

## NSSI/SOURCES & SERVICES, INC.

P.O. BOX 34042 HOUSTON, TEXAS 77234 PH: (713) 641-0391 www.nssihouston.com FAX: (713) 641-6153

**October 3, 2013** 

TLLRWDCC Ms. Leigh Ing, Executive Director 333 Guadalupe Street #3-240 Austin, TX 78701

TEL 512 305 -8941 administration@tllrwdcc.org

RE: NSSI Petition for Permit for Exportation and/or to Amend Existing Permit

Dear Ms. Ing:

I have enclosed a "Petition for Permit to Export Low Level Radioactive Waste and/or to Amend Existing Permit." A check for the application fee of Five Hundred Dollars (\$500.00) is also enclosed.

NSSI's original petition for a permit to export waste was submitted May 20, 2010 and an "Order Authorizing the Export of Waste for NSSI" was issued July 15, 2010. The order as issued allowed export of waste from the site of generation effective from July 15, 2010 to May 31, 2011 or until the Texas Compact Waste Facility is open and accepting waste for disposal.

With the opening of the WCS site at Andrews, that export permit lapsed, and on October 15, 2012, NSSI petitioned for a permit to export non-compact waste that had been received for processing and needed to be exported for final disposal.

NSSI receives radioactive wastes for processing from clients located within the Compact States and from clients located outside of the Compact States. For wastes shipped from within the Compact States, NSSI processes such waste and disposes those wastes at the Texas Compact Waste Facility in Andrews County. For waste received from clients outside of the Compact States, NSSI must re-ship that waste to out of Compact States facilities after processing.

NSSI uses mechanical processes to repackage some waste or to reduce its volume in order to ready such waste for disposal. NSSI chemically treats some wastes to prepare that waste for disposal. NSSI also generates some waste in connection with those treatments.

Out of Compact States disposal sites now require that NSSI present proof that it possesses a TLLRWDCC Export Permit for wastes to be delivered to such sites even though the waste originated from out of Compact States clients. As a result, NSSI is compelled to have an export permit from the TLLRWDCC.

Based on NSSI's application for a permit dated October 15, 2012, the Texas Low-Level Radioactive Waste Disposal Compact Commission on November 30, 2012 issued an order to Nuclear Sources & Services, Inc. (NSSI) authorizing the export of processed non-compact waste for the period of November 30, 2012 through December 31, 2013.

As the termination date of that order is approaching, NSSI is submitting a "Petition for Extension of Permit to Export Low Level Radioactive Waste and/or to Amend Existing Permit" and requesting that the Order Authorizing Export of Waste for Nuclear Sources & Services, Inc. (NSSI) (the "Order") be extended to authorize shipment from the NSSI facility of wastes which originated in states other than Compact States to disposal sites in out of Compact States for twelve (12) months from the date of the grant of the amended/renewal permit.

If any additional information is needed to meet the Petition requirements, please contact me and I will be happy to provide whatever is needed. Since the TLLRWDCC rules are not specific as to how petitions for permits are to be handled for an applicant previously possessing a permit, we have filed in the same form as used in 2012.

I would appreciate your posting the amended Petition on the agenda for consideration by the Commissioners at the November 21, 2013 Texas Low-Level Radioactive Waste Disposal Compact Commission (TLLRWDCC) meeting.

The enclosed Petition is being transmitted to you by electronic mail and certified mail. Copies of the previous petitions and orders are attached.

Thanks you for your consideration of this matter.

Sincerely,

Robert D. Gallagher

President & RSO -NSSI

100313a4

cc: Bob Greenslade Fulbright & Jaworski

# PETITION FOR A PERMIT TO EXPORT LOW LEVEL RADIOACTIVE WASTE AND/OR TO AMEND EXISTING PERMIT

1. Name of petitioner: Nuclear Sources and Services, Inc. (NSSI)

Mailing address: Box 34042, Houston, TX 77234

2. Person to be contacted concerning this petition:

Robert D. Gallagher Radiation Safety Officer 713 641-0391 rdgallagher@nssihouston.com

3. Proposed out-of Compact disposal facilities:

NSSI treats wastes and utilizes Environmental Management (EMC) of Turlock, CA to provide volume reduction and/or repackaging services for dry active waste (DAW) with the final disposal at:

Energy Solutions at Clive, UT U.S. Ecology at Richland, WA Energy Solutions at Barnwell, SC

NSSI treats wastes and utilizes Toxco of Oak Ridge, TN to provide volume reduction and/or repackaging services for dry active waste (DAW) with the final disposal at:

Energy Solutions at Clive, UT U.S. Ecology at Richland, WA Energy Solutions at Barnwell, SC Waste Management at Heiskell, TN

NSSI treats wastes and utilizes Energy Solutions of Oak Ridge, TN to provide volume reduction and/or repackaging services for dry active waste (DAW) with the final disposal at:

Energy Solutions at Clive, UT U.S. Ecology at Richland, WA Energy Solutions at Barnwell, SC Waste Management at Heiskell, TN

NSSI treats wastes and utilizes Permafix of Oak Ridge, TN to provide additional treatment and/or repackaging services for bulk liquid wastes with the final disposal at:

**Energy Solutions at Clive, UT** 

U.S. Ecology at Richland, WA Energy Solutions at Barnwell, SC Waste Management at Heiskell, TN

4. Effective period for which Petition is made:

From the date of amended order to twelve (12) months after the amended order for NSSI generated wastes that are not acceptable at the Texas Waste Compact Site.

5. Total volume of Class A and Class B low-level radioactive waste projected to be exported during the time for which this petition is made, including the weight of the outermost container that will be used for disposal (in cubic units: 300--55 gallon drum equivalents (~2205 cubic feet) per year.

## 6. Description of waste:

Class A and Class B solid wastes consisting of plastic, paper, metal, and glass from the handling of radioactive materials as acceptable at the facility to which shipped,

Class A and Class B solid wastes consisting of concrete and absorber materials from aqueous waste processing as acceptable at the facility to which shipped,

Class A and Class B solid wastes consisting of contaminated and activated metal, plastic, and glass containers as acceptable at the facility to which shipped,

Class A and Class B solid residues resulting from chemical and radioactive mixed waste treatment acceptable at the facility to which shipped,

Class A and Class B solid wastes consisting of construction debris and decontamination materials from facility and source decontamination as acceptable at the facility to which shipped,

Class A Animal carcasses and tissues from research activities.

Radioactive wastes that meet the Tennessee BSFR criteria.

Aqueous and organic bulk liquids resulting from chemical and radioactive mixed waste treatment.

Class A and Class B sealed sources as acceptable at the facility to which shipped.

7. Reasons that the petition should be granted, including health and safety issues, emergency needs (if any), and the economic impact on the petitioner if the export petition is denied:

NSSI is a TCEQ permitted radioactive and mixed waste treatment facility within the State of Texas and has provided radioactive waste management and treatment services since 1971.

NSSI is limited by its TCEQ permit R0-1811 to a limited number of drums of waste that can be stored at the NSSI site without posting additional financial security. When that volume is reached, NSSI can no longer accept radioactive waste for treatment and consolidation. This limits the efficiency of the NSSI operations and limits NSSI's ability

to provide a needed service for industry, hospitals, and research facilities across Texas and the nation.

As other waste compacts refuse to accept wastes manifested from the NSSI Houston facility, not having a Texas export permit will result in a total stoppage of NSSI's processing of non- Compact wastes. This will ultimately result in closure of the NSSI radioactive and mixed waste treatment facility as the facility cannot survive on Texas only generated wastes.

NSSI is the primary contractor for the Department of Energy Offsite Source Recovery Project (OSRP) and while sources received under the program are not received as waste, any waste generated at NSSI as result of this program might not be accepted as Texas generated waste. This could completely shut the OSRP program down.

#### 8. Certifications:

I herby certify that the Petitioner is licensed for radioactive material and waste and permitted for hazardous and mixed waste, and agrees to receive back its waste if its management or disposal is not allowed at the proposed disposal facility.

I hereby certify that to the best of my knowledge, the information provided herein is accurate and correct and that the low-level radioactive waste for which this Export Petition is submitted will be packaged and shipped in accordance with applicable state and federal regulations and will be treated to be acceptable at the intended final disposal facility.

I hereby certify that I am authorized by my company, facility, or agency to commit it to each and every obligation and condition set forth herein.

Robert D. Gallagher

President and Radiological Safety Officer

**October 3, 2013** 

### TEXAS LOW-LEVEL RADIOACTIVE WASTE DISPOSAL COMPACT COMMISSION

### Order Authorizing the Export of Waste for

Nuclear Sources & Services, Inc. (NSSI)

The Texas Low-Level Radioactive Waste disposal Compact Commission ("Commission") received from Nuclear Sources & Services, Inc. (NSSI), a petition dated May 20, 2010, to export Class A Low-Level Radioactive Waste for Treatment and Permanent Disposal ("Petition") in the following facilities:

Management at Environmental Management at Turlock, Ca

Disposal at Energy Solutions at Clive, UT

The petition was filed pursuant to Section 3.05(7) of the Texas Low-Level Radioactive Waste Disposal Compact and the Commission resolution dated December 11, 2009, authorizing consideration of such export petitions. The petition was granted at a Commission meeting on June 12, 2010 and memorialized by an Oder signed by the Chair of the Commission on July 15, 2010. The July 15, 2012 Order with the appended petition is Attachment A to this Order.

On October 15, 2012, NSSI petitioned the Commission to amend the existing export permit to allow the export of Class A and Class B non-compact treated/managed wastes to the following facilities:

For management at Environmental Management at Turlock, Ca

For disposal at Energy Solutions at Clive, Ut

For disposal at U.S. Ecology at Richland, Wa

For disposal at Energy Solutions at Barnwell, Sc

And

For management at Toxco at Oak Ridge, Tn

For management at Energy Solutions at Oak Ridge, Tn

For management at Permafix at Oak Ridge, Tn

For disposal at Energy Solutions at Clive, Ut

For disposal at U.S. Ecology at Richland, Wa

For disposal at Energy Solutions at Barnwell, Sc

For disposal at Waste Management at Heiskell, Tn

At the Commission's meeting posted for November 30, 2012, a majority of the members of the Commission approved the petition filed by NSSI, dated October 15, 2012, on the terms stated in the petition, subject to the following terms and conditions:

- 1. NSSI will supply to the Commission:
  - a. Manifests and/or reports of volume, mass, and activity exported for ultimate disposal which are satisfactory to the Commission.
  - b. Final reconciliation of waste volume concluded not later than 180 days post Order period.
  - c. Export will only be allowed for non-Compact waste imported for management and exported after management.
- 2. The period of the shipment of the waste from the site of generation is authorized as effective from November 30, 2012 through December 31, 2013 unless this order is further amended by the Commission.
- 3. Granting this order does not preclude the Commission's consideration of the imposition of export fees at a future date, which fees might be applicable to the export of waste under this order.

It is hereby ordered that Nuclear Sources & Services, Inc., is authorized to export low-level radioactive waste as requested in the petition, subject to the terms and conditions as stated in this order. The petition is attached to this order as Attachment B. To the extent there may be conflict between this order and the petition, the provisions of the order shall prevail.

Signed: February 22, 2013

Robert C. Wilson, Chair

#### TEXAS LOW-LEVEL RADIOACTIVE WASTE DISPOSAL COMPACT COMMISSION

## Order Authorizing the Export of Waste for

Nuclear Sources & Services, Inc. (NSSI)

The Texas Low-Level Radioactive Waste Disposal Compact Commission ("TLLRWDCC") received from Nuclear Sources & Services, Inc. (NSSI), a petition dated May 20, 2010, to Export Class A Low-Level Radioactive Waste for Treatment and Permanent Disposal ("Petition") in the following facilities:

Management at Environmental Management at Turlock, CA

Disposal at Energy Solutions at Clive, UT

The Petition was filed pursuant to Section 3.05(7) of the Texas Low-Level Radioactive Waste Disposal Compact and the Commission resolution dated December 11, 2009, authorizing consideration of such export petitions.

By a majority vote of those present at the Commission's meeting posted for June 12, 2010, a majority of the members of the Commission approved the Petition filed by NSSI on the terms stated in the Petition, subject only to the following terms and conditions:

- 1. NSSI will supply to the Commission:
  - a. Manifests and/or reports of volume, mass and activity sent for ultimate disposal which are satisfactory to the Commission.
  - b. Final reconciliation of waste volume concluded not later than 180 days post Order period.
- The period of the shipment of the waste from the site of generation is authorized as effective from
  the date as submitted in the Petition shall expire at the end of the day on May 31, 2011, or until
  such later time as the Texas Compact Waste Facility is open and accepting waste for disposal.
- 3. Granting this order does not preclude the Commission's consideration of the imposition of export fees at a future date, which fees might be applicable to the export of waste under this order.

It is hereby Ordered that Nuclear Sources & Services, Inc., is authorized to export low-level radioactive waste as requested in the Petition, subject to the terms and conditions as stated in this Order. The Petition is attached to this Order.

Signed July 15, 2010

Michael S. Ford, CHP Chair

Texas Low-Level Radioactive Waste Disposal Compact Commission



## NSSI/SOURCES & SERVICES, INC.

P.O. BOX 34042 HOUSTON, TEXAS 77234 PH: (713) 641-0391 www.nssihouston.com FAX: (713) 641-6153

May 20, 2010

Ms. Margaret Henderson Interim Executive Director TLLRWDCC 3616 Far West Blvd., Ste.117, #294 Austin, TX 78731 TEL 512 820-2930

margaret.henderson@tllrwdcc.org

Dear Ms. Henderson:

Enclosed please find a "Petition To Export Low Level Radioactive Waste" to export Class A LLRW for permanent disposal in the non-compact, commercial, Energy Solutions facility located near Clive, Utah.

If any additional information is needed to meet the petition requirements, please contact me and I will be happy to provide it.

The enclosed Petition is being transmitted to you by electronic mail and regular mail.

Sincerely,

Robert D. Gallagher President & RSO

NSSI

RDG/vla Ref. #05201004.let rdg 052010a4

## PETITION TO EXPORT LOW LEVEL RADIOACTIVE WASTE

1. Name of petitioner: Nuclear Sources and Services, Inc. (NSSI)

Mailing address: Box 34042, Houston, TX 77234

2. Person to be contacted concerning this petition:

Robert D. Gallagher Radiation Safety Officer 713 641-0391 rdgallagher@nssihouston.com

3. Proposed out-of Compact disposal facility:

NSSI treats wastes and utilizes Environmental Management (EMC) of Turlock, CA to provide volume reduction services for dry active waste (DAW) with the final disposal at:

Energy Solutions Clive, UT

4. Person or entity who generated the waste:

Name: Nuclear Sources & Services, Inc. (NSSI)

Mail address: Box 34042 Physical address: 5711 Etheridge Street

Houston, TX 77234 Houston, TX 77087

Contact: Robert D. Gallagher Radiation Safety Officer
713 641-0391 rdgallagher@nssihouston.com

5. Effective period for which Petition is made:

June 1, 2010 to final and full opening of the Texas disposal site. (This period is requested due to the uncertainties as to when the Texas site will be able to accept wastes generated at the NSSI facility.)

6. Total volume of Class A low-level radioactive waste projected to be exported during the time for which this petition is made, including the outermost container that will be used for disposal (in cubic units: 300-55 gallon drum equivalents (~2205 cubic feet) per year

Since this petition request has an uncertain ending period, the projected LLRW to be exported has been estimated per year.

## 7. Description of waste:

Class A solid wastes consisting of plastic, paper, metal, and glass from the handling of radioactive materials,

Class A solid wastes consisting of concrete and absorber materials from aqueous waste processing,

Class A solid wastes consisting of contaminated and activated metal, plastic, and glass containers.

Class A solid residues resulting from chemical and radioactive mixed waste treatment, Class A solid wastes consisting construction debris and decontamination materials from facility and source decontamination.

Class A Animal carcasses and tissues from research activities.

8. Reasons that the petition should be granted, including health and safety issues, emergency needs (if any), and the economic impact on the petitioner if the bexport petition is denied:

NSSI is the primary permitted radioactive and mixed waste treatment facility within the State of Texas and has provided radioactive waste treatment services since 1971.

NSSI is limited by it's TCEQ permit R0-1811 to a limited number of drums of waste that can be stored at the NSSI site without posting additional financial security. When that volume is reached, NSSI can no longer accept radioactive waste for treatment and consolidation. While this significantly effects NSSI's profitability, it also limits the volume of waste NSSI can accept form other Texas generators.

In addition, NSSI is the primary contractor for the Department of Energy Offsite Source Recovery Project (OSRP) and while sources received under the program are not received as waste, any waste generated as result of this program could no longer be accepted once NSSI's possession limit was reached. This could completely shut that program down.

#### 9. Certifications:

I herby certify that the Petitioner is licensed (for radioactive material and waste) and permitted for (for hazardous and mixed waste), and agrees to receive back its waste if it's management or disposal is not allowed at the proposed disposal facility.

I hereby certify that to the best of my knowledge, the information provided herein is accurate and correct and that the low-level radioactive waste for which this Export Petition is submitted will be packaged and shipped in accordance with applicable state and federal regulations and is acceptable at the intended disposal facility.

I hereby certify that I am authorized by my company, facility, or agency to commit it to each and every obligation and condition set forth herein.

Robert D. Gallagher

President and Radiological Safety Officer

May 21, 2010

Ref. #05201004.let



## NSSI/SOURCES & SERVICES, INC.

P.O. BOX 34042 HOUSTON, TEXAS 77294 PH: (713) 641-0391 www.nssihouston.com FAX: (713) 641-6153

October 15, 2012

Ms. Leigh Ing, Executive Director TLLRWDCC 3616 Far West Blvd. Ste.117, #294 Austin, TX 78731 ing.leigh@gmail.com TEL 512 305 -8981

RE: NSSI Petition for Permit for Exportation and/or to Amend Existing Permit

Dear Ms. Ing:

I have enclosed a "Petition for Permit to Export Low Level Radioactive Waste and/or to Amend Existing Permit." A check for the application fee of Five Hundred Dollars (\$500.00) is also enclosed.

NSSI's original petition for a permit to export waste was submitted May 20, 2010 and an "Order Authorizing the Export of Waste for NSSI" was issued July 15, 2010. The order as issued allowed export of waste from the site of generation effective from July 15, 2010 to May 31, 2011 or until the Texas Compact Waste Facility is open and accepting waste for disposal.

NSSI receives radioactive wastes for processing from clients located within the Compact States and from clients located outside of the Compact States. For wastes shipped from within the Compact States, NSSI is approved to send such wastes for disposal at the Texas Compact Waste Facility in Andrews County after processing. For waste received from clients outside of the Compact States, NSSI must re-ship that waste to out of Compact States facilities after processing.

NSSI uses mechanical processes to repackage some waste or to reduce its volume in order to ready such waste for disposal. NSSI chemically treats some wastes to prepare that waste for disposal. NSSI generates some waste in connection with that treatment.

Out of Compact States disposal sites have begun to demand that NSSI present proof that it possesses a TLLRWDCC Export Permit for wastes to be delivered to such sites even though the waste originated from out of Compact States clients. As a result, NSSI is compelled to request a renewal of its export permit from the TLLRWDCC.

I am therefore submitting a "Petition for Extension of Permit to Export Low Level Radioactive Waste and/or to Amend Existing Permit" and requesting that the Order Authorizing Export of

Waste for Nuclear Sources & Services, Inc. (NSSI) (the "Order") be extended to authorize shipment from the NSSI facility of wastes which originated in states other than Compact States to disposal sites in out of Compact States for twelve (12) months from the date of the grant of the permit.

If any additional information is needed to meet the Petition requirements, please contact me and I will be happy to provide whatever is needed. Since the TLLRWDCC rules are not specific as to how petitions for permits are to be handled for an applicant previously possessing a permit, we have filed this in the alternative form. We would ask that this request be treated in the form that will assure its promptest consideration.

I would appreciate your posting the amended Petition on the agenda for consideration by the Commissioners at the earliest possible Texas Low-Level Radioactive Waste Disposal Compact Commission (TLLRWDCC) meeting.

The enclosed Petition is being transmitted to you by electronic mail and certified mail.

Thanks you for your consideration of this matter.

Sincerely,

President & RSO -NSSI

RDG/vla

Ref. #10151201.let

Rdg 101512a1

cc: Bob Greenslade Fulbright & Jaworski

Sey Zimmerman Fulbright & Jaworski

# PETITION FOR A PERMIT TO EXPORT LOW LEVEL RADIOACTIVE WASTE AND/OR TO AMEND EXISTING PERMIT

1. Name of petitioner: Nuclear Sources and Services, Inc. (NSSI)

Mailing address: Box 34042, Houston, TX 77234

2. Person to be contacted concerning this petition:

Robert D. Gallagher Radiation Safety Officer 713 641-0391 rdgallagher@nssihouston.com

3. Proposed out-of Compact disposal facilities:

NSSI treats wastes and utilizes Environmental Management (EMC) of Turlock, CA to provide volume reduction and/or repackaging services for dry active waste (DAW) with the final disposal at:

Energy Solutions at Clive, UT U.S. Ecology at Richland, WA Energy Solutions at Barnwell, SC

NSSI treats wastes and utilizes Toxco of Oak Ridge, TN to provide volume reduction and/or repackaging services for dry active waste (DAW) with the final disposal at:

Energy Solutions at Clive, UT U.S. Ecology at Richland, WA Energy Solutions at Barnwell, SC Waste Management at Heiskell, TN

NSSI treats wastes and utilizes Energy Solutions of Oak Ridge, TN to provide volume reduction and/or repackaging services for dry active waste (DAW) with the final disposal at:

Energy Solutions at Clive, UT U.S. Ecology at Richland, WA Energy Solutions at Barnwell, SC Waste Management at Heiskell, TN

NSSI treats wastes and utilizes Permafix of Oak Ridge, TN to provide additional treatment and/or repackaging services for bulk liquid wastes with the final disposal at:

**Energy Solutions at Clive, UT** 

U.S. Ecology at Richland, WA Energy Solutions at Barnwell, SC Waste Management at Heiskell, TN

4. Effective period for which Petition is made:

From the date of amended order to twelve (12) months after the amended order for NSSI generated wastes that are not acceptable at the Texas Waste Compact Site.

- 5. Total volume of Class A and Class B low-level radioactive waste projected to be exported during the time for which this petition is made, including the weight of the outermost container that will be used for disposal (in cubic units: 300-55 gallon drum equivalents (~2205 cubic feet) per year.
- 6. Description of waste:

Class A and Class B solid wastes consisting of plastic, paper, metal, and glass from the handling of radioactive materials as acceptable at the facility to which shipped,

Class A and Class B solid wastes consisting of concrete and absorber materials from aqueous waste processing as acceptable at the facility to which shipped,

Class A and Class B solid wastes consisting of contaminated and activated metal, plastic, and glass containers as acceptable at the facility to which shipped,

Class A and Class B solid residues resulting from chemical and radioactive mixed waste treatment acceptable at the facility to which shipped,

Class A and Class B solid wastes consisting of construction debris and decontamination materials from facility and source decontamination as acceptable at the facility to which shipped,

Class A Animal carcasses and tissues from research activities.

Radioactive wastes that meet the Tennessee BSFR criteria.

Aqueous and organic bulk liquids resulting from chemical and radioactive mixed waste treatment.

Class A and Class B sealed sources as acceptable at the facility to which shipped.

7. Reasons that the petition should be granted, including health and safety issues, emergency needs (if any), and the economic impact on the petitioner if the export petition is denied:

NSSI is a TCEQ permitted radioactive and mixed waste treatment facility within the State of Texas and has provided radioactive waste management and treatment services since 1971.

NSSI is limited by its TCEQ permit R0-1811 to a limited number of drums of waste that can be stored at the NSSI site without posting additional financial security. When that volume is reached, NSSI can no longer accept radioactive waste for treatment and consolidation. This limits the efficiency of the NSSI operations and limits NSSI's ability

to provide a needed service for industry, hospitals, and research facilities across Texas and the nation.

As other waste compacts refuse to accept wastes manifested from the NSSI Houston facility without a Texas export permit is resulting in a total stoppage of NSSI's processing of out of Texas Compact wastes. This will ultimately result in closure of the NSSI radioactive and mixed waste treatment facility as the facility cannot survive on Texas only generated wastes.

NSSI is the primary contractor for the Department of Energy Offsite Source Recovery Project (OSRP) and while sources received under the program are not received as waste, any waste generated at NSSI as result of this program might not be accepted as Texas generated waste. This could completely shut the OSRP program down.

#### 8. Certifications:

I herby certify that the Petitioner is licensed for radioactive material and waste and permitted for hazardous and mixed waste, and agrees to receive back its waste if its management or disposal is not allowed at the proposed disposal facility.

I hereby certify that to the best of my knowledge, the information provided herein is accurate and correct and that the low-level radioactive waste for which this Export Petition is submitted will be packaged and shipped in accordance with applicable state and federal regulations and will be treated to be acceptable at the intended disposal facility.

I hereby certify that I am authorized by my company, facility, or agency to commit it to each and every obligation and condition set forth herein.

Robert D. Gallagher

President and Radiological Safety Officer

October 15, 2012