipt Notification

Pursuant to Radioactive Materials License (RML) UT1900479 condition 10.5.F, Energy Fuels Resources (USA) Inc. is hereby notifying the Division of Radiation Control that the White Mesa Uranium Mill will be receiving and disposing of eight loads of 11 e.(2) byproduct materials on January 14, 2013.

If there are any questions regarding these shipments or the scheduling of the disposal activities feel free to contact me at the White Mesa Mill at 435.678.4113.

Regards,

David Turk
Manager Environmental Health & Safety
Energy Fuels Resources (USA) Inc.

cc: Denver Central Files
ATTACHMENT 2
11e.(2) BYPRODUCT MATERIAL DISPOSAL DOCUMENTATION FORM

Date: 1-4-13

Name of employee receiving the load: Terry Slade

Generator of the Byproduct Material: Cameco - Smith Ranch

Was the State of Utah given notice to the receipt/disposal activities associated with this load? Yes

Who gave and when was the notification given? David Turk 12-12-12

Description of byproduct material disposal area/activities.

Pond Material See photos See plate

Has each drum been inspected to identify the presence of any void spaces? N/A

Have all drums with void spaces been filled with tailings sands or soil? N/A

Which tailings cell was the material placed in? Cell 3

Was the material placed on a tailings beach area of the cell or on an area of the cell that was underlain by tailings sands?

Material was placed in a trench that was above the sands.

Was the material segregated from any Mill material or equipment disposed of in the cell? Yes

Was the material segregated from byproduct material from other ISL sources disposed of in the cell? Yes
Have the thickness and placement measurements been verified and documented for the disposal area by the engineer, specifically

<table>
<thead>
<tr>
<th>Question</th>
<th>Engineer's or RSO's Initials</th>
</tr>
</thead>
<tbody>
<tr>
<td>Was the material placed in a cell approved by the executive Secretary for ISL waste disposal?</td>
<td>Yes</td>
</tr>
<tr>
<td>Was the ISL material segregated from disposed Mill material and other ISL material?</td>
<td>Yes</td>
</tr>
<tr>
<td>Refer to plat(s) used to confirm Call 3 S A, Disp &amp; Area</td>
<td>B</td>
</tr>
<tr>
<td>Was the maximum lift thickness above tailings less than 4 feet thick?</td>
<td></td>
</tr>
<tr>
<td>Was the maximum lift thickness of subsequent lifts less than 2 feet thick?</td>
<td></td>
</tr>
<tr>
<td>Has 4 foot of tailings sands been maintained under each disposal area?</td>
<td>Yes</td>
</tr>
<tr>
<td>Refer to drawings used to confirm Call 3 Const Drawings</td>
<td>B</td>
</tr>
<tr>
<td>Is the bottom of each disposal area at least 12 feet from the sides or dikes of the tailings cell?</td>
<td>Yes</td>
</tr>
<tr>
<td>Refer to drawings used to confirm Call 3 Const Drawings</td>
<td>B</td>
</tr>
<tr>
<td>Will the elevation of the material exceed the plane or grade of the elevation of the uppermost flexible membrane liner of the cell?</td>
<td>No</td>
</tr>
<tr>
<td>How was this confirmed (e.g., survey or review)</td>
<td></td>
</tr>
</tbody>
</table>

How was the area compacted? Was each lift compacted by heavy equipment (such as a Cat D-6) at least 4 times prior to placement of subsequent lifts?

Area was compacted with a loader at least 8 times per lift.

Were void spaces filled with tailings?

Yes, material was covered with sands the soil and compacted.

Was the shipment properly covered?

Yes, see above.

Are additional settlement monitors required to be placed for this generator?

N/A

If required, where were settlement markers were placed?

N/A
Radiological receipt survey measurements.

1. Was a Breathing Zone Sample collected? Yes or No
2. If yes, what were the results of the sampling?

Breathing Zone

Was a photograph taken during the unloading activities? Yes or No
**STRAIGHT BILL OF LADING**

**ORIGINAL—NOT NEGOTIABLE**

--

**GREENFIELD LOGISTICS**

- **Name of Carrier:**
- **SCAC:**
- **Date:**

**From:** Shipper CAMECO RESOURCES, INC

- **Address:**
- **City:**
- **State:**
- **Zip Code:**

**To:** Consignee Denison Mines Corporation

- **Address:**
- **City:**
- **State:**
- **Zip Code:**

**Route**

<table>
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<tr>
<th>No. of units &amp; container type</th>
<th>HM</th>
<th>Basic Description</th>
<th>Total Quantity</th>
<th>Weight</th>
<th>RATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Roll off XX</td>
<td></td>
<td>RQUN2912, RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), CLASS 7</td>
<td>130.35</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Place Cards:**

- **Radioactive 7**

**Shipper No 113-1**

**Carrier No**

**Date 11/3/13**

---

**MARKING AND LABELING REQUIREMENTS**

**SHIPPING INDEX N/A AS PER FR172 203(d)(5)**

**Chemical Form:** NATURAL URANIUM OXIDE UO₂·2H₂O

**Daughter Products:** RADIONUCLIDE- RESIDUAL NATURAL URANIUM & ASSOCIATED DAUGHTER PRODUCTS

**Transportation Index:** N/A AS PER 48CFR172 203(5)

**PLACARDS:** RADIOACTIVE 7

**REMIT COD TO**

**Address**

**COD Amount $**

**COD Fee**

**Charges 1**

**Freight Charges**

**Per:**

**Date 11/3/12**

**Per:**

**Date 11/3/12**

**Rev 1 September 10, 2012**

Page 1 of 1

**J 4) Radiation Protection Program/SRH-RPP-01 (Volume IV-Health Physics)/SRH-RPP-01 (Forms)/SRH-RPP-01 (C7) I.R. E.B. 3Cl. ou By-Pics**
**Generator of Byproduct material**  
**Smith Ranch**

**Controled Elevation used (Cell 3)**  
5612 27

<table>
<thead>
<tr>
<th>Area</th>
<th>Elevation</th>
<th>Transit Shot</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial shot for trench</td>
<td>5 76</td>
<td></td>
</tr>
<tr>
<td>Top of trench</td>
<td>5607 77</td>
<td>10 26</td>
</tr>
<tr>
<td>Bottom of trench</td>
<td>5601 83</td>
<td>16 2</td>
</tr>
<tr>
<td>Initial shot used for material</td>
<td>5 76</td>
<td></td>
</tr>
<tr>
<td>Top of material in trench</td>
<td>5606 01</td>
<td>12 02</td>
</tr>
</tbody>
</table>

Top of cell 3 Liner  
5608 5
Feet below liner  
2 49
ATTACHMENT 2

11e(2) BYPRODUCT MATERIAL DISPOSAL DOCUMENTATION FORM

Date: 1/8/13

Name of employee receiving the load: Garrison Palmer

Generator of the Byproduct Material: Smith Ranch

Was the State of Utah given notice to the receipt/disposal activities associated with this load? Yes or No

Who gave and when was the notification given?

David Turk, 1/4/13

Description of byproduct material disposal area/activities

See photos and platte.

Has each drum been inspected to identify the presence of any void spaces? NA

Have all drums with void spaces been filled with tailings sands or soil? NA

Which tailings cell was the material placed in? Cell 3

Was the material placed on a tailings beach area of the cell or on an area of the cell that was underlain by tailings sands?

Material was placed in a trench that was down to the sands.

Was the material segregated from any Mill material or equipment disposed of in the cell? Yes

Was the material segregated from byproduct material from other ISL sources disposed of in the cell? Yes
Have the thickness and placement measurements been verified and documented for the disposal area by the engineer, specifically

<table>
<thead>
<tr>
<th>Question</th>
<th>Yes/No</th>
<th>Engineer’s or RSO’s Initials</th>
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<tr>
<td>Was the material placed in a cell approved by the executive Secretary for ISL waste disposal?</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Documentation of approval</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Was the ISL material segregated from disposed Mill material and other ISL material?</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Refer to plat(s) used to confirm</td>
<td>Cell 3 IC e.7 Disposal Area</td>
<td></td>
</tr>
<tr>
<td>Was the maximum lift thickness above tailings less than 4 feet thick?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Was the maximum lift thickness of subsequent lifts less than 2 feet thick?</td>
<td></td>
<td></td>
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<tr>
<td>Has 4 foot of tailings sands been maintained under each disposal area?</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Refer to drawings used to confirm</td>
<td>Cell 3 Const. Drawings</td>
<td></td>
</tr>
<tr>
<td>Is the bottom of each disposal area at least 12 feet from the sides or dikes of the tailings cell?</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Refer to drawings used to confirm</td>
<td>Cell 3 Const. Drawings</td>
<td></td>
</tr>
<tr>
<td>Will the elevation of the material exceed the plane or grade of the elevation of the uppermost flexible membrane liner of the cell?</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>How was this confirmed (e.g., survey or review)</td>
<td>Survey</td>
<td></td>
</tr>
</tbody>
</table>

How was the area compacted? Was each lift compacted by heavy equipment (such as a Cat D-6) at least 4 times prior to placement of subsequent lifts?

**Area was compacted with a loader at least 8 times per lift.**

Were void spaces filled with tailings?

**Yes, material was covered with sands then soil and compacted.**

Was the shipment properly covered?

**Yes, see above.**

Are additional settlement monitors required to be placed for this generator?

**NA**

If required, where were settlement markers were placed?

**NA**
Radiological receipt survey measurements

16 mR/h

Breathing Zone:

1. Was a Breathing Zone Sample collected? Yes or No
   Yes

2. If yes, what were the results of the sampling?

Was a photograph taken during the unloading activities? Yes or No

Yes
**SRAIGHT BILL OF LADING**

**ORIGINAL--NOT NEGOTIABLE**

**GREENFIELD LOGISTICS**

**(Name of Carrier) (SCAC)**

Date 1/7/13

---

**From:** Shippers CAMECO RESOURCES, INC

**To:** Consignee Denison Mines Corporation

**Street:** 6425 South HWY 191

City **BLANDING** State **UT** Zip Code **84511**

---

**CARRIER: GREENFIELD LOGISTICS**

---

**PLACARDS TENDERED**

YES X NO □

---

**REM TO COD TO ADDRESS**

COD N/A $

COD PREPAID COLLECT $ □

COD FEE $ □

TOTAL CHARGES $ □

---

**RECEIVED:** Subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading the property described above in apparent good order except as noted (contents and condition of contents of packages unknown) marked consigned and consigned as indicated above which said carrier (the word carrier being understood throughout the contract as meaning any person or corporation in possession of this property under the contract) agrees to carry to its usual place of delivery of said destination on its route, to deliver to another carrier on the route to said destination. It is mutually agreed to by each carrier of all or any part of said property over all or any portion of said route to destination and to each party at any time interested in all or any part of said property. Every service to be performed hereunder shall be subject to all the bills of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

**SHIPPER CAMECO RESOURCES, INC**

**CARRIER: GREENFIELD LOGISTICS**

---

**PER:**

**DATE:** 1/7/13

---

**FREIGHT CHARGES PREPAID**

**strstr: Other charged...| See Section 2a of Item 380**

---

**MARKING AND LABELING REQUIREMENTS**

**CLASSIFICATION:**

**HAZARD CLASS:**

**IDENTIFICATION NUMBER (UN or NA):**

**PACKING GROUP:**

---

**RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-3), CLASS 7**

---

**DO NOT LOAD OTHER FREIGHT IN THIS VEHICLE, TRANSFER EN ROUTE**

---

**SHIPPER:** CAMECO RESOURCES, INC

**CARRIER:** GREENFIELD LOGISTICS

---

**REV:** September 10, 2012

Page 1 of 1

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JWM) Radiation Protection Program: STH-RPP-01 (Volume IV: Health Physics) STH-RPP-01 (Forms) STH-RPP-01 071 RQ Bill of Lading—By Pacific
January 4, 2013

VIA Electronic Mail (PDF) and UPS

Mr. Rusty Lundberg  
Division Director of Radiation Control  
State of Utah Department of Environmental Quality  
195 North 1950 West  
PO Box 144830  
Salt Lake City, UT 84114-4820

Dear Mr. Lundberg,

Re. 11e (2) Byproduct Receipt Notification

Pursuant to Radioactive Materials License (RML) UT1900479 condition 10 5 F, Energy Fuels Resources (USA) Inc is hereby notifying the Division of Radiation Control that the White Mesa Uranium Mill will be receiving and disposing of eight loads of 11e (2) byproduct materials on January 14, 2013.

If there are any questions regarding these shipments or the scheduling of the disposal activities feel free to contact me at the White Mesa Mill at 435 678 4113.

Regards,

David Turk  
Manager Environmental Health & Safety  
Energy Fuels Resources (USA) Inc

cc Denver Central Files

Energy Fuels Resources (USA) Inc  
Blanding Utah 84511  
PO Box 809 6425 South Hwy 191  
Phone 435-678-2921
ATTACHMENT 2
11e.(2) BYPRODUCT MATERIAL DISPOSAL DOCUMENTATION FORM

Date: 1/10/13

Name of employee receiving the load: Garrison Palmer

Generator of the Byproduct Material: Smith Ranch

Was the State of Utah given notice to the receipt/disposal activities associated with this load? Yes or No

Who gave and when was the notification given?

David Turk, 1/4/13

Description of byproduct material disposal area/activities:
See photo and plate

Has each drum been inspected to identify the presence of any void spaces? NA

Have all drums with void spaces been filled with tailings sands or soil? NA

Which tailings cell was the material placed in? Cell 3

Was the material placed on a tailings beach area of the cell or on an area of the cell that was underlain by tailings sands?

Material was placed in a trench that was dug to the sands.

Was the material segregated from any Mill material or equipment disposed of in the cell? Yes

Was the material segregated from byproduct material from other ISL sources disposed of in the cell? Yes
Have the thickness and placement measurements been verified and documented for the disposal area by the engineer, specifically:

<table>
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<tr>
<th>Question</th>
<th>Answer</th>
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<tbody>
<tr>
<td>Was the material placed in a cell approved by the executive Secretary for ISL waste disposal?</td>
<td>Yes</td>
</tr>
<tr>
<td>Documentation of approval</td>
<td>License HU/19849 Ammex</td>
</tr>
<tr>
<td>Was the ISL material segregated from disposed Mill material and other ISL material?</td>
<td>Yes</td>
</tr>
<tr>
<td>Refer to plat(s) used to confirm. Cell 3 11e.2 Disposal Area</td>
<td></td>
</tr>
<tr>
<td>Was the maximum lift thickness above tailings less than 4 feet thick?</td>
<td></td>
</tr>
<tr>
<td>Was the maximum lift thickness of subsequent lifts less than 2 feet thick?</td>
<td></td>
</tr>
<tr>
<td>Has 4 foot of tailings sands been maintained under each disposal area?</td>
<td>No</td>
</tr>
<tr>
<td>Refer to drawings used to confirm Cell 3 3 Cont. Drawings</td>
<td></td>
</tr>
<tr>
<td>Is the bottom of each disposal area at least 12 feet from the sides or dikes of the tailings cell?</td>
<td>Yes</td>
</tr>
<tr>
<td>Refer to drawings used to confirm. Cell 3 Cont. Drawings</td>
<td></td>
</tr>
<tr>
<td>Will the elevation of the material exceed the plane or grade of the elevation of the uppermost flexible membrane liner of the cell?</td>
<td>No</td>
</tr>
<tr>
<td>How was this confirmed (e.g., survey or review)</td>
<td>Survey</td>
</tr>
</tbody>
</table>

How was the area compacted? Was each lift compacted by heavy equipment (such as a Cat D-6) at least 4 times prior to placement of subsequent lifts?

Area was compacted with a dozer at least 8 times per lift.

Were void spaces filled with tailings?

Area was covered with sands then soil and compacted.

Was the shipment properly covered?

Yes, see above.

Are additional settlement monitors required to be placed for this generator?

NA

If required, where were settlement markers were placed?

NA
Radiological receipt survey measurements:

Breathing Zone:

1. Was a Breathing Zone Sample collected? Yes or No
   - Yes

2. If yes, what were the results of the sampling?

   NA

Was a photograph taken during the unloading activities? Yes or No

   Yes
GREENFIELD LOGISTICS

<table>
<thead>
<tr>
<th>No. of units &amp; container type</th>
<th>HM</th>
<th>Basic Description</th>
<th>Total Quantity</th>
<th>Weight (Subject to Correction)</th>
<th>RATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Roll off</td>
<td>XX</td>
<td>RQ, UN2912, RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), CLASS 7</td>
<td>$\frac{13}{6}$</td>
<td>1.48E+10</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>RADIONUCLIDE: RESIDUAL NATURAL URANIUM &amp; ASSOCIATED DAUGHTER PRODUCTS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>PHYSICAL FORM: SOLID</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>CHEMICAL FORM: NATURAL URANIUM OXIDE UO2-2H2O</td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

PLACARDS: RADIOACTIVE 7

EXCLUSIVE USE SHIPMENT: THIS VEHICLE IS ASSIGNED FOR EXCLUSIVE USE OF CAMECO RESOURCES, INC. UNDER PROVISIONS OF 49 CFR 173.427 INCLUDING EXEMPTING FROM MARKING AND LABELING REQUIREMENTS

DO NOT LOAD OTHER FREIGHT IN THIS VEHICLE, TRANSFER EN ROUTE

PLACARDS TENDERED YES: X NO □

REMIT COD TO ADDRESS

COD: $□ □ □
COD Fee PREPAID $□ □ □
COD: FEES COLLECTED $□ □ □
TOTAL CHARGES $□ □ □
FREIGHT CHARGES $□ □ □

SHIPEPER CAMECO RESOURCES, INC.

CARRIER: GREENFIELD LOGISTICS

Rev 1 September 10, 2012
Page 1 of 1
J 14) Radiation Protection Program/SRH-RPP-01 (Volume IV-Health Physics)/SRH-RPP-01 (Forms)/SRH-RPP-01 071 RQ Bill of Lading-By-Product
Generator of Byproduct material  | Smith Ranch

Controled Elevation used (Cell 3) | 5612 27

<table>
<thead>
<tr>
<th>Area</th>
<th>Elevation</th>
<th>Transit Shot</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial shot for trench</td>
<td></td>
<td>5 76</td>
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<td>Top of trench</td>
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<tr>
<td>Initial shot used for material</td>
<td></td>
<td>5 76</td>
</tr>
<tr>
<td>Top of material in trench</td>
<td>5606 01</td>
<td>12 02</td>
</tr>
<tr>
<td>Top of cell 3 Liner</td>
<td>5608 5</td>
<td></td>
</tr>
<tr>
<td>Feet below liner</td>
<td>2 49</td>
<td></td>
</tr>
</tbody>
</table>
ATTACHMENT 2
11e.(2) BYPRODUCT MATERIAL DISPOSAL DOCUMENTATION FORM

Date: 11/10/13

Name of employee receiving the load: Cassie Palmer

Generator of the Byproduct Material: Smith Ranch

Was the State of Utah given notice to the receipt/disposal activities associated with this load? Yes or No

Who gave and when was the notification given?

David Turk, 11/4/13

Description of byproduct material disposal area/activities:

See photos and plates

Has each drum been inspected to identify the presence of any void spaces? NA

Have all drums with void spaces been filled with tailings sands or soil? NA

Which tailings cell was the material placed in? Cell 3

Was the material placed on a tailings beach area of the cell or on an area of the cell that was underlain by tailings sands?

Material was placed in a trench that was dug down to the sands

Was the material segregated from any Mill material or equipment disposed of in the cell?

Yes

Was the material segregated from byproduct material from other ISL sources disposed of in the cell?

Yes
Have the thickness and placement measurements been verified and documented for the disposal area by the engineer, specifically.

<table>
<thead>
<tr>
<th>Question</th>
<th>Yes/No</th>
<th>Engineer's or RSO's Initials</th>
</tr>
</thead>
<tbody>
<tr>
<td>Was the material placed in a cell approved by the executive Secretary for ISL waste disposal?</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Documentation of approval</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Was the ISL material segregated from disposed Mill material and other ISL material?</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Refer to plat(s) used to confirm.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Was the maximum lift thickness above tailings less than 4 feet thick?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Was the maximum lift thickness of subsequent lifts less than 2 feet thick?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Has 4 foot of tailings sands been maintained under each disposal area?</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Refer to drawings used to confirm.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Is the bottom of each disposal area at least 12 feet from the sides or dikes of the tailings cell?</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Refer to drawings used to confirm.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Will the elevation of the material exceed the plane or grade of the elevation of the uppermost flexible membrane liner of the cell?</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>How was this confirmed (e.g., survey or review)</td>
<td>Survey</td>
<td></td>
</tr>
<tr>
<td>How was the area compacted? Was each lift compacted by heavy equipment (such as a Cat D-6) at least 4 times prior to placement of subsequent lifts?</td>
<td>Area was compacted with a loader at least 8 times per lift.</td>
<td></td>
</tr>
<tr>
<td>Were void spaces filled with tailings?</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Was the shipment properly covered?</td>
<td>Yes, see above.</td>
<td></td>
</tr>
<tr>
<td>Are additional settlement monitors required to be placed for this generator?</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>If required, where were settlement markers were placed?</td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>
Radiological receipt survey measurements.

\[18 \text{ mR/hr}\]

Breathing Zone:

1. Was a Breathing Zone Sample collected? Yes or No
   
   No

2. If yes, what were the results of the sampling?

   NA

Was a photograph taken during the unloading activities? Yes or No

   No
on Collect on Delivery shipments, the letters COD must appear before consignee's name or as otherwise provided in Item 430, Sec. 1

To Consignee: Denson Mines Corporation

City: Blanding, UT Zip Code: 84511

From Shipper: CAMECO RESOURCES, INC.

City: DOUGLAS State: WY Zip Code: 82633

Route: 6425 South HWY 191

 Cod: 071 RQ Bill of Lading-By-Product

<table>
<thead>
<tr>
<th>No. of Units &amp; Container Type</th>
<th>HM</th>
<th>Basic Description</th>
<th>Total Quantity</th>
<th>Weight</th>
<th>Rate</th>
<th>Charges</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Roll off</td>
<td>XX</td>
<td>RQ, UN2912, RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), CLASS 7</td>
<td>13.8 g</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

PHYSICAL FORM. SOLID

CHEMICAL FORM. NATURAL URANIUM OXIDE, UO2.2H2O

TOTAL ACTIVITY: 1.4 E 10 Bq

TRANSPORT INDEX: N/A AS PER 49CFR172 203(d)(5)

EXCLUSIVE USE SHIPMENT: THIS VEHICLE IS ASSIGNED FOR EXCLUSIVE USE OF CAMECO RESOURCES, INC. UNDER PROVISIONS OF 49 CFR 173 427 INCLUDING EXEMPTING FROM MARKING AND LABELING REQUIREMENTS

DO NOT LOAD OTHER FREIGHT IN THIS VEHICLE, TRANSFER EN ROUTE

Revised September 10, 2012
Page 1 of 1

J/4 Radiation Protection Program SRH-RPP-01 (Volume IV-Health Physics) SRH-RPP-01 (Forms) SRH-RPP-01 071 RQ Bill of Lading-By-Product
January 4, 2013

VIA Electronic Mail (PDF) and UPS

Mr. Rusty Lundberg
Division Director of Radiation Control
State of Utah Department of Environmental Quality
195 North 1950 West
PO Box 144830
Salt Lake City, UT 84114-4820

Dear Mr. Lundberg,

Re: 11e (2) Byproduct Receipt Notification

Pursuant to Radioactive Materials License (RML) UT1900479 condition 10.5 F, Energy Fuels Resources (USA) Inc. is hereby notifying the Division of Radiation Control that the White Mesa Uranium Mill will be receiving and disposing of eight loads of 11e (2) byproduct materials on January 14, 2013.

If there are any questions regarding these shipments or the scheduling of the disposal activities, feel free to contact me at the White Mesa Mill at 435-678-4113.

Regards,

David Turk
Manager Environmental Health & Safety
Energy Fuels Resources (USA) Inc

cc Denver Central Files
January 21, 2013

VIA Electronic Mail (PDF) and UPS

Mr. Rusty Lundberg
Division Director of Radiation Control
State of Utah Department of Environmental Quality
195 North 1950 West
PO Box 144830
Salt Lake City, UT 84114-4820

Dear Mr. Lundberg,

Re: 11e (2) Byproduct Receipt Notification

Pursuant to Radioactive Materials License (RML) UT1900479 condition 10 5 F, Energy Fuels Resources (USA) Inc is hereby notifying the Division of Radiation Control that the White Mesa Uranium Mill will be receiving and disposing of two loads of 11e (2) byproduct materials on January 29, 2013.

If there are any questions regarding these shipments or the scheduling of the disposal activities feel free to contact me at the White Mesa Mill at 435.678 4113

Regards,

David Turk
Manager Environmental Health & Safety
Energy Fuels Resources (USA) Inc

cc Denver Central Files
ATTACHMENT 2
11e.(2) BYPRODUCT MATERIAL DISPOSAL DOCUMENTATION FORM

Date: 1/21/15

Name of employee receiving the load: Garcia Palmer

Generator of the Byproduct Material: Eva Garcia

Was the State of Utah given notice to the receipt/disposal activities associated with this load? Yes or No

Who gave and when was the notification given?

David Turk, 1/4/13

Description of byproduct material disposal area/activities:

See photos and platte

Has each drum been inspected to identify the presence of any void spaces? Yes

Have all drums with void spaces been filled with tailings sands or soil? Yes

Which tailings cell was the material placed in? Cell 3

Was the material placed on a tailings beach area of the cell or on an area of the cell that was underlain by tailings sands?

Material was placed in a trench that was dug to the sands.

Was the material segregated from any Mill material or equipment disposed of in the cell? Yes

Was the material segregated from byproduct material from other ISL sources disposed of in the cell? Yes
Have the thickness and placement measurements been verified and documented for the disposal area by the engineer, specifically.

<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Was the material placed in a cell approved by the executive Secretary for ISL waste disposal?</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Documentation of approval</td>
<td>License &amp; UT 1960479 Amm 5</td>
<td></td>
</tr>
<tr>
<td>Was the ISL material segregated from disposed Mill material and other ISL material?</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Refer to plat(s) used to confirm.</td>
<td>Cell 3 11e.2 Disposal Area</td>
<td></td>
</tr>
<tr>
<td>Was the maximum lift thickness above tailings less than 4 feet thick?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Was the maximum lift thickness of subsequent lifts less than 2 feet thick?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Has 4 foot of tailings sands been maintained under each disposal area?</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Refer to drawings used to confirm.</td>
<td>Cell 3 Carbon Drawings</td>
<td></td>
</tr>
<tr>
<td>Is the bottom of each disposal area at least 12 feet from the sides or dikes of the tailings cell?</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Refer to drawings used to confirm.</td>
<td>Cell 3 Carbon Drawings</td>
<td></td>
</tr>
<tr>
<td>Will the elevation of the material exceed the plane or grade of the elevation of the uppermost flexible membrane liner of the cell?</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>How was this confirmed (e.g., survey or review)</td>
<td>Survey</td>
<td></td>
</tr>
</tbody>
</table>

How was the area compacted? Was each lift compacted by heavy equipment (such as a Cat D-6) at least 4 times prior to placement of subsequent lifts?

Area was compacted with a loader at least 8 times per lift. Dozers were damaged during un-loading as drums were crushed.

Were void spaces filled with tailings?

Yes, material was covered with sand and soil then compacted.

Was the shipment properly covered?

Yes, see above.

Are additional settlement monitors required to be placed for this generator?

NA

If required, where were settlement markers were placed?

NA
Radiological receipt survey measurements:

PEP-O 0.10 MP/HR

Breathing Zone:

1. Was a Breathing Zone Sample collected? Yes or No
2. If yes, what were the results of the sampling?

---

Was a photograph taken during the unloading activities? Yes or No
<table>
<thead>
<tr>
<th>South Texas Mining Venture</th>
<th>STRAIGHT BILL OF LADING FOR BYPRODUCT MATERIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Radioactive Material License Number:</td>
<td>Shipment No.: LP 14</td>
</tr>
<tr>
<td>R06062</td>
<td>Date 1-17-13</td>
</tr>
</tbody>
</table>

Name of Carrier: Cosby Trucking

Shipper: South Texas Mining Venture, LLP
Street: 500 N. Shoreline BLVD #800 N
City: Corpus Christi
State: Texas
Zip: 78417
Country: USA
Phone: (361) 888-8235
Alternate Phone:

Consignee: Denison Mines
Street: HWY 191
City: Blanding
State: Utah
Zip: 84511
Country: USA
Phone: 435-678-2221
Alternate Phone: 435-678-2222

CONTENTS
EXCLUSIVE USE SHIPMENT
These materials contain Radium-226 and other radioactive substances

Radioactive Material, Low Specific Activity (LSA-1)
Hazard Class 7
United Nations Identification Number UN 2912
Weight: Net 45000 Gross 79500

Activity
Estimated average Radium-226 activity 0.002 Curies

Emergency Contact - 24 Hours
STMV Office: 361-888-8235
STMV RSO: Kevin Dzik 830-583-4222
STMV VP EHS: Curt Sealy 970-640-6590

SHIPPER'S CERTIFICATION
This is to certify that the above materials are properly classified, described, packaged, marked, placarded and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. This vehicle is considered a package in compliance with 40 CFR 173.427(c)

Shipper's signature: Jim Sutherland
Date: 1-17-13

Carrier's Certification
Carrier acknowledges the receipt of packages and required placards. Carrier certifies emergency response information was made available and has the appropriate emergency response document in the vehicle.

Consignee's Receipt of Shipment
Consignee's signature: Jim Sutherland
Date: 1-17-13

Signature: Jim Sutherland
Date: 1/21/13
Generator of Byproduct material  UEC La Palangana

Controled Elevation used (Cell 3)  5613 04

<table>
<thead>
<tr>
<th>Area</th>
<th>Elevation</th>
<th>Transit Shot</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial shot for trench</td>
<td></td>
<td>14</td>
</tr>
<tr>
<td>Top of trench</td>
<td>5607 44</td>
<td>7</td>
</tr>
<tr>
<td>Bottom of trench</td>
<td>5601 44</td>
<td>13</td>
</tr>
<tr>
<td>Initial shot used for material</td>
<td></td>
<td>14</td>
</tr>
<tr>
<td>Top of material in trench</td>
<td>5605 04</td>
<td>94</td>
</tr>
<tr>
<td>Top of cell 3 Liner</td>
<td>5608 5</td>
<td></td>
</tr>
<tr>
<td>Feet below liner</td>
<td></td>
<td>3 46</td>
</tr>
</tbody>
</table>
ATTACHMENT 2

11e.(2) BYPRODUCT MATERIAL DISPOSAL DOCUMENTATION FORM

Date: 1/16/15

Name of employee receiving the load: Garcia Palmer

Generator of the Byproduct Material: Smith Rauch

Was the State of Utah given notice to the receipt/disposal activities associated with this load? Yes or No

Who gave and when was the notification given?

David Turk, 1/4/15

Description of byproduct material disposal area/activities:

See photos and platte

Has each drum been inspected to identify the presence of any void spaces? NA

Have all drums with void spaces been filled with tailings sands or soil? NA

Which tailings cell was the material placed in? Cell 3

Was the material placed on a tailings beach area of the cell or on an area of the cell that was underlain by tailings sands?

Material was placed in a trench that was down to the sands.

Was the material segregated from any Mill material or equipment disposed of in the cell?

Yes

Was the material segregated from byproduct material from other ISL sources disposed of in the cell?

Yes
Have the thickness and placement measurements been verified and documented for the disposal area by the engineer, specifically:

<table>
<thead>
<tr>
<th>Question</th>
<th>Engineer’s or RSO’s Initials</th>
</tr>
</thead>
<tbody>
<tr>
<td>Was the material placed in a cell approved by the executive Secretary for ISL waste disposal?</td>
<td>Yes</td>
</tr>
<tr>
<td>Documentation of approval</td>
<td></td>
</tr>
<tr>
<td>Was the ISL material segregated from disposed Mill material and other ISL material?</td>
<td>Yes</td>
</tr>
<tr>
<td>Refer to plat(s) used to confirm.</td>
<td></td>
</tr>
<tr>
<td>Was the maximum lift thickness above tailings less than 4 feet thick?</td>
<td></td>
</tr>
<tr>
<td>Was the maximum lift thickness of subsequent lifts less than 2 feet thick?</td>
<td></td>
</tr>
<tr>
<td>Has 4 foot of tailings sands been maintained under each disposal area?</td>
<td>Yes</td>
</tr>
<tr>
<td>Refer to drawings used to confirm</td>
<td></td>
</tr>
<tr>
<td>Is the bottom of each disposal area at least 12 feet from the sides or dikes of the tailings cell?</td>
<td>Yes</td>
</tr>
<tr>
<td>Refer to drawings used to confirm</td>
<td></td>
</tr>
<tr>
<td>Will the elevation of the material exceed the plane or grade of the elevation of the uppermost flexible membrane liner of the cell?</td>
<td>No</td>
</tr>
<tr>
<td>How was this confirmed (e.g., survey or review)</td>
<td>Survey</td>
</tr>
</tbody>
</table>

How was the area compacted? Was each lift compacted by heavy equipment (such as a Cat D-6) at least 4 times prior to placement of subsequent lifts?

**Area was compacted with a loader at least 8 times per lift.**

Were void spaces filled with tailings?

**Yes, material was covered with sands then soil and compacted.**

Was the shipment properly covered?

**Yes, see above.**

Are additional settlement monitors required to be placed for this generator?

**NA.**

If required, where were settlement markers were placed?

**NA.**
Radiological receipt survey measurements.

21 Mr/hr  PID - 0

Breathing Zone:

1. Was a Breathing Zone Sample collected? Yes or No
   - No
2. If yes, what were the results of the sampling?

Was a photograph taken during the unloading activities? Yes or No
on Carriers in Delivery shipments the letters COD must appear before consignee's name as otherwise provided in Item 430 Sec 1

To Consignee: Denison Mines Corporation

Street: 6425 South HWY 191

City: Blanding State: UT Zip Code: 84511

Route

No of units & container type HM Basic Description Total Quantity Weight (Subject to Correction) RATE Charges

1 Roll off XX RQ12, RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), CLASS 7

PLACARDS RADIOACTIVE 7

REMIT COD TO ADDRESS

Note(1) Where the rate is dependent on value shipments are required to state specifically on writing the agreed or declared value of the property as follows. The agreed or declared value of the property is hereby specifically stated by the shipper to be $1,486.00

(2) Where the applicable tariff provisions specify a limitation of the carrier's liability a release or a value declaration by the shipper and the shipper does not release the carrier's liability shall be limited to the extent provided by such provisions. See NMFC, Item 172

(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360

SHIPLER: CAMECO RESOURCES, INC

CARRIER: GREENFIELD LOGISTICS

Rev 1 September 10, 2012
Generator of Byproduct material: Smith Ranch

Controlled Elevation used (Cell 3): 5612 27

<table>
<thead>
<tr>
<th>Area</th>
<th>Elevation</th>
<th>Transit Shot</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial shot for trench</td>
<td>5 76</td>
<td></td>
</tr>
<tr>
<td>Top of trench</td>
<td>5607 77</td>
<td>10 26</td>
</tr>
<tr>
<td>Bottom of trench</td>
<td>5601 83</td>
<td>16 2</td>
</tr>
</tbody>
</table>

| Initial shot used for material | 5 76     |
| Top of material in trench      | 5606 01  | 12 02        |

| Top of cell 3 Liner           | 5608 5   |
| Feet below liner              | 2 49     |
ATTACHMENT 2

11e.(2) BYPRODUCT MATERIAL DISPOSAL DOCUMENTATION FORM

Date: 1/18/13

Name of employee receiving the load: Garcia Palmer

Generator of the Byproduct Material: Smith Palmer

Was the State of Utah given notice to the receipt/disposal activities associated with this load? Yes or No

Who gave and when was the notification given?

David Turk, 1/4/13

Description of byproduct material disposal area/activities:

See photos and platte

Has each drum been inspected to identify the presence of any void spaces? NA

Have all drums with void spaces been filled with tailings sands or soil? NA

Which tailings cell was the material placed in? Cell 3

Was the material placed on a tailings beach area of the cell or on an area of the cell that was underlain by tailings sands?

Material was placed in a trench that was dug to the sands

Was the material segregated from any Mill material or equipment disposed of in the cell? Yes

Was the material segregated from byproduct material from other ISL sources disposed of in the cell? Yes
Have the thickness and placement measurements been verified and documented for the disposal area by the engineer, specifically.

<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Was the material placed in a cell approved by the executive Secretary for ISL waste disposal?</td>
<td>Yes</td>
</tr>
<tr>
<td>Documentation of approval</td>
<td>License # MT1900474 Amm5</td>
</tr>
<tr>
<td>Was the ISL material segregated from disposed Mill material and other ISL material?</td>
<td>Yes</td>
</tr>
<tr>
<td>Refer to plat(s) used to confirm.</td>
<td>Cell 3 Site 1, 2, Disposal Area</td>
</tr>
<tr>
<td>Was the maximum lift thickness above tailings less than 4 feet thick?</td>
<td></td>
</tr>
<tr>
<td>Was the maximum lift thickness of subsequent lifts less than 2 feet thick?</td>
<td></td>
</tr>
<tr>
<td>Has 4 foot of tailings sands been maintained under each disposal area?</td>
<td>Yes</td>
</tr>
<tr>
<td>Refer to drawings used to confirm</td>
<td>Cell 3 Const. Drawings</td>
</tr>
<tr>
<td>Is the bottom of each disposal area at least 12 feet from the sides or dikes of the tailings cell?</td>
<td>Yes</td>
</tr>
<tr>
<td>Refer to drawings used to confirm</td>
<td>Cell 3 Const. Drawings</td>
</tr>
<tr>
<td>Will the elevation of the material exceed the plane or grade of the elevation of the uppermost flexible membrane liner of the cell?</td>
<td>No</td>
</tr>
<tr>
<td>How was this confirmed (e.g., survey or review)</td>
<td>Survey</td>
</tr>
</tbody>
</table>

How was the area compacted? Was each lift compacted by heavy equipment (such as a Cat D-6) at least 4 times prior to placement of subsequent lifts?

Area was compacted with a loader at least 8 times per lift.

Were void spaces filled with tailings?

Yes, material was covered with sands then soil and compacted.

Was the shipment properly covered?

Yes, see above.

Are additional settlement monitors required to be placed for this generator?

NA

If required, where were settlement markers were placed?

NA
Radiological receipt survey measurements:

**PDU-0** 23 MB/HR

Breathing Zone:

1. Was a Breathing Zone Sample collected? Yes or No
2. If yes, what were the results of the sampling?

Was a photograph taken during the unloading activities? Yes or No
## Straight Bill of Lading

**STRIGHT BILL OF LADING**

**ORIGIONAL—NOT NEGOTIABLE**

**GREENFIELD LOGISTICS**

**(Name of Carrier)**

**CARRIER: GREENFIELD LOGISTICS**

**(SCAC)**

**Date**

---

**To** Consignee: Denison Mines Corporation  
Street: 6425 South HWY 191  
City: Blanding, State: UT, Zip Code: 84511

**From** Shipper: CAMECO RESOURCES, INC  
Street: 762 ROSS ROAD  
City: DOUGLAS, State: WY, Zip Code: 82633

**Route**

---

**No of units & container type** | **HM** | **Basic Description** | **Total Quantity** | **Weight** | **RATE** | **Charges**  
--- | --- | --- | --- | --- | --- | ---
1 Roll off | XX | RQ,UN2912, RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), CLASS 7 | 1.3y³ | | |  
| | RADIONUCLIDE RESIDUAL NATURAL URANIUM & ASSOCIATED DAUGHTER PRODUCTS | | | |  
| | PHYSICAL FORM SOLID | | | |  
| | CHEMICAL FORM: NATURAL URANIUM OXIDE UO₂·2H₂O | | | |  
| | TOTAL ACTIVITY 1.48E⁻¹⁸Bq | | | |  
| | TRANSPORT INDEX N/A AS PER 49CFR 172.203(d)(5) | | | |  
| | PLACARDS RADIOACTIVE? | | | |  
| | EXCLUSIVE USE SHIPMENT THIS VEHICLE IS ASSIGNED FOR EXCLUSIVE USE OF CAMECO RESOURCES, INC UNDER PROVISIONS OF 49 CFR 173.427 INCLUDING EXEMPTING FROM MARKING AND LABELING REQUIREMENTS | | | |  
| | DO NOT LOAD OTHER FREIGHT IN THIS VEHICLE, TRANSFER EN ROUTE | | | | 

**Placards Tendered**

Yes ☑️ | No ☐

---

**Remit C.O.D. To Address**

**COD Amt**

**C.O.D. Fee**

**TOTAL CHARGES**  

---

**SHIPLER**

**CAMECO RESOURCES, INC**

**PER**

**DATE**

---

**Rev 1 September 10, 2012**

---

**J W) Radiation Protection Program:SRH-RPP-01 (Volume IV-Health Physics)/SRH-RPP-01 (Forms)/SRH-RPP-01 071 RQ Bill of Lading-By-Product**
Generator of Byproduct material  Smith Ranch

Controlled Elevation used (Cell 3)  5612 27

<table>
<thead>
<tr>
<th>Area</th>
<th>Elevation</th>
<th>Transit Shot</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial shot for trench</td>
<td>5 76</td>
<td></td>
</tr>
<tr>
<td>Top of trench</td>
<td>5607 77</td>
<td>10 26</td>
</tr>
<tr>
<td>Bottom of trench</td>
<td>5601 83</td>
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<tr>
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<td>5 76</td>
<td></td>
</tr>
<tr>
<td>Top of material in trench</td>
<td>5606 01</td>
<td>12 02</td>
</tr>
</tbody>
</table>

Top of cell 3 Liner  5608 5
Feet below liner  2 49
**ATTACHMENT 2**

**11e.(2) BYPRODUCT MATERIAL DISPOSAL DOCUMENTATION FORM**

Date: **1/22/13**

Name of employee receiving the load: **Garvin Palmer**

Generator of the Byproduct Material: **Smith Ranch**

Was the State of Utah given notice to the receipt/disposal activities associated with this load? **Yes** or No

Who gave and when was the notification given?

**David Turk, 1/4/13**

Description of byproduct material disposal area/activities:

See photos and platte

Has each drum been inspected to identify the presence of any void spaces? **NA**

Have all drums with void spaces been filled with tailings sands or soil? **NA**

Which tailings cell was the material placed in? **Cell 3**

Was the material placed on a tailings beach area of the cell or on an area of the cell that was underlain by tailings sands?

Area was placed in a trench that was dug down to the sand.

Was the material segregated from any Mill material or equipment disposed of in the cell? **Yes**

Was the material segregated from byproduct material from other ISL sources disposed of in the cell? **Yes**
Have the thickness and placement measurements been verified and documented for the disposal area by the engineer, specifically:

<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
<th>Engineer’s or RSO’s Initials</th>
</tr>
</thead>
<tbody>
<tr>
<td>Was the material placed in a cell approved by the executive Secretary for ISL waste disposal?</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Documentation of approval</td>
<td>License # UT190979</td>
<td>Ann J</td>
</tr>
<tr>
<td>Was the ISL material segregated from disposed Mill material and other ISL material?</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Refer to plat(s) used to confirm.</td>
<td>Cell 3 1162 Disposal Area</td>
<td></td>
</tr>
<tr>
<td>Was the maximum lift thickness above tailings less than 4 feet thick?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Was the maximum lift thickness of subsequent lifts less than 2 feet thick?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Has 4 foot of tailings sands been maintained under each disposal area?</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Refer to drawings used to confirm.</td>
<td>Cell 3 Const. Drawings</td>
<td></td>
</tr>
<tr>
<td>Is the bottom of each disposal area at least 12 feet from the sides or dikes of the tailings cell?</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Refer to drawings used to confirm.</td>
<td>Cell 3 Const. Drawings</td>
<td></td>
</tr>
<tr>
<td>Will the elevation of the material exceed the plane or grade of the elevation of the uppermost flexible membrane liner of the cell?</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>How was this confirmed (e.g., survey or review)?</td>
<td>Survey</td>
<td></td>
</tr>
</tbody>
</table>

How was the area compacted? Was each lift compacted by heavy equipment (such as a Cat D-6) at least 4 times prior to placement of subsequent lifts? Area was compacted with a loader at least 8 times per lift.

Were void spaces filled with tailings? Yes, material was covered with sand and compacted.

Was the shipment properly covered? Yes, see above.

Are additional settlement monitors required to be placed for this generator? N/A

If required, where were settlement markers were placed? N/A
Radiological receipt survey measurements:

\[ \text{PID - O} \leq 0.0 \ \text{mSv/H} \]

Breathing Zone:

1. Was a Breathing Zone Sample collected? Yes or No

2. If yes, what were the results of the sampling?

Was a photograph taken during the unloading activities? Yes or No
STRIGHT BILL OF LADING
ORIGINAL--NOT NEGOTIABLE

GREENFIELD LOGISTICS

CARRIER: GREENFIELD LOGISTICS

From Shipper CAMECO RESOURCES, INC
To Consignee Denison Mines Corporation

<table>
<thead>
<tr>
<th>No. of units &amp; container type</th>
<th>HM</th>
<th>Basic Description</th>
<th>Total Quantity</th>
<th>Weight</th>
<th>Rate</th>
<th>Charges</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Roll off</td>
<td>XX</td>
<td>RQ, UN2912, RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), CLASS 7</td>
<td>/372³</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>RADIONUCLIDE RESIDUAL NATURAL URANIUM &amp; ASSOCIATED DAUGHTER PRODUCTS</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>PHYSICAL FORM SOLID</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>CHEMICAL FORM NATURAL URANIUM OXIDE UO₂₂H₂O</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

TOTAL ACTIVITY: 1,482.5 lbs
TRANSPORT INDEX: N/A AS PER 49CFR 203(d)(5)

PLACARDS RADIOACTIVE 7
EXCLUSIVE USE SHIPMENT: THIS VEHICLE IS ASSIGNED FOR EXCLUSIVE USE OF CAMECO RESOURCES, INC UNDER PROVISIONS OF 49CFR 173.427 INCLUDING EXEMPTING FROM MARKING AND LABELING REQUIREMENTS

DO NOT LOAD OTHER FREIGHT IN THIS VEHICLE, TRANSFER EN ROUTE

PLACARDS TENDERED YES, X NO

REMIT COD TO ADDRESS

COD Amt: $ 0.00
COD Fee: $ 0.00
TOTAL CHARGES: $ 0.00
FREIGHT CHARGES: $ 0.00

SHIPPER: CAMECO RESOURCES, INC
CARRIER: GREENFIELD LOGISTICS

Rev 1 September 10, 2012
Page 1 of 1
J\4 Radiation Protection Program\SRH-RPP-01 (Volume IV-Health Phys.)\SRx'-RPP-01 (Toms)\SRH-RPP-01 071 RQ Bill of Lading-By-Per

Vehicle Number: 1118-11/GFL00191

DATE: 1/21/13

Receive: CAMECO RESOURCES, INC
Date: 1/22/13
**Generator of Byproduct material**  Smith Ranch

**Controled Elevation used (Cell 3)**  5612 27

<table>
<thead>
<tr>
<th>Area</th>
<th>Elevation</th>
<th>Transit Shot</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial shot for trench</td>
<td></td>
<td>5 76</td>
</tr>
<tr>
<td>Top of trench</td>
<td>5607 77</td>
<td>10 26</td>
</tr>
<tr>
<td>Bottom of trench</td>
<td>5601 83</td>
<td>16 2</td>
</tr>
<tr>
<td>Initial shot used for material</td>
<td></td>
<td>5 76</td>
</tr>
<tr>
<td>Top of material in trench</td>
<td>5606 01</td>
<td>12 02</td>
</tr>
<tr>
<td>Top of cell 3 Liner</td>
<td>5608 5</td>
<td></td>
</tr>
<tr>
<td>Feet below liner</td>
<td></td>
<td>2 49</td>
</tr>
</tbody>
</table>
ATTACHMENT 2

11e.(2) BYPRODUCT MATERIAL DISPOSAL DOCUMENTATION FORM

Date: 11/16/13

Name of employee receiving the load: Garcia Palmer

Generator of the Byproduct Material: Smith Ranch

Was the State of Utah given notice to the receipt/disposal activities associated with this load? Yes or No

Who gave and when was the notification given?

David Turk, 11/4/13

Description of byproduct material disposal area/activities:

See photos and platte

Has each drum been inspected to identify the presence of any void spaces? NA

Have all drums with void spaces been filled with tailings sands or soil? NA

Which tailings cell was the material placed in? Cell 3

Was the material placed on a tailings beach area of the cell or on an area of the cell that was underlain by tailings sands?

Material was placed in a trench that was to the sands.

Was the material segregated from any Mill material or equipment disposed of in the cell?

Yes

Was the material segregated from byproduct material from other ISL sources disposed of in the cell?

Yes
Have the thickness and placement measurements been verified and documented for the disposal area by the engineer, specifically.

<table>
<thead>
<tr>
<th>Question</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>Was the material placed in a cell approved by the executive Secretary for ISL waste disposal?</td>
<td>Yes</td>
</tr>
<tr>
<td>Documentation of approval</td>
<td></td>
</tr>
<tr>
<td>Was the ISL material segregated from disposed Mill material and other ISL material?</td>
<td>Yes</td>
</tr>
<tr>
<td>Refer to plat(s) used to confirm</td>
<td>Cell 3-11a.7 Disposal Area</td>
</tr>
<tr>
<td>Was the maximum lift thickness above tailings less than 4 feet thick?</td>
<td></td>
</tr>
<tr>
<td>Was the maximum lift thickness of subsequent lifts less than 2 feet thick?</td>
<td></td>
</tr>
<tr>
<td>Has 4 foot of tailings sands been maintained under each disposal area?</td>
<td>Yes</td>
</tr>
<tr>
<td>Refer to drawings used to confirm</td>
<td>Cell 3-Const. Drawings</td>
</tr>
<tr>
<td>Is the bottom of each disposal area at least 12 feet from the sides or dikes of the tailings cell?</td>
<td>Yes</td>
</tr>
<tr>
<td>Refer to drawings used to confirm</td>
<td>Cell 3-Const. Drawings</td>
</tr>
<tr>
<td>Will the elevation of the material exceed the plane or grade of the elevation of the uppermost flexible membrane liner of the cell?</td>
<td>No</td>
</tr>
<tr>
<td>How was this confirmed (e.g., survey or review)</td>
<td>Survey</td>
</tr>
</tbody>
</table>

How was the area compacted? Was each lift compacted by heavy equipment (such as a Cat D-6) at least 4 times prior to placement of subsequent lifts? 

- **Area was compacted with a loader at least 8 times per lift.**

Were void spaces filled with tailings?

- **Material was covered with sands then soil and compacted.**

Was the shipment properly covered?

- **Yes, see above.**

Are additional settlement monitors required to be placed for this generator?

- **NA**

If required, where were settlement markers were placed?

- **NA**
Radiological receipt survey measurements:

30 mR/hr  PID - 0

Breathing Zone:

1. Was a Breathing Zone Sample collected? Yes or No
   Yes

2. If yes, what were the results of the sampling?

Was a photograph taken during the unloading activities? Yes or No

Yes
### STRAIGHT BILL OF LADING

**ORIGINAL--NOT NEGOTIABLE**

**GREENFIELD LOGISTICS**

**SHIPPER CAMECO RESOURCES, INC.**

**CARRIER: GREENFIELD LOGISTICS**

**SHIPPED TO**

- **To Consignee:** Densen Mines Corporation
- **Street:** 6425 South HWY 191
- **City:** Douglas, State: WY, Zip Code: 82633

**CARRIED BY:**

- **Carrier No.**
- **Date:** 1/20/13

**ROUTE:***

- **From:** Shipper
- **To:** Consignee
- **Street:** 762 ROSS ROAD
- **City:** Douglas, State: WY, Zip Code: 82633

**NO. OF UNITS & CONTAINER TYPE**

<table>
<thead>
<tr>
<th>HM</th>
<th>Basic Description</th>
<th>Total Quantity</th>
<th>Weight</th>
<th>Rate</th>
<th>Charges</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Roll off</td>
<td>XX</td>
<td>RQ, UN2912, RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-8), CLASS 7</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>RADIONUCLIDE, RESIDUAL NATURAL URANIUM &amp; ASSOCIATED DAUGHTER PRODUCTS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
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<td></td>
<td></td>
<td>CHEMICAL FORM NATURAL URANIUM OXIDE UO₂₂H₂O</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>TOTAL ACTIVITY: 1.48 x 10⁻⁸⁸</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>TRANSPORT INDEX: N/A AS PER 49 CFR 172 203(d)(5)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>PLACARDS RADIOACTIVE 7</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>EXCLUSIVE USE SHIPMENT THIS VEHICLE IS ASSIGNED FOR EXCLUSIVE USE OF CAMECO RESOURCES, INC UNDER PROVISIONS OF 49 CFR 173 427 INCLUDING EXEMPTING FROM MARKING AND LABELING REQUIREMENTS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>DO NOT LOAD OTHER FREIGHT IN THIS VEHICLE, TRANSFER EN ROUTE</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**PLACARDS TENDERED:**

- **YES:** X
- **NO:**

**REMIT C.O.D. TO ADDRESS**

<table>
<thead>
<tr>
<th>COD Amt</th>
<th>C.O.D. FEES COLLECTED</th>
<th>TOTAL CHARGES</th>
<th>FREIGHT CHARGES</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SIGNATURES:**

- **Shipper:**
- **Carrier:**

**REV 1 September 10, 2012**

**Page 1 of 1**

J 4) Radiation Protection Program/SRH-RPP-01 (Volume IV-Health Physics)/SRH-RPP-01 (Forms)/SRH-RPP-01 071 RQ Bill of Lading-By-Product
Generator of Byproduct material: Smith Ranch

Controlled Elevation used (Cell 3): 5612 27

<table>
<thead>
<tr>
<th>Area</th>
<th>Elevation</th>
<th>Transit Shot</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial shot for trench</td>
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</tr>
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<td>Initial shot used for material</td>
<td></td>
<td>5 76</td>
</tr>
<tr>
<td>Top of material in trench</td>
<td>5606 01</td>
<td>12 02</td>
</tr>
<tr>
<td>Top of cell 3 Liner</td>
<td>5608 5</td>
<td></td>
</tr>
<tr>
<td>Feet below liner</td>
<td>2 49</td>
<td></td>
</tr>
</tbody>
</table>
ATTACHMENT 2
11e.(2) BYPRODUCT MATERIAL DISPOSAL DOCUMENTATION FORM

Date: 1/25/13

Name of employee receiving the load: Garcia Palmer

Generator of the Byproduct Material: Smith Ranch

Was the State of Utah given notice to the receipt/disposal activities associated with this load? Yes or No

Who gave and when was the notification given?

[Signature] David Turk, 1/24/13 to 1/26/13

Description of byproduct material disposal area/activities:

See photos and platte

Has each drum been inspected to identify the presence of any void spaces? NA

Have all drums with void spaces been filled with tailings sands or soil? NA

Which tailings cell was the material placed in? Cell 3

Was the material placed on a tailings beach area of the cell or on an area of the cell that was underlain by tailings sands?

Material was placed in a trench that was down to the sands.

Was the material segregated from any Mill material or equipment disposed of in the cell?

Yes

Was the material segregated from byproduct material from other ISL sources disposed of in the cell?

Yes
Have the thickness and placement measurements been verified and documented for the disposal area by the engineer, specifically.

<table>
<thead>
<tr>
<th>Question</th>
<th>Yes/No/NA</th>
<th>Engineer's or RSO's Initials</th>
</tr>
</thead>
<tbody>
<tr>
<td>Was the material placed in a cell approved by the executive Secretary for ISL waste disposal?</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Documentation of approval</td>
<td>License # UT 900479 Ams</td>
<td></td>
</tr>
<tr>
<td>Was the ISL material segregated from disposed Mill material and other ISL material?</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Refer to plat(s) used to confirm.</td>
<td>Cell 3 ISL Disposal Area</td>
<td></td>
</tr>
<tr>
<td>Was the maximum lift thickness above tailings less than 4 feet thick?</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Was the maximum lift thickness of subsequent lifts less than 2 feet thick?</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Has 4 foot of tailings sands been maintained under each disposal area?</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Refer to drawings used to confirm.</td>
<td>Cell 3 Cell Drawings</td>
<td></td>
</tr>
<tr>
<td>Is the bottom of each disposal area at least 12 feet from the sides or dikes of the tailings cell?</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Refer to drawings used to confirm.</td>
<td>Cell 3 Cell Drawings</td>
<td></td>
</tr>
<tr>
<td>Will the elevation of the material exceed the plane or grade of the elevation of the uppermost flexible membrane liner of the cell?</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>How was this confirmed (e.g., survey or review)</td>
<td>Survey</td>
<td></td>
</tr>
</tbody>
</table>

How was the area compacted? Was each lift compacted by heavy equipment (such as a Cat D-6) at least 4 times prior to placement of subsequent lifts?

Area was compacted with a loader at least 8 times per lift

Were void spaces filled with tailings?

Yes, material was covered with sands then soil and compacted

Was the shipment properly covered?

Yes, see above.

Are additional settlement monitors required to be placed for this generator?

NA

If required, where were settlement markers were placed?

NA
Radiological receipt survey measurements:

**P1D-0 0.70 Mv/HR**

---

Breathing Zone:

1. **Was a Breathing Zone Sample collected?** Yes or **No**
2. **If yes, what were the results of the sampling?**

   **NA**

---

**Was a photograph taken during the unloading activities?** Yes or **No**
STRAIGHT BILL OF LADING
ORIGINAL--NOT NEGOTIABLE

(Name of Carrier) Greenfield Logistics (SCAC)

From Shipper CAMECO RESOURCES, INC
Street 762 ROSS ROAD
City DOUGLAS State WY Zip Code 82633

To Consignee Denison Mines Corporation
Street 6425 South HWY 191
City Blanding State UT Zip Code 84511

Property that every transaction hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment on its route. Otherwise to deliver to another consignee on the route to said destination. It is mutually agreed as to each carrier of all or any portion of said property over all or any portion of said route in destination and to each party at any time interested in all or any said property that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of the shipment.

On Consignment shipments the letters COD must appear before consignee's name or as otherwise provided in item 490, Sec 1

This vehicle is assigned for exclusive use of Cameco Resources, Inc under provisions of 49 CFR 173 425 (B)

Do not load other freight in this vehicle, transfer en route.

PLACARDS TENDERED YES X NO □

On BEHALF OF SHIPPER

PER 1/23/13

Rev 0 June 14, 2012
Page 1 of 1

114) Radiation Protection Program/SRH-RPP-01 (Volume IV-Health Physics)/SRH-RPP-01 (Forms)/SRH-RPP-01 071 RQ Bill of Lading-By-Product
Generator of Byproduct material  
Smith Ranch

Controled Elevation used (Cell 3)  

<table>
<thead>
<tr>
<th>Area</th>
<th>Elevation</th>
<th>Transit Shot</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial shot for trench</td>
<td></td>
<td>4 58</td>
</tr>
<tr>
<td>Top of trench</td>
<td>5606 39</td>
<td>10 46</td>
</tr>
<tr>
<td>Bottom of trench</td>
<td>5600 97</td>
<td>15 88</td>
</tr>
<tr>
<td>Initial shot used for material</td>
<td></td>
<td>4 58</td>
</tr>
<tr>
<td>Top of material in trench</td>
<td>5604 85</td>
<td>12</td>
</tr>
<tr>
<td>Top of cell 3 Liner</td>
<td>5608 5</td>
<td></td>
</tr>
<tr>
<td>Feet below liner</td>
<td>3 65</td>
<td></td>
</tr>
</tbody>
</table>
ATTACHMENT 2

11e.(2) BYPRODUCT MATERIAL DISPOSAL DOCUMENTATION FORM

Date: 1/25/13

Name of employee receiving the load: Gerrin Palmer

Generator of the Byproduct Material: Smith Ranch

Was the State of Utah given notice to the receipt/disposal activities associated with this load? Yes

Who gave and when was the notification given?
David Turk, 1/21/13

Description of byproduct material disposal area/activities:
See photos and platte

Has each drum been inspected to identify the presence of any void spaces? N/A

Have all drums with void spaces been filled with tailings sands or soil? N/A

Which tailings cell was the material placed in? Cell 3

Was the material placed on a tailings beach area of the cell or on an area of the cell that was underlain by tailings sands?
Material was placed in a trench that was dug down to the sands.

Was the material segregated from any Mill material or equipment disposed of in the cell? N/A

Was the material segregated from byproduct material from other ISL sources disposed of in the cell? N/A
Have the thickness and placement measurements been verified and documented for the disposal area by the engineer, specifically.

<table>
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<th>Question</th>
<th>Response</th>
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</thead>
<tbody>
<tr>
<td>Was the material placed in a cell approved by the executive Secretary for ISL waste disposal?</td>
<td>Yes</td>
</tr>
<tr>
<td>Documentation of approval License # UT 1980479 Amm5</td>
<td></td>
</tr>
<tr>
<td>Was the ISL material segregated from disposed Mill material and other ISL material?</td>
<td>Yes</td>
</tr>
<tr>
<td>Refer to plat(s) used to confirm. Cell 3 No. 2 Disposal Area</td>
<td></td>
</tr>
<tr>
<td>Was the maximum lift thickness above tailings less than 4 feet thick?</td>
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<tr>
<td>Was the maximum lift thickness of subsequent lifts less than 2 feet thick?</td>
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<td>Has 4 foot of tailings sands been maintained under each disposal area?</td>
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<td>No</td>
</tr>
<tr>
<td>How was this confirmed (e.g., survey or review)</td>
<td>Review</td>
</tr>
</tbody>
</table>

How was the area compacted? Was each lift compacted by heavy equipment (such as a Cat D-6) at least 4 times prior to placement of subsequent lifts?

Area was compacted with a loader at least 8 times per lift.

Were void spaces filled with tailings?

Yes, material was covered with sands then soil and compacted.

Was the shipment properly covered?

Yes, see above.

Are additional settlement monitors required to be placed for this generator?

N/A

If required, where were settlement markers were placed?

N/A
Radiological receipt survey measurements:

- PID-0 4.0 mSv/HR

Breathing Zone:

1. Was a Breathing Zone Sample collected? Yes or No
   - Yes

2. If yes, what were the results of the sampling?
   - NA

Was a photograph taken during the unloading activities? Yes or No
**STRAIGHT BILL OF LADING**

ORIGIN—NOT NEGOTIABLE

**GREENFIELD LOGISTICS**

- **Name of Carrier:**
- **(SCAC):**
- **Date:**

**To:** Denison Mines Corporation

- **Street:** 6425 South HWY 191
- **City:** Blanding
- **State:** UT
- **Zip Code:** 84511

**From:** Cameco Resources, Inc.

- **Street:** 762 Ross Road
- **City:** Douglas
- **State:** WY
- **Zip Code:** 82633

**Route:**
- **Number:** Box 2025

<table>
<thead>
<tr>
<th>No of units &amp; container type</th>
<th>HM</th>
<th>Basic Description</th>
<th>Total Quantity</th>
<th>Weight</th>
<th>Rate</th>
<th>Charges</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Roll off XX</td>
<td>RQ, UN2912, RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-B), CLASS 7</td>
<td>RADIONUCLIDE RESIDUAL NATURAL URANIUM &amp; ASSOCIATED DAUGHTER PRODUCTS</td>
<td>247 lb</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Chemical form: NATURAL URANIUM OXIDE UO2·2H2O</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Physical form: SOLID</td>
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<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Transport index: N/A AS PER 49CFR172 203(d)(5)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>PLACARDS, RADIOACTIVE 7</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>EXCLUSIVE USE SHIPMENT</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>THIS VEHICLE IS ASSIGNED FOR EXCLUSIVE USE OF CAMECO RESOURCES, INC. UNDER PROVISIONS OF 49 CFR 173 427 INCLUDING EXEMPTING FROM MARKING AND LABELING REQUIREMENTS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>DO NOT LOAD OTHER FREIGHT IN THIS VEHICLE, TRANSFER EN ROUTE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**PLACARDS TENDERED:** YES - X NO  

**REMIT COD TO ADDRESS:**

- **COD Inc. $**
- **COD Fee Paid $**
- **Collect $**

**TOTAL CHARGES:**

**FREIGHT CHARGES:**

- Freight prepaid
- COD amount
- COD fee paid

**SHIPPER:** Cameco Resources, Inc.

- **PER:**
- **DATE:**

**CARRIER:** Greenfield Logistics

- **PER:**
- **DATE:**

**RECEIVED:**

- **Greenfield:**
  - **Date:** 1/25/13

**Rev 1 September 10, 2012**

Page 1 of 1

J 4) Radiation Protection Program: SRH-RPP-01 (Volume IV—Health Physics)"
<table>
<thead>
<tr>
<th>Area</th>
<th>Elevation</th>
<th>Transit Shot</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial shot for trench</td>
<td></td>
<td>4 58</td>
</tr>
<tr>
<td>Top of trench</td>
<td>5606 39</td>
<td>10 46</td>
</tr>
<tr>
<td>Bottom of trench</td>
<td>5600 97</td>
<td>15 88</td>
</tr>
<tr>
<td>Initial shot used for material</td>
<td></td>
<td>4 58</td>
</tr>
<tr>
<td>Top of material in trench</td>
<td>5604 85</td>
<td>12</td>
</tr>
<tr>
<td>Top of cell 3 Liner</td>
<td>5608 5</td>
<td></td>
</tr>
<tr>
<td>Feet below liner</td>
<td>3 65</td>
<td></td>
</tr>
</tbody>
</table>
February 1, 2013

VIA Electronic Mail (PDF) and UPS

Mr. Rusty Lundberg
Division Director of Radiation Control
State of Utah Department of Environmental Quality
195 North 1950 West
PO Box 144830
Salt Lake City, UT 84114-4820

Dear Mr. Lundberg,

Re: 11e (2) Byproduct Receipt Notification

Pursuant to Radioactive Materials License (RML) UT1900479 condition 10 5 F, Energy Fuels Resources (USA) Inc. is hereby notifying the Division of Radiation Control that the White Mesa Uranium Mill will be receiving and disposing of five loads of 11e (2) byproduct materials on February 11, 2013.

If there are any questions regarding these shipments or the scheduling of the disposal activities feel free to contact me at the White Mesa Mill at 435 678 4113.

Regards,

David Turk
Manager Environmental Health & Safety
Energy Fuels Resources (USA) Inc

cc Denver Central Files
**ATTACHMENT 2**

11e.(2) BYPRODUCT MATERIAL DISPOSAL DOCUMENTATION FORM

Date: 2-01-13

Name of employee receiving the load: Terry Blake

Generator of the Byproduct Material: Cameco - Crow Butte

Was the State of Utah given notice to the receipt/disposal activities associated with this load? Yes or No

Who gave and when was the notification given?

David Turk 2-1-13

Description of byproduct material disposal area/activities:

- Pumps - Felters - Pulp/pictures
- Drums - Paper Sacks

Has each drum been inspected to identify the presence of any void spaces? Yes

Have all drums with void spaces been filled with tailings sands or soil? Yes

Which tailings cell was the material placed in? Cell 3

Was the material placed on a tailings beach area of the cell or on an area of the cell that was underlain by tailings sands?

- Material was placed in a trench that was down to the sands.

Was the material segregated from any Mill material or equipment disposed of in the cell? Yes

Was the material segregated from byproduct material from other ISL sources disposed of in the cell? Yes
Have the thickness and placement measurements been verified and documented for the disposal area by the engineer, specifically.

<table>
<thead>
<tr>
<th>Question</th>
<th>Engineer's or RSO's Initials</th>
</tr>
</thead>
<tbody>
<tr>
<td>Was the material placed in a cell approved by the executive Secretary for ISL waste disposal?</td>
<td>Yes</td>
</tr>
<tr>
<td>Documentation of approval License UT1903474 Ammi</td>
<td></td>
</tr>
<tr>
<td>Was the ISL material segregated from disposed Mill material and other ISL material?</td>
<td>Yes</td>
</tr>
<tr>
<td>Refer to plat(s) used to confirm. Cell 3 11e 7 Disposal Area</td>
<td></td>
</tr>
<tr>
<td>Was the maximum lift thickness above tailings less than 4 feet thick?</td>
<td>B</td>
</tr>
<tr>
<td>Was the maximum lift thickness of subsequent lifts less than 2 feet thick?</td>
<td>B</td>
</tr>
<tr>
<td>Has 4 foot of tailings sands been maintained under each disposal area?</td>
<td>Yes</td>
</tr>
<tr>
<td>Refer to drawings used to confirm Cell 3 Const Drawings</td>
<td></td>
</tr>
<tr>
<td>Is the bottom of each disposal area at least 12 feet from the sides or dikes of the tailings cell?</td>
<td>Yes</td>
</tr>
<tr>
<td>Refer to drawings used to confirm Cell 3 Const Drawings</td>
<td></td>
</tr>
<tr>
<td>Will the elevation of the material exceed the plane or grade of the elevation of the uppermost flexible membrane liner of the cell?</td>
<td>No</td>
</tr>
<tr>
<td>How was this confirmed (e.g., survey or review)</td>
<td>Survey</td>
</tr>
</tbody>
</table>

How was the area compacted? Was each lift compacted by heavy equipment (such as a Cat D-6) at least 4 times prior to placement of subsequent lifts?

Area was compacted with a loader at least 6 times per lift.

Were void spaces filled with tailings?

Yes, material was covered with sands then soil and compacted.

Was the shipment properly covered?

Yes, see above.

Are additional settlement monitors required to be placed for this generator?

NA

If required, where were settlement markers were placed?

NA
Radiological receipt survey measurements:

\[ 1.5 \text{ mR/hr gamma} \]

Breathing Zone:

1. Was a Breathing Zone Sample collected? Yes or No
   - Yes
2. If yes, what were the results of the sampling?
   - \( \text{NA} \)

Was a photograph taken during the unloading activities? Yes or No
**STRAIGHT BILL OF LADING**
**ORIGINAL—NOT NEGOTIABLE**

<table>
<thead>
<tr>
<th>Page</th>
<th>Greenfield Logistics, LLC</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>(Name of Camer)</td>
<td>1/31/13</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>To Consignee</th>
<th>Denison Mines Corp (USA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Street</td>
<td>6425 S. Hwy 191</td>
</tr>
<tr>
<td>City</td>
<td>Blanding</td>
</tr>
<tr>
<td>State</td>
<td>UT</td>
</tr>
<tr>
<td>Zip Code</td>
<td>84511</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>From Shipper</th>
<th>Crow Butte Resources, Inc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Street</td>
<td>86 Crow Butte Rd.</td>
</tr>
<tr>
<td>City</td>
<td>Crawford</td>
</tr>
<tr>
<td>State</td>
<td>NE</td>
</tr>
<tr>
<td>Zip Code</td>
<td>69339</td>
</tr>
<tr>
<td>24 hr Emergency Contact Tel No</td>
<td>(308) 665-1393</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Route</th>
<th>Vehicle Number</th>
</tr>
</thead>
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<th>Total Quantity</th>
<th>Weight</th>
<th>RATE</th>
<th>Charges</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 roll off</td>
<td>XX</td>
<td>UN2912, RADIOACTIVE MATERIAL, Low Specific Activity (LSA), N.O.S. CLASS 7, LSA 1</td>
<td>30 cubic yards</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**PHYSICAL FORM:** Solid byproduct material

**CHEMICAL FORM:** NATURAL URANIUM OXIDE UO₄-2H₂O

**LABELS APPLIED:** N/A

**TRANSPORT INDEX:** N/A per 49CFR172.203(d)(6)

**ACTIVITY OF SHIPMENT:** 2.68x10⁶_Bq

**THIS VEHICLE IS ASSIGNED FOR EXCLUSIVE USE OF CAMECO RESOURCES UNDER PROVISIONS OF 49 CFR 173.425(b); DO NOT LOAD OTHER FREIGHT IN THIS VEHICLE, TRANSFER EN ROUTE, OR BREAK SEAL**

**PLACARDS:** RADIOACTIVE 7

**Shipment #: CBR**

**Signature:**

**Note:** Where the rate is dependent on value, shippers are required to state specifically on writing the agreed or declared value of the property as follows. The agreed or declared value of the property is hereby specifically stated by the shipper to be $X.

**Contract Terms and Conditions:**

**Shippers' LIABILITY:** 

**Shipper hereby certifies that he is familiar with all the terms and conditions of the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.**

**ON BEHALF OF SHIPPER**

**SHIPPER:** Crow Butte Resources, Inc.

**CARRIER:** Greenfield Logistics, LLC

**PER** & **DATE**:

**Signature:**

**COD Fee:** PREPAID

**TOTAL CHARGES:**

**FREIGHT CHARGES:**

**RECEIVED:**

**Receives:**

**PER** & **DATE**:

**Signature:**

**Note:** Where the rate is dependent on value, shippers are required to state specifically on writing the agreed or declared value of the property as follows. The agreed or declared value of the property is hereby specifically stated by the shipper to be $X.
Generator of Byproduct material  Crow Butte

Controlled Elevation used (Cell 3)  5613 04

<table>
<thead>
<tr>
<th>Area</th>
<th>Elevation</th>
<th>Transit Shot</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial shot for trench</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Top of trench</td>
<td>5606 98</td>
<td>7 06</td>
</tr>
<tr>
<td>Bottom of trench</td>
<td>5600 54</td>
<td>13 5</td>
</tr>
<tr>
<td>Initial shot used for material</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Top of material in trench</td>
<td>5605 1</td>
<td>8 94</td>
</tr>
<tr>
<td>Top of cell 3 Liner</td>
<td>5608 5</td>
<td></td>
</tr>
<tr>
<td>Feet below liner</td>
<td>3 4</td>
<td></td>
</tr>
</tbody>
</table>
February 14, 2013

VIA Electronic Mail (PDF) and UPS

Mr. Rusty Lundberg
Division Director of Radiation Control
State of Utah Department of Environmental Quality
195 North 1950 West
PO Box 144830
Salt Lake City, UT 84114-4820

Dear Mr. Lundberg,

Re: 11e (2) Byproduct Receipt Notification

Pursuant to Radioactive Materials License (RML) UT1900479 condition 10.5 F, Energy Fuels Resources (USA) Inc. is hereby notifying the Division of Radiation Control that the White Mesa Uranium Mill will be receiving and disposing of four loads of 11e (2) byproduct materials on February 22, 2013.

If there are any questions regarding these shipments or the scheduling of the disposal activities feel free to contact me at the White Mesa Mill at 435 678 4113.

Regards,

David Turk
Manager Environmental Health & Safety
Energy Fuels Resources (USA) Inc

cc: Denver Central Files
ATTACHMENT 2

11e.(2) BYPRODUCT MATERIAL DISPOSAL DOCUMENTATION FORM

Date: 2/16/13

Name of employee receiving the load: Terry Slade

Generator of the Byproduct Material: URF Kingsville

Was the State of Utah given notice to the receipt/disposal activities associated with this load? Yes or No

Who gave and when was the notification given?

David Turk, 2/16/13

Description of byproduct material disposal area/activities:

See photos and platte

Has each drum been inspected to identify the presence of any void spaces? NA

Have all drums with void spaces been filled with tailings sands or soil? NA

Which tailings cell was the material placed in? Cell 3

Was the material placed on a tailings beach area of the cell or on an area of the cell that was underlain by tailings sands?

Material was placed on the sands then covered

Was the material segregated from any Mill material or equipment disposed of in the cell?

Yes

Was the material segregated from byproduct material from other ISL sources disposed of in the cell?

Yes
Have the thickness and placement measurements been verified and documented for the disposal area by the engineer, specifically:

<table>
<thead>
<tr>
<th>Question</th>
<th>Yes/No</th>
<th>Engineer's or RSO's Initials</th>
</tr>
</thead>
<tbody>
<tr>
<td>Was the material placed in a cell approved by the executive Secretary for ISL waste disposal?</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Documentation of approval</td>
<td>License UT04419 AmmS</td>
<td></td>
</tr>
<tr>
<td>Was the ISL material segregated from disposed Mill material and other ISL material?</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Refer to plat(s) used to confirm</td>
<td>Cell 3 Nez Disposal Area</td>
<td></td>
</tr>
<tr>
<td>Was the maximum lift thickness above tailings less than 4 feet thick?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Was the maximum lift thickness of subsequent lifts less than 2 feet thick?</td>
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<td></td>
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<tr>
<td>Has 4 foot of tailings sands been maintained under each disposal area?</td>
<td>Yes</td>
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<tr>
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<td></td>
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<td>Is the bottom of each disposal area at least 12 feet from the sides or dikes of the tailings cell?</td>
<td>Yes</td>
<td></td>
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<tr>
<td>Refer to drawings used to confirm</td>
<td>Cell 3 Const Drawings</td>
<td></td>
</tr>
<tr>
<td>Will the elevation of the material exceed the plane or grade of the elevation of the uppermost flexible membrane liner of the cell?</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>How was this confirmed (e.g., survey or review)</td>
<td>Survey</td>
<td></td>
</tr>
</tbody>
</table>

How was the area compacted? Was each lift compacted by heavy equipment (such as a Cat D-6) at least 4 times prior to placement of subsequent lifts?

Area was compacted with a loader 5 times.

Were void spaces filled with tailings?

Material was covered with sands then soil and compacted.

Was the shipment properly covered?

Yes, see above.

Are additional settlement monitors required to be placed for this generator?

N/A

If required, where were settlement markers were placed?

N/A
Radiological receipt survey measurements:

**PIT-D-0** 0.25 mR/hr

Breathing Zone:

1. Was a Breathing Zone Sample collected? Yes or No
   - Yes
2. If yes, what were the results of the sampling?

Was a photograph taken during the unloading activities? Yes or No

- No
## Straight Bill of Lading for Byproduct Material

<table>
<thead>
<tr>
<th>URI, INC.</th>
<th>STRAIGHT BILL OF LADING FOR BYPRODUCT MATERIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>RM License No. R03653</td>
<td>Shipment No 13KVD-002 Trailer # GFLU 0011551</td>
</tr>
<tr>
<td>Date 2/4/2013</td>
<td>Seal # n/a</td>
</tr>
</tbody>
</table>

**NAME OF CARRIER:** Greenfield Logistics  **DRIVER:** Todd Gamble

**SHIPPER (from):** URI, Inc  **SHIPPER ADDRESS:**
- STREET: 641 E FM 1118
- CITY: Kingsville  **STATE:** Texas  **ZIP:** 78363
  **COUNTRY:** USA  **PHONE:** 361-595-5731

**COSIGNEE (to):** DMC- White Mesa Mill  **COSIGNEE ADDRESS:**
- DESTINATION STREET: 6425 S. Hwy 191
- CITY: Blanding  **STATE:** UT  **ZIP:** 84511
  **COUNTRY:** USA  **PHONE:** 435-678-2221

**CONTENTS**

**EXCLUSIVE USE SHIPMENT**

***These contents are contaminated with natural uranium and its daughters $^{226}R_{a}$ and $^{230}Th$***

**PROPER SHIPPING NAME:** RADIOACTIVE MATERIAL L S A 1

**HAZARD CLASS:** 7

**IDENTIFICATION NUMBER:** UN 2912

**WEIGHT:**
- Tare: 44,000 lbs
- NET: 25,122 lbs
- GROSS: 69,122 lbs

**EMERGENCY CONTACTS 24 HOUR**

CHEMTREC 800-424-9300 password URI
URI DISTRICT: 361-331-5585 (Joshua Holland)
URI HEADQUARTERS: 214-683-8889 (Mark Pelizza)

**SHIPPER’s CERTIFICATION**

This is to certify that the above materials are properly classified, described, packaged, marked, placarded and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. THIS VEHICLE IS CONSIDERED A PACKAGE IN COMPLIANCE WITH 49 CFR 173.427 (c)

**Shipper’s Signature:**

**Date:** 2/4/2013

**CARRIER’s CERTIFICATION**

Carrier acknowledges receipt of packages and required placards. Carrier certifies emergency response information was made available and has the appropriate emergency response document in the vehicle. Department of Transportation

**Driver’s Signature:**

**Date:** 2/4/2013

**CONSIGNEE’s RECEIPT of SHIPMENT**

**Cosignee’s Signature:**

**Date:** 2-6-13
Generator of Byproduct material  URI Kingsville

Controled Elevation used (Cell 3)  5613 04

<table>
<thead>
<tr>
<th>Area</th>
<th>Elevation</th>
<th>Transit Shot</th>
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<tbody>
<tr>
<td>Initial shot for trench</td>
<td>5607 46</td>
<td>1 02</td>
</tr>
<tr>
<td>End of Cover</td>
<td>5603 7</td>
<td>6 6</td>
</tr>
<tr>
<td>Sands</td>
<td></td>
<td>10 36</td>
</tr>
<tr>
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<tr>
<td>Top of cell 3 Liner</td>
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<td></td>
</tr>
<tr>
<td>Feet below liner</td>
<td></td>
<td>2 44</td>
</tr>
</tbody>
</table>
February 26, 2013

VIA Electronic Mail (PDF) and UPS

Mr. Rusty Lundberg  
Division Director of Radiation Control  
State of Utah Department of Environmental Quality  
195 North 1950 West  
PO Box 144830  
Salt Lake City, UT 84114-4820

Dear Mr. Lundberg,

Re. 11e (2) Byproduct Receipt Notification

Pursuant to Radioactive Materials License (RML) UT1900479 condition 10.5 F, Energy Fuels Resources (USA) Inc is hereby notifying the Division of Radiation Control that the White Mesa Uranium Mill will be receiving and disposing of six loads of 11e (2) byproduct materials on March 8, 2013

If there are any questions regarding these shipments or the scheduling of the disposal activities feel free to contact me at the White Mesa Mill at 435 678 2221

Regards,

Garrin Palmer  
Environmental Coordinator  
Energy Fuels Resources (USA) Inc

cc Denver Central Files
ATTACHMENT 2

11e.(2) BYPRODUCT MATERIAL DISPOSAL DOCUMENTATION FORM

Date: 2-26-13

Name of employee receiving the load: Carron Palmer

Generator of the Byproduct Material: URI, Inc.

Was the State of Utah given notice to the receipt/disposal activities associated with this load? Yes or No

Who gave and when was the notification given?

2-26-13 Carron Palmer

Description of byproduct material disposal area/activities:

Dirt, see photos and platte

Has each drum been inspected to identify the presence of any void spaces? NA

Have all drums with void spaces been filled with tailings sands or soil? NA

Which tailings cell was the material placed in? Cell 3

Was the material placed on a tailings beach area of the cell or on an area of the cell that was underlain by tailings sands?

Was the material segregated from any Mill material or equipment disposed of in the cell? Yes

Was the material segregated from byproduct material from other ISL sources disposed of in the cell? Yes
Have the thickness and placement measurements been verified and documented for the disposal area by the engineer, specifically:

<table>
<thead>
<tr>
<th>Question</th>
<th>Engineer’s or RSO’s Initials</th>
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<tr>
<td>How was this confirmed (e.g., survey or review)</td>
<td></td>
</tr>
</tbody>
</table>

How was the area compacted? Was each lift compacted by heavy equipment (such as a Cat D-6) at least 4 times prior to placement of subsequent lifts?

Were void spaces filled with tailings?

Was the shipment properly covered?

Are additional settlement monitors required to be placed for this generator?

If required, where were settlement markers were placed?
Radiological receipt survey measurements:

Breathing Zone:

1. Was a Breathing Zone Sample collected? Yes or No

2. If yes, what were the results of the sampling?

Was a photograph taken during the unloading activities? Yes or No
**URI, INC.**

**STRAIGHT BILL OF LADING FOR BYPRODUCT MATERIAL**

<table>
<thead>
<tr>
<th>RM License No. R03653</th>
<th>Shipment No 13KVD-007</th>
<th>Trailer # GFLU 2181</th>
<th>Date 2/25/2013</th>
<th>Seal # n/a</th>
</tr>
</thead>
</table>

**NAME OF CARRIER** Greenfield Logistics **DRIVER**

**SHIPPER (from)** URI, Inc

**STREET** 641 E FM 1118

**CITY** Kingsville **STATE** Texas **ZIP** 78363 **COUNTRY** USA **PHONE** 361-595-5731

**COSIGNEE (to)** DMC- White Mesa Mill

**DESTINATION STREET** 6425 S Hwy 191

**CITY** Blanding **STATE** UT **ZIP** 84511 **COUNTRY** USA **PHONE** 435-678-2221

**CONTENTS**

**EXCLUSIVE USE SHIPMENT**

***These contents are contaminated with natural uranium and its daughters $^{226}\text{Ra}$ and $^{230}\text{Th}$***

**PROPER SHIPPING NAME** RADIOACTIVE MATERIAL L SA 1

**HAZARD CLASS** 7

**IDENTIFICATION NUMBER** UN 2912

**WEIGHT** Tare 44,000 lbs NET 27,155 lbs GROSS 71,155 lbs

**EMERGENCY CONTACTS 24 HOUR**

CHEMTREC: 800-424-9300 password URI

URI DISTRICT: 361-331-5585 (Joshua Holland)

URI HEADQUARTERS: 214-683-8889 (Mark Pelizza)

**SHIPPER’s CERTIFICATION**

This is to certify that the above materials are properly classified, described, packaged, marked, placarded and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. **THIS VEHICLE IS CONSIDERED A PACKAGE IN COMPLIANCE WITH 49 CFR 173 427 (c)**

Shipper's Signature: [Signature]

Date: 2/25/2013

**CARRIER’s CERTIFICATION**

Carrier acknowledges receipt of packages and required placards. Carrier certifies emergency response information was made available and has the appropriate emergency response document in the vehicle. Department of Transportation.

Driver's Signature: [Signature]

Date: 2/25/2013

**COSIGNEE’s RECEIPT of SHIPMENT**

Cosignee's Signature: [Signature]

Date: 2/27/13
Generator of Byproduct material  URI Kingsville

Controled Elevation used (Cell 3)  5613 04

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<th>Elevation</th>
<th>Transit Shot</th>
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<tr>
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<td>5602 44</td>
<td>12 3</td>
</tr>
<tr>
<td>Initial shot used for material</td>
<td></td>
<td>0 6</td>
</tr>
<tr>
<td>Top of material in trench</td>
<td>5605 29</td>
<td>8 35</td>
</tr>
<tr>
<td>Top of cell 3 Liner</td>
<td>5608 5</td>
<td></td>
</tr>
<tr>
<td>Feet below liner</td>
<td></td>
<td>3 21</td>
</tr>
</tbody>
</table>
**ATTACHMENT 2**

**11e.(2) BYPRODUCT MATERIAL DISPOSAL DOCUMENTATION FORM**

<table>
<thead>
<tr>
<th>Date: 2-27-13</th>
</tr>
</thead>
</table>

Name of employee receiving the load: **Garren Palmer**

Generator of the Byproduct Material: **URU, Inc.**

Was the State of Utah given notice to the receipt/disposal activities associated with this load? **Yes**

Who gave and when was the notification given?  
**2-26-13**  
**Garren Palmer**

Description of byproduct material disposal area/activities.  
**Dietch, sec photos and plate**

Has each drum been inspected to identify the presence of any void spaces? **NA**

Have all drums with void spaces been filled with tailings sands or soil? **NA**

Which tailings cell was the material placed in? **Cell 3**

Was the material placed on a tailings beach area of the cell or on an area of the cell that was underlain by tailings sands?  

Was the material segregated from any Mill material or equipment disposed of in the cell? **Yes**

Was the material segregated from byproduct material from other ISL sources disposed of in the cell? **Yes**
Have the thickness and placement measurements been verified and documented for the disposal area by the engineer, specifically.

<table>
<thead>
<tr>
<th>Question</th>
<th>Engineer’s or RSO’s Initials</th>
</tr>
</thead>
<tbody>
<tr>
<td>Was the material placed in a cell approved by the executive Secretary for ISL waste disposal?</td>
<td></td>
</tr>
<tr>
<td>Documentation of approval</td>
<td></td>
</tr>
<tr>
<td>Was the ISL material segregated from disposed Mill material and other ISL material?</td>
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</tr>
<tr>
<td>Refer to plat(s) used to confirm</td>
<td></td>
</tr>
<tr>
<td>Was the maximum lift thickness above tailings less than 4 feet thick?</td>
<td></td>
</tr>
<tr>
<td>Was the maximum lift thickness of subsequent lifts less than 2 feet thick?</td>
<td></td>
</tr>
<tr>
<td>Has 4 foot of tailings sands been maintained under each disposal area?</td>
<td></td>
</tr>
<tr>
<td>Refer to drawings used to confirm</td>
<td></td>
</tr>
<tr>
<td>Is the bottom of each disposal area at least 12 feet from the sides or dikes of the tailings cell?</td>
<td></td>
</tr>
<tr>
<td>Refer to drawings used to confirm</td>
<td></td>
</tr>
<tr>
<td>Will the elevation of the material exceed the plane or grade of the elevation of the uppermost flexible membrane liner of the cell?</td>
<td></td>
</tr>
<tr>
<td>How was this confirmed (e.g., survey or review)</td>
<td></td>
</tr>
</tbody>
</table>

How was the area compacted? Was each lift compacted by heavy equipment (such as a Cat D-6) at least 4 times prior to placement of subsequent lifts?

________________________

Were void spaces filled with tailings?

________________________

Was the shipment properly covered?

________________________

Are additional settlement monitors required to be placed for this generator?

N/A

If required, where were settlement markers were placed?

N/A
Radiological receipt survey measurements:

**PLD-O** 1.9 mR/hr

Breathing Zone.

1. Was a Breathing Zone Sample collected? Yes or No  
   - Yes
2. If yes, what were the results of the sampling?

Was a photograph taken during the unloading activities? Yes or No  
   - Yes
**STRAIGHT BILL OF LADING FOR BYPRODUCT MATERIAL**

<table>
<thead>
<tr>
<th>Field</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>RM License No.</td>
<td>R03653</td>
</tr>
<tr>
<td>Shipment No.</td>
<td>13KVD-009</td>
</tr>
<tr>
<td>Trailer #</td>
<td>GFLU0011551</td>
</tr>
<tr>
<td>Date</td>
<td>2/25/2013</td>
</tr>
<tr>
<td>Seal #</td>
<td>n/a</td>
</tr>
<tr>
<td>NAME OF CARRIER</td>
<td>Greenfield Logistics</td>
</tr>
<tr>
<td>DRIVER</td>
<td>Terry Reynolds</td>
</tr>
<tr>
<td>SHIPPER (from)</td>
<td>URI, Inc</td>
</tr>
<tr>
<td>STREET</td>
<td>641 E FM 1118</td>
</tr>
<tr>
<td>CITY</td>
<td>Kingsville</td>
</tr>
<tr>
<td>STATE</td>
<td>Texas</td>
</tr>
<tr>
<td>ZIP</td>
<td>78363</td>
</tr>
<tr>
<td>COUNTRY</td>
<td>USA</td>
</tr>
<tr>
<td>PHONE</td>
<td>361-595-5731</td>
</tr>
<tr>
<td>COSIGNEE (to)</td>
<td>DMC- White Mesa Mill</td>
</tr>
<tr>
<td>DESTINATION STREET</td>
<td>6425 S Hwy 191</td>
</tr>
<tr>
<td>CITY</td>
<td>Blanding</td>
</tr>
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<td>UT</td>
</tr>
<tr>
<td>ZIP</td>
<td>84511</td>
</tr>
<tr>
<td>COUNTRY</td>
<td>USA</td>
</tr>
<tr>
<td>PHONE</td>
<td>435-678-2221</td>
</tr>
<tr>
<td>CONTENTS</td>
<td><strong>EXCLUSIVE USE SHIPMENT</strong></td>
</tr>
<tr>
<td>***These contents are contaminated with natural uranium and its daughters $^{226}$Ra and $^{230}$Th ***</td>
<td></td>
</tr>
<tr>
<td>PROPER SHIPPING NAME</td>
<td>RADIOACTIVE MATERIAL L S A 1</td>
</tr>
<tr>
<td>HAZARD CLASS</td>
<td>7</td>
</tr>
<tr>
<td>IDENTIFICATION NUMBER</td>
<td>UN 2912</td>
</tr>
<tr>
<td>WEIGHT Tare</td>
<td>44,000 lbs</td>
</tr>
<tr>
<td>WEIGHT NET</td>
<td>26,360 lbs</td>
</tr>
<tr>
<td>WEIGHT GROSS</td>
<td>70,360 lbs</td>
</tr>
<tr>
<td>EMERGENCY CONTACTS</td>
<td>CHEMTREC: 800-424-9300 password: URI</td>
</tr>
<tr>
<td>URI DISTRICT</td>
<td>361-331-5585 (Joshua Holland)</td>
</tr>
<tr>
<td>URI HEADQUARTERS</td>
<td>214-683-8889 (Mark Pelizza)</td>
</tr>
<tr>
<td>SHIPPER'S CERTIFICATION</td>
<td>This is to certify that the above materials are properly classified, described, packaged, marked, placarded and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. THIS VEHICLE IS CONSIDERED A PACKAGE IN COMPLIANCE WITH 49 CFR 173.427 (c)</td>
</tr>
<tr>
<td>Shipper's Signature</td>
<td>John Holland</td>
</tr>
<tr>
<td>Date</td>
<td>2/25/2013</td>
</tr>
<tr>
<td>CARRIER'S CERTIFICATION</td>
<td>Carrier acknowledges receipt of packages and required placards. Carrier certifies emergency response information was made available and has the appropriate emergency response document in the vehicle. Department of Transportation</td>
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<tr>
<td>Driver's Signature</td>
<td>Terry Reynolds</td>
</tr>
<tr>
<td>Date</td>
<td>2/25/2013</td>
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<tr>
<td>CONSIGNEE'S RECEIPT of SHIPMENT</td>
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<tr>
<td>Consignee's Signature</td>
<td>Dave Palmer</td>
</tr>
<tr>
<td>Date</td>
<td>2/27/13</td>
</tr>
</tbody>
</table>
Generator of Byproduct material URI Kingsville

Controlled Elevation used (Cell 3) 5613 04

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</tr>
<tr>
<td>Feet below liner</td>
<td>3 21</td>
<td></td>
</tr>
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ATTACHMENT 2

11e.(2) BYPRODUCT MATERIAL DISPOSAL DOCUMENTATION FORM

Date: 3/6/13

Name of employee receiving the load: García Palmer

Generator of the Byproduct Material: URE - Kingsville

Was the State of Utah given notice to the receipt/disposal activities associated with this load? Yes or No

Who gave and when was the notification given?
Garcia Palmer, 2/26/13

Description of byproduct material disposal area/activities:
Soil, see photos and platte

Has each drum been inspected to identify the presence of any void spaces? NA

Have all drums with void spaces been filled with tailings sands or soil? NA

Which tailings cell was the material placed in? Cell 3

Was the material placed on a tailings beach area of the cell or on an area of the cell that was underlain by tailings sands?

Was the material segregated from any Mill material or equipment disposed of in the cell? Yes

Was the material segregated from byproduct material from other ISL sources disposed of in the cell? Yes
Have the thickness and placement measurements been verified and documented for the disposal area by the engineer, specifically.

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How was the area compacted? Was each lift compacted by heavy equipment (such as a Cat D-6) at least 4 times prior to placement of subsequent lifts?

Were void spaces filled with tailings?

Was the shipment properly covered?

Are additional settlement monitors required to be placed for this generator?  

If required, where were settlement markers were placed?  

NA
Radiological receipt survey measurements:

\[ PTD-D \ 1.4 \text{ mR/hr} \]

Breathing Zone:

1. Was a Breathing Zone Sample collected? Yes or No

2. If yes, what were the results of the sampling?

Was a photograph taken during the unloading activities? Yes or No
**URI, INC.**

**STRAIGHT BILL OF LADING FOR BYPRODUCT MATERIAL**

<table>
<thead>
<tr>
<th>RM License No. R03653</th>
<th>Trailor #: GFLU 001088</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date: 3-4-2013</td>
<td>Serial #: n/a</td>
</tr>
</tbody>
</table>

**NAME OF CARRIER:** Greenfield Logistics  
**DRIVER:** X. DEAN ROBERTS

**SHIPPER (from):** URI, Inc  
**STREET:** 641 E FM 1118  
**CITY:** Kingsville  
**STATE:** Texas  
**ZIP:** 78363  
**COUNTRY:** USA  
**PHONE:** 361-595-5731

**COSIGNEE (to):** DMC- White Mesa Mill  
**DESTINATION STREET:** 6425 S. Hwy 191  
**CITY:** Blanding  
**STATE:** UT  
**ZIP:** 84511  
**COUNTRY:** U.S.A.  
**PHONE:** 435-678-2221

**CONTENTS**

**EXCLUSIVE USE SHIPMENT**

***These contents are contaminated with natural uranium and its daughters $^{226}$Ra and $^{230}$Th***

**PROPER SHIPPING NAME:** RADIOACTIVE MATERIAL LS A 1  
**HAZARD CLASS:** 7  
**IDENTIFICATION NUMBER:** UN 2912  
**WEIGHT:** Tare 44,000 lbs, Net 30,206 lbs, Gross 74,206 lbs

**EMERGENCY CONTACTS 24 HOUR**

CHEMTREC: 800-424-9300 password: URI  
URI DISTRICT: 361-331-5585 (Joshua Holland)  
URI HEADQUARTERS: 214-683-8899 (Mark Pelizza)

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Shipper's Signature:  
Date:  

**CARRIER's CERTIFICATION**

Carrier acknowledges receipt of packages and required placards. Carrier certifies emergency response information was made available and has the appropriate emergency response document in the vehicle. Department of Transportation

Driver's Signature:  
Date:  

**CONSIGNEE's RECEIPT of SHIPMENT**

Consignee's Signature:  
Date: 3/6/13
Generator of Byproduct material: URI Kingsville

Controled Elevation used (Cell 3)

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<td></td>
</tr>
<tr>
<td>Feet below liner</td>
<td></td>
<td>321</td>
</tr>
</tbody>
</table>
Photo 1. 11e(2) material staged at rim of excavation prior to burial. Photo taken 1:51 p.m. March 7, 2013.

Photo 2. Introducing the 11e(2) material into the excavation. Photo taken 1:54 p.m. March 7, 2013.

Photo 3. Covering the excavation. Note excavation spoils (tailings sands) to the left of the photo. Photo taken 2:19 p.m. March 7, 2013.

Photo 4. Covered excavation. Fill was too wet and too soft beneath the surface to compact. Photo taken 2:35 p.m. March 7, 2013.