

Nevada
Environmental
Restoration
Project

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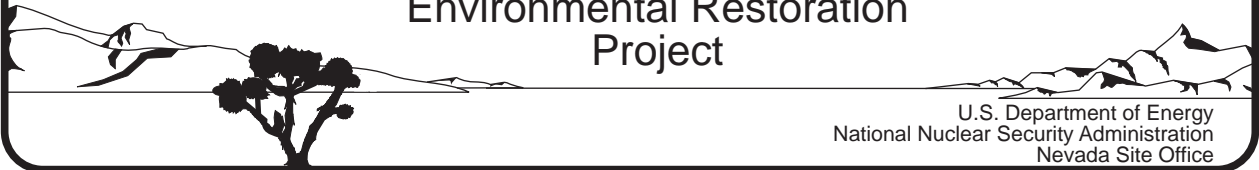
Closure Report for
Corrective Action Unit 116:
Area 25 Test Cell C Facility,
Nevada National Security Site,
Nevada

Controlled Copy No.: _____

Revision: 0

September 2011

Environmental Restoration
Project



U.S. Department of Energy
National Nuclear Security Administration
Nevada Site Office

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**CLOSURE REPORT FOR
CORRECTIVE ACTION UNIT 116:
AREA 25 TEST CELL C FACILITY,
NEVADA NATIONAL SECURITY SITE, NEVADA**

**U.S. Department of Energy
National Nuclear Security Administration
Nevada Site Office
Las Vegas, Nevada**

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**CLOSURE REPORT FOR
CORRECTIVE ACTION UNIT 116:
AREA 25 TEST CELL C FACILITY,
NEVADA NATIONAL SECURITY SITE, NEVADA**

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ACRONYMS AND ABBREVIATIONS

ACM	asbestos-containing material
CAS	Corrective Action Site
CAU	Corrective Action Unit
CR	Closure Report
CSM	conceptual site model
DOE	U.S. Department of Energy
DQA	data quality assessment
DQO	data quality objective
EPA	U.S. Environmental Protection Agency
FFACO	<i>Federal Facility Agreement and Consent Order</i>
ft	foot (feet)
gal	gallon(s)
HEPA	high-efficiency particulate air
HW	hazardous waste
ISOCS	In Situ Object Counting System
LLW	low-level waste
m ³	cubic meter(s)
MW	mixed waste
NCRP	National Council on Radiation Protection
NDEP	Nevada Division of Environmental Protection
NNSA/NSO	U.S. Department of Energy, National Nuclear Security Administration Nevada Site Office
NNSA/NV	U.S. Department of Energy, National Nuclear Security Administration Nevada Operations Office
NNSS	Nevada National Security Site
NSTec	National Security Technologies, LLC
PCB	polychlorinated biphenyl
pCi/g	picocurie(s) per gram
PPE	personal protective equipment
QA	quality assurance

ACRONYMS AND ABBREVIATIONS (continued)

QAPP	<i>Industrial Sites Quality Assurance Project Plan</i>
QC	quality control
RMA	Radioactive Material Area
RWMS	Radioactive Waste Management Site
SAFER	Streamlined Approach for Environmental Restoration
TSCA	<i>Toxic Substances Control Act</i>
UR	use restriction
UW	universal waste
WMA	waste management area

EXECUTIVE SUMMARY

This Closure Report (CR) presents information supporting closure of Corrective Action Unit (CAU) 116, Area 25 Test Cell C Facility. This CR complies with the requirements of the *Federal Facility Agreement and Consent Order* (FFACO) that was agreed to by the State of Nevada; the U.S. Department of Energy (DOE), Environmental Management; the U.S. Department of Defense; and DOE, Legacy Management (FFACO, 1996 [as amended March 2010]). CAU 116 consists of the following two Corrective Action Sites (CASs), located in Area 25 of the Nevada National Security Site:

- CAS 25-23-20, Nuclear Furnace Piping
- CAS 25-41-05, Test Cell C Facility

CAS 25-41-05 consisted of Building 3210 and the attached concrete shield wall. CAS 25-23-20 consisted of the nuclear furnace piping and tanks. Closure activities began in January 2007 and were completed in August 2011. Activities were conducted according to Revision 1 of the Streamlined Approach for Environmental Restoration Plan for CAU 116 (U.S. Department of Energy, National Nuclear Security Administration Nevada Site Office [NNSA/NSO], 2008). This CR provides documentation supporting the completed corrective actions and provides data confirming that closure objectives for CAU 116 were met.

Site characterization data and process knowledge indicated that surface areas were radiologically contaminated above release limits and that regulated and/or hazardous wastes were present in the facility. The following closure activities were performed:

- Characterize, remove, and dispose of all hazardous and/or regulated materials from Building 3210 and the nuclear furnace piping.
- Fill rail trenches and subsidence on the reactor pad north of Building 3210 with grout.
- Demolish Building 3210, the concrete shield wall, and the nuclear furnace piping and tanks. Grout all remaining penetrations in the basement. Place as much demolition debris as space allows in the remaining basement structure. Dispose of remaining demolition debris in an appropriate onsite landfill.
- As a best management practice, demolish Building 3211 (moveable shed) and dispose of demolition debris in an appropriate onsite landfill.
- Place grout/concrete over the basement.
- Perform final radiological surveys and characterize remaining concrete slabs within the immediate vicinity of the CASs, including the reactor pad north of Building 3210.
- Install radiological postings and use restriction (UR) warning signs.

Closure activities generated waste streams including non-hazardous sanitary waste, hydrocarbon waste, low-level waste, asbestiform low-level waste, hazardous waste, *Toxic Substances Control Act* regulated waste, mixed waste, radioactive polychlorinated biphenyl bulk product waste, used oil, and universal waste. Waste minimization activities included segregation of waste streams, recycling, and size reduction. Some wastes exceeded land disposal restriction limits and required offsite treatment prior to disposal. Other wastes meeting land disposal restrictions were disposed in appropriate onsite or offsite landfills. Waste disposition documentation is included as Appendix B of this report.

Radiological surveys and In Situ Object Counting System analysis of the remaining concrete slabs within the immediate vicinity of the CASs were performed to determine proper radiological postings and delineate the UR. This included the reactor pad north of Building 3210. UR documentation is included as Appendix C of this report. The proposed post-closure requirements consist of annual inspections to determine the condition of postings. The post-closure plan is presented in detail in Section 5.2.

NNSA/NSO requests the following:

- A Notice of Completion from the Nevada Division of Environmental Protection to NNSA/NSO for closure of CAU 116
- The transfer of CAU 116 from Appendix III to Appendix IV, Closed Corrective Action Units, of the FFACO

1.0 INTRODUCTION

This Closure Report (CR) documents closure activities for Corrective Action Unit (CAU) 116, Area 25 Test Cell C Facility, according to the *Federal Facility Agreement and Consent Order* (FFACO) that was agreed to by the State of Nevada; the U.S. Department of Energy (DOE), Environmental Management; the U.S. Department of Defense; and DOE, Legacy Management (FFACO, 1996 [as amended March 2010]). CAU 116 consists of the following two Corrective Action Sites (CASs), located in Area 25 of the Nevada National Security Site (NNSS) (Figure 1):

- CAS 25-23-20, Nuclear Furnace Piping
- CAS 25-41-05, Test Cell C Facility

CAS 25-41-05 consisted of Building 3210 and the attached concrete shield wall. CAS 25-23-20 consisted of the nuclear furnace piping and tanks.

1.1 PURPOSE

This CR provides documentation and justification for closure of CAU 116 without further corrective action. This justification is based on implementation of corrective actions in accordance with Revision 1 of the Streamlined Approach for Environmental Restoration (SAFER) Plan for CAU 116 (U.S. Department of Energy, National Nuclear Security Administration Nevada Site Office [NNSA/NSO], 2008). The SAFER Plan provides information relating to site history as well as the scope and planning of the investigation. This CR provides a summary of completed closure activities, documentation of waste disposal, and data to confirm that the remediation goals were met.

1.2 SCOPE

The scope of closure for CAU 116 included the following activities:

- Characterize, remove, and dispose of all hazardous and/or regulated materials from Building 3210 and the nuclear furnace piping.
- Fill rail trenches and subsidence on the reactor pad north of Building 3210 with grout.
- Demolish Building 3210, the concrete shield wall, and the nuclear furnace piping and tanks. Grout all remaining penetrations in the basement. Place as much demolition debris as space allows in the remaining basement structure. Dispose of remaining demolition debris in an appropriate onsite landfill.
- As a best management practice, demolish Building 3211 (moveable shed) and dispose of demolition debris in an appropriate onsite landfill.
- Place grout/concrete over the basement.
- Perform final radiological surveys and characterize remaining concrete slabs within the immediate vicinity of the CASs, including the reactor pad north of Building 3210.
- Install radiological postings and use restriction (UR) warning signs.

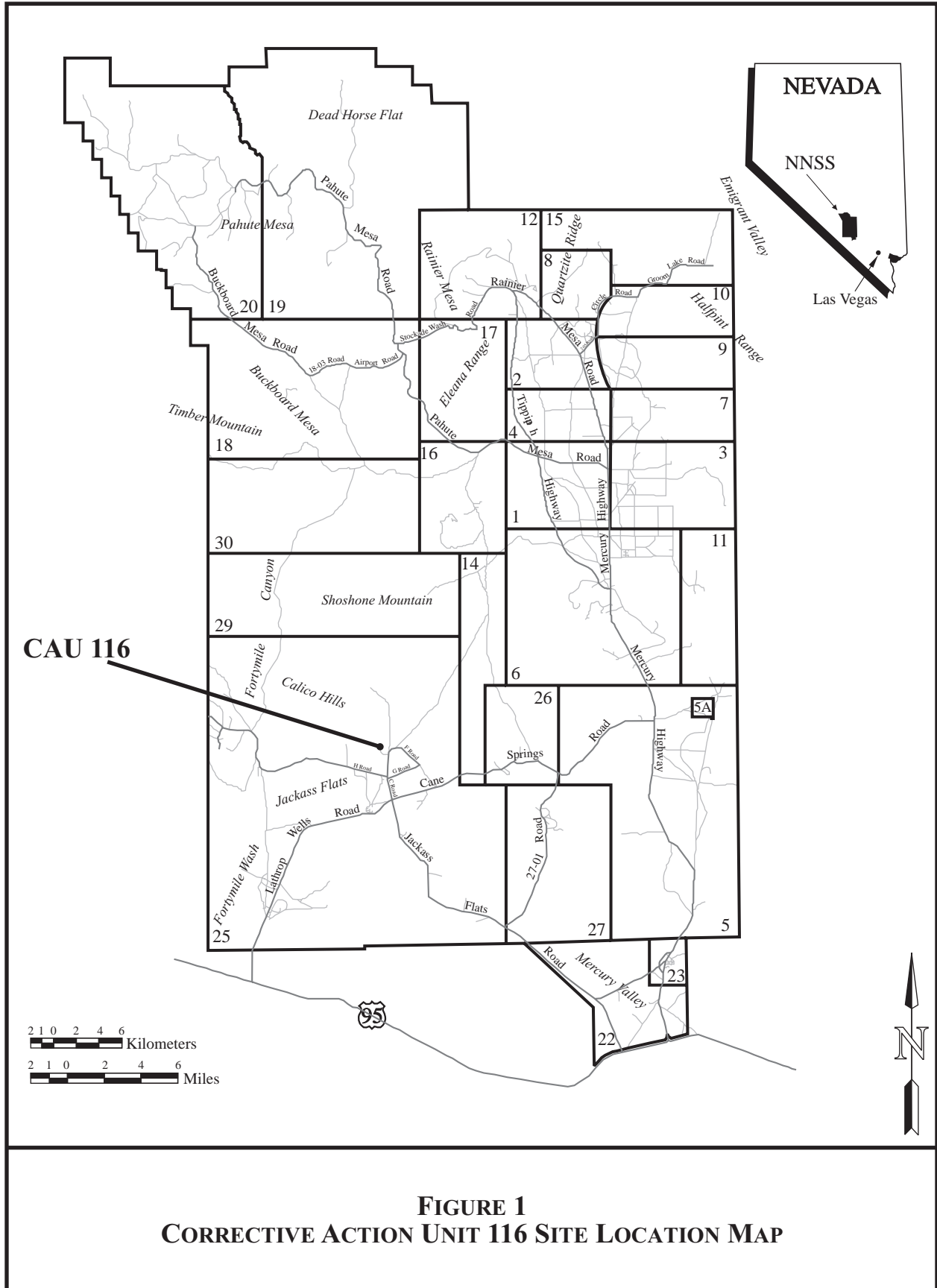


FIGURE 1
CORRECTIVE ACTION UNIT 116 SITE LOCATION MAP

1.3 CLOSURE REPORT CONTENTS

This CR includes the following sections:

- Section 1.0: Introduction
- Section 2.0: Closure Activities
- Section 3.0: Waste Disposition
- Section 4.0: Closure Verification Results
- Section 5.0: Conclusions and Recommendations
- Section 6.0: References
- Appendix A: Data Quality Objectives
- Appendix B: Waste Disposition Documentation
- Appendix C: Use Restriction Documentation
- Appendix D: Site Closure Photographs
- Library Distribution List

1.3.1 Applicable Programmatic Plans and Documents

Closure activities were performed in accordance with the following documents:

- Revision 1 of the SAFER Plan for CAU 116 (NNSA/NSO, 2008)
- FFACO (1996, as amended March 2010)
- *Nevada Test Site Radiological Control Manual* (National Security Technologies, LLC [NSTec], 2010)
- *Industrial Sites Quality Assurance Project Plan (QAPP)* (U.S. Department of Energy, National Nuclear Security Administration Nevada Operations Office [NNSA/NV], 2002)

1.3.2 Data Quality Objectives

Data quality objectives (DQOs) developed for site characterization of CAU 116 were presented in Revision 1 of the SAFER Plan for CAU 116 (NNSA/NSO, 2008) and are included as Appendix A of this report. The DQOs were developed to identify data needs, clearly define the intended use of the data, and design a data collection program that will satisfy these purposes.

To address the problem statement for CAU 116, “Additional information is required to verify existing information, confirm the existence of contamination and/or waste, and affirm the closure decision,” the resolution of two decision statements was required:

- Decision I: “Is waste present and/or is contamination present above action levels?”
- Decision II: “After removal of hazardous/regulated waste, demolition of the buildings, and removal of transferable radioactive contamination, does the risk to personnel and the environment justify the removal of the remaining radiological contamination?”

A conceptual site model (CSM) was developed to describe the most probable scenario for current conditions at the site and defines the assumptions that are the basis for identifying an appropriate sampling strategy and data collection methods. The CSM for CAU 116 is a contaminated

facility that contains waste and contaminated materials. To confirm the CSM and define the nature and extent of contamination, data were collected and analyzed from locations most likely to contain contamination (judgmental sampling approach). The analytical suite selected was adequate to detect contaminants present in the samples at or below action levels.

The following decision rules were developed to satisfy the decision statements:

- Decision I
 - If waste or contamination above action levels is present, then the practicality of its removal will be determined.
 - If no waste or contamination above action levels is present, then the material in question will be considered sanitary waste.
- Decision II
 - All hazardous/regulated waste and transferable radiological contamination will be removed and disposed.
 - Any radiological contamination that is not practical to remove based on the risk assessment (e.g., activated concrete) will be closed in place or posted per the Radiological Control Manual (NSTec, 2010).

1.3.3 Data Quality Assessment

The data quality assessment (DQA) presented in Section 4.1 includes an evaluation of the data quality indicators to determine the degree of acceptability and usability of the reported data in the decision-making process. The DQO process ensures that the right type, quality, and quantity of data will be available to support the resolution of those decisions at an appropriate level of confidence. Using both the DQO and DQA processes helps to ensure that DQO decisions are sound and defensible.

Based on the results of the DQA presented in Section 4.1, the information generated during the investigation supports the CSM assumptions, and the data collected meet the DQOs and support their intended use in the decision-making process.

2.0 CLOSURE ACTIVITIES

This section summarizes the closure activities performed for CAU 116, any deviations from the original scope of work, the schedule of completed field work, and the final site plan.

2.1 DESCRIPTION OF CORRECTIVE ACTION ACTIVITIES

The following sections provide a detailed description of the closure activities completed for CAU 116. Closure activities began in January 2007 and were completed in August 2011. Photographs in Appendix D of this report document the state of the site before corrective actions were implemented, field work in progress, and the site conditions after completion of work.

2.1.1 Preplanning and Site Preparation

Closure activities were completed in accordance with Revision 1 of the SAFER Plan for CAU 116 (NNSA/NSO, 2008). Prior to closure activities, the following documents were prepared:

- *National Environmental Policy Act Checklist*
- *Site-Specific Health and Safety Plan*
- *Field Management Plan*
- *NNSA/NSO Real Estate/Operations Permit*
- *Work control packages*
- *Sampling and Analysis Plans*
- *Radiological Survey Plans*

2.1.2 Hantavirus Cleanup

Prior to beginning closure activities and throughout closure activities as needed, potential hantavirus-bearing rodent droppings were treated, removed, and disposed. Hantavirus waste from radiologically posted areas was managed and disposed as low-level waste (LLW). Three 2.92-cubic meter (m³) B-25 boxes of hantavirus waste were transported to the Area 5 Radioactive Waste Management Site (RWMS) for disposal as LLW. Waste generated outside radiologically posted areas was radiologically surveyed. Survey results indicated that the waste was free of radiological impact, and the waste was disposed as sanitary waste.

2.1.3 Radiological Surveys

Radiological surveys were performed prior to and throughout closure activities to determine the presence of contamination, ensure that no contamination was migrating from posted areas, verify the effectiveness of and guide decontamination activities, monitor worker exposure, and determine final waste disposition. All portable survey instruments were calibrated to a known radiological source on a daily basis. Radiological survey reports were completed following procedures outlined in the *Nevada Test Site Radiological Control Manual* (NSTec, 2010). Calibration records, copies of the radiological survey reports, and supporting documentation are on file in the Radiological Control offices in Mercury, Nevada, and are available upon request.

2.1.4 Housekeeping Activities

Housekeeping cleanup activities, including trash removal and sanitary debris pickup, were performed prior to and throughout closure activities. Eight end dump truck loads and four 15-m³ roll-off containers of housekeeping debris were transported to the Area 9 U10c Sanitary Landfill for disposal. In addition, three 10-m³ burrito bags and two 36-m³ transportainers of housekeeping debris and one stainless steel stack were transported to the Area 5 RWMS for disposal as LLW, and one 10-m³ burrito bag of housekeeping debris was transported to the Area 5 RWMS for disposal as radioactive polychlorinated biphenyl (PCB) bulk product waste.

2.1.5 Characterization, Removal, and Disposal of Hazardous and/or Regulated Waste

All hazardous and/or regulated materials were removed from Building 3210 and the nuclear furnace piping. Materials were characterized as needed for disposal or recycling.

2.1.5.1 Fluids and Piping

All piping and equipment was inspected for the presence of residual gases, fluids, and pressure before cutting or removal activities. Fluids were drained or pumped from all piping, equipment, sumps, and wells associated with Building 3210 and the nuclear furnace piping. Fluids were containerized, characterized, and disposed or recycled as appropriate.

Gases from 36 accumulators were vented to the atmosphere. Approximately 25 gallons (gal) of fire system water were drained and discharged to the ground. Approximately 240 gal of water pumped from the basement sumps, wells, and deionizers were packaged in five 55-gal drums and transported to the Area 23 Sewage Lagoon for disposal. Approximately 30 gal of used oil and rain water were packaged in two 55-gal drums and solidified with clean soil. The drums were packaged in one of the roll-off containers of housekeeping debris that were transported to the Area 9 U10c Sanitary Landfill for disposal.

Approximately 1 gal of oil was drained, packaged in a 5-gal plastic drum, and transported to the Area 6 Hydrocarbon Landfill for disposal. Approximately 45 gal of borated water were drained, packaged in a 55-gal drum, and transported to the Area 6 Hydrocarbon Landfill for disposal.

Approximately 1 quart of hydraulic oil that leaked from a pipe during demolition of Building 3210 was solidified with soil, packaged in a B-25 box, and transported to the Area 5 RWMS for disposal as hydrocarbon-burdened LLW.

Approximately 195 gal of borated water containing arsenic were drained, packaged in four 55-gal drums, and transported off site for treatment and disposal as hazardous waste (HW). Approximately 395 gal of hydraulic oil containing arsenic were drained, packaged in eight 55-gal drums, and transported off site for treatment and disposal as HW. Approximately 330 gal of motor oil containing arsenic were drained, packaged in six 55-gal drums, and transported off site for treatment and disposal as HW. Personal protective equipment (PPE) and spill pads contaminated with arsenic were packaged in five 55-gal drums and transported off site for treatment and disposal as HW.

Approximately 40 gal of used oil from equipment used during demolition were transferred to NSTec Fleet Services for recycling.

2.1.5.2 *Asbestos-Containing Material*

Roofing material on Building 3210 that was determined to be asbestos-containing material (ACM) was removed and double bagged. Piping insulated with friable asbestos was removed from throughout Building 3210 and the nuclear furnace and double wrapped in plastic. Radiological surveys established that the roofing material and pipe insulation was radiologically impacted. The waste was packaged in five 2.92-m³ B-25 boxes and one 55-gal drum and transported to the Area 5 RWMS for disposal as asbestiform LLW.

In addition, radiologically impacted pipe insulation covered with cadmium foil was removed and double bagged. Three 4.65-m³ macroencapsulation boxes of cadmium foil and ACM were transported to the Area 5 RWMS for treatment and disposal as mixed waste (MW).

2.1.5.3 *Lead*

Solid lead in the form of sheets, doors, bricks, plugs, and wool was used as shielding material throughout Building 3210. Lead collars, lead-containing circuit boards, lead sand fuses, and lead radium dials were also present in the facility. Lead-containing materials were removed throughout the duration of closure activities and surveyed for radiological contamination.

Lead-containing circuit boards, plugs, bricks, wool, radium dials, and sand fuses determined to be radiologically impacted were removed from Building 3210 for treatment and disposal as MW. In addition, radiologically impacted paint chips located on the roof of Building 3210 contained lead and PCBs. The roof was vacuumed with a high-efficiency particulate air (HEPA) vacuum to remove loose paint chips, and the HEPA vacuums and paint chips were treated and disposed as MW. Two 55-gal drums and two 4.65-m³ macroencapsulation boxes containing lead items were transported to the Area 5 RWMS for treatment and disposal as MW. One 4.65-m³ macroencapsulation box of miscellaneous radiologically impacted lead items and ACM was transported to the Area 5 RWMS for disposal as MW.

Lead-containing items determined to be free of radiological contamination were packaged and transported to a permitted offsite facility for treatment and disposal as HW. One 55-gal drum of lead collars and four 15-m³ roll-off containers of circuit boards were disposed as HW.

Solid lead items will be recycled. A total of approximately 17,000 pounds of lead bricks, sheets, and doors are currently being stored at Building 153 in Area 23 for future recycling.

2.1.5.4 *Mercury*

Mercury items, including thermometers, thermostats, switches, and other miscellaneous items were removed throughout the duration of closure activities and containerized in drums. The items were surveyed and determined to be free of radiological contamination. Two 55-gal drums and one 5-gal plastic drum of mercury items were transported to a permitted offsite facility for treatment and disposal as HW.

2.1.5.5 *Polychlorinated Biphenyls*

Fluorescent light ballasts and capacitors containing PCBs were removed throughout the duration of closure activities. One 55-gal drum of leaking PCB ballasts, one 55-gal drum of non-leaking PCB ballasts, and two 55-gal drums of PCB capacitors were transported to a permitted offsite facility for treatment and disposal.

2.1.5.6 Universal Waste

Fluorescent light bulbs and metal halide lamps were removed from Building 3210 and managed as universal waste (UW). Four fiber containers containing 74 fluorescent light bulbs and 157 metal halide lamps were transported to an offsite facility for recycling.

2.1.6 Grouting Trenches

The rail trenches and areas of subsidence on the reactor pad north of Building 3210 were filled with grout on January 22, 2008.

2.1.7 Demolition of Building 3211 (Moveable Shed)

Demolition of Building 3211 and disposal of demolition debris was conducted from June 11 to July 16, 2009. Building 3211 was pulled to the ground and size reduced using shears. The debris was packaged in ten burrito bags and disposed at the Area 5 RWMS as radioactive PCB bulk product waste. A total of 96 m³ of demolition debris was generated from Building 3211.

2.1.8 Demolition of Nuclear Furnace Piping and Tanks

Demolition and disposal of the nuclear furnace piping and tanks was conducted from June 11 to September 29, 2009. The nuclear furnace piping and eight associated tanks were dismantled and either packaged in burrito bags or transportainers or transported in bulk for disposal at the Area 5 RWMS as radioactive PCB bulk product waste. A B-25 box containing valves and a gear box was also disposed at the Area 5 RWMS. A total of 171 m³ of waste was generated from the nuclear furnace piping and associated tanks.

2.1.9 Demolition of Building 3210 and the Concrete Shield Wall

Prior to demolition of Building 3210, all remaining pipe ends, floor drains, and other openings in the basement were sealed with grout. Building 3210 and the concrete shield wall were demolished using conventional methods. During demolition activities, radiological surveys were performed on the demolition debris.

Demolition debris was considered radioactive PCB bulk product waste as a result of legacy dried paint containing PCBs at concentrations greater than 50 parts per million and residual radiological contamination in the building. Approximately 1,350 m³ of radioactive and PCB-impacted debris were placed in the basement of Building 3210. Remaining debris was packaged and disposed. Concrete demolition debris, decontamination waste, soil used for berms around the work zone, and PPE were packaged in lined intermodal containers. Metal debris was packaged in burrito bags. A total of 1,376 m³ of waste was transported to the Area 5 RWMS from December 13, 2010, through March 29, 2011, for disposal as radioactive PCB bulk product waste.

2.1.10 Grouting Basement

After the basement was filled with radioactive and PCB-impacted building debris, a minimum of 1 foot (ft) of grout/concrete was placed over the basement.

2.1.11 Final Radiological Surveys and In Situ Object Counting System Characterization of Concrete Surfaces

After demolition activities were complete and all waste was removed from the area, radiological surveys were performed to document final site conditions and establish appropriate radiological controls. In addition, In Situ Object Counting System (ISOCS) measurements of the concrete reactor pad north of Building 3210 were collected. Figure 2 shows the ISOCS measurement locations.

The ISOCS was used to measure the concentration of europium-152, an activation product, to determine whether or not the pad is activated. Although not an activation product, the concentration of cesium-137 was also measured for instrument check purposes. The action levels and ISOCS measurement results for europium-152 and cesium-137 are listed in Table 1. As defined in Revision 1 of the SAFER Plan for CAU 116 (NNSA/NSO, 2008), the action levels are based on the National Council on Radiation Protection (NCRP) Report No. 129 (NCRP, 1999) scaled to a dose constraint of 25 millirems per year (Murphy, 2004).

ISOCS results for europium-152 above the action level indicate a portion of the pad is radiologically activated. Cesium-137 was also detected above the action level at three locations. Historical photographs show that only the portion of the pad immediately north of Building 3210 was present during the majority of the testing activities. The remainder of the pad was installed at a later date. ISOCS results show that only the original portion of the pad is activated above action levels.

2.1.12 Installation of Postings

Due to radiological activation of the reactor pad and remaining radiological and PCB-impacted debris in the basement of Building 3210, a UR was established. The UR includes the original portion of the concrete reactor pad north of Building 3210 and the basement of Building 3210. UR warning signs were installed to delineate the UR according to the FFACO Use Restriction Posting Guidance (FFACO, 2003). Figure 2 shows the boundary of the UR. In addition, the basement of Building 3210 was posted as an Underground Radioactive Material Area. The fence line of the Test Cell C Facility remains posted as a Radioactive Material Area (RMA).

2.1.13 Remaining Investigation and Closure Work within the Test Cell C Facility

Contamination in the concrete and soil located outside the boundary of the UR that resulted from activities at Test Cell C will be investigated and closed under CAS 25-99-22, Ancillary Facilities, which is in CAU 572, Test Cell C Ancillary Building and Structures. Investigation of this CAS will include soil beneath existing concrete pads, concrete surfaces outside the boundary of the UR, and surface and subsurface soil within the fence line of the Test Cell C Facility.

2.2 DEVIATIONS FROM THE PLAN AS APPROVED

Deviations from Revision 1 of the SAFER Plan for CAU 116 (NNSA/NSO, 2008) were not required.

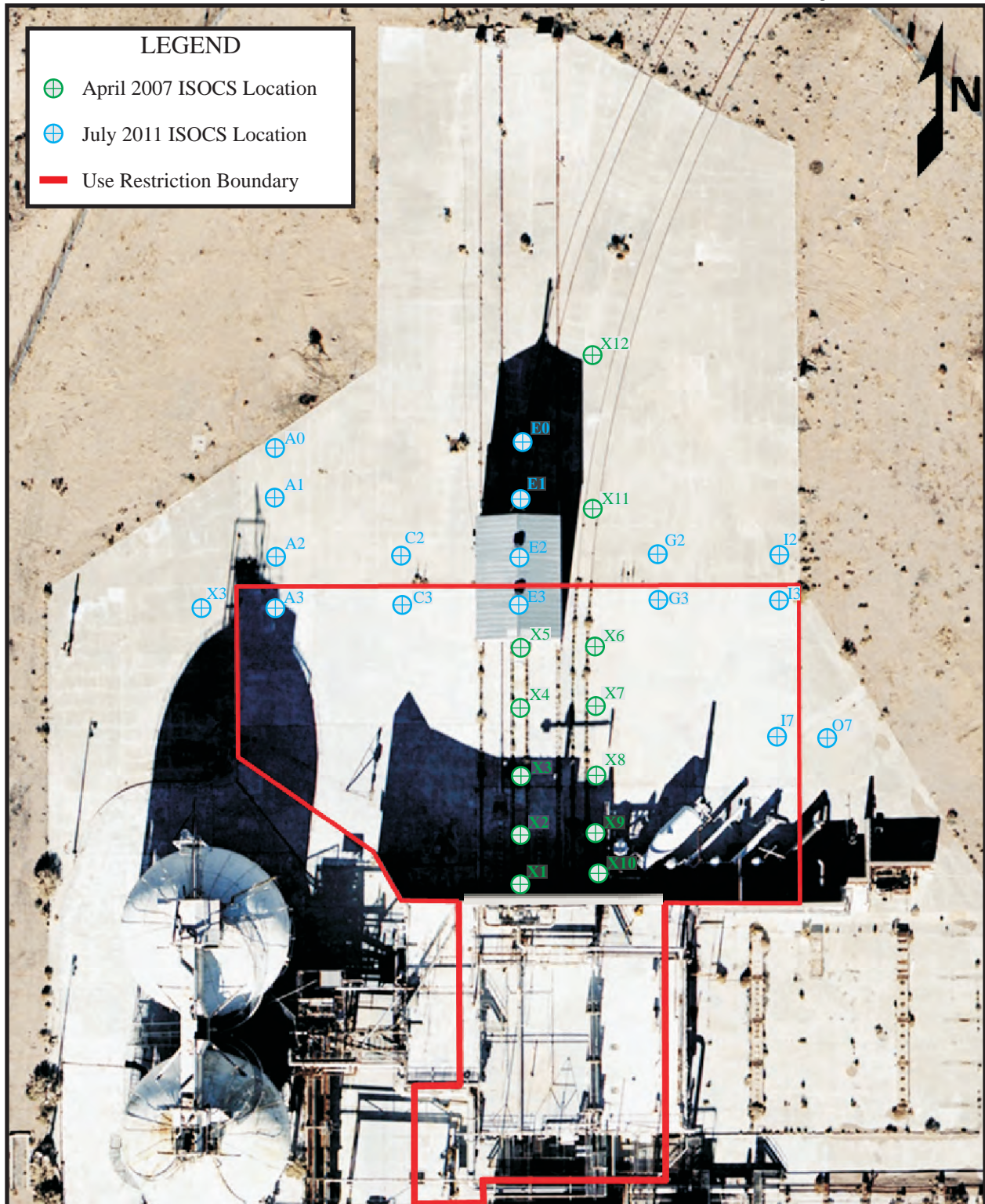


FIGURE 2
CORRECTIVE ACTION UNIT 116 ISOCS LOCATIONS AND
USE RESTRICTION BOUNDARY

TABLE 1. IN SITU OBJECT COUNTING SYSTEM RESULTS

DATE OF MEASUREMENT	MEASUREMENT LOCATION	EUROPIUM-152 (PCI/G)	CESIUM-137 (PCI/G)
		Action Level = 5.67 pCi/g	Action Level = 12.2 pCi/g
April 2007	X1	3.4	3.8
	X2	7.3	11.4
	X3	50.3	34.8
	X4	24.2	12.1
	X5	13.4	24.3
	X6	13.4	5.2
	X7	21.8	3.8
	X8	45.6	7.6
	X9	104.8	8.3
	X10	110.8	46.1
	X11	1.1	1.9
	X12	0.8	0.4
July 2011	X3	0.8	Not Detected
	A0	0.7	0.8
	A1	0.7	1.1
	A2	1.0	1.0
	A3	3.6	0.8
	C2	1.3	1.2
	C3	4.6	0.6
	E0	0.8	1.4
	E1	1.0	1.4
	E2	1.5	1.2
	E3	12.8	0.7
	G2	1.1	0.8
	G3	9.4	2.0
	I2	1.2	Not Detected
	I3	7.4	0.4
I7	12.5	0.8	
O7	1.2	0.2	

pCi/g: picocurie(s) per gram

2.3 CORRECTIVE ACTION SCHEDULE AS COMPLETED

Closure activities began in January 2007 and were completed in August 2011. Details of the schedule are provided in Table 2.

TABLE 2. CORRECTIVE ACTION UNIT 116 CLOSURE ACTIVITIES SCHEDULE

ACTIVITY	START	END
Removal of Hazardous and/or Regulated Waste	January 2007	January 2011
Pipe Draining	April 2007	December 2007
Grouting Trenches	January 2008	January 2008
Asbestos Abatement	September 2008	December 2008
Demolition of Building 3211 (Moveable Shed)	June 2009	July 2009
Demolition of Nuclear Furnace Piping and Tanks	June 2009	September 2009
Demolition of Building 3210 and the Concrete Shield Wall	November 2010	March 2011
Grouting Basement	March 2011	April 2011
Radiological Surveys and ISOCS Characterization of Concrete Surfaces	June 2011	July 2011
Installation of Postings	April 2011	September 2011

2.4 SITE PLAN/SURVEY PLAT

Remaining radiological contamination in the grouted basement of Building 3210 and activated concrete on the reactor pad north of Building 3210 was closed in place with administrative controls (i.e., a UR was implemented). Figure 2 shows the boundary of the UR. The Use Restriction Information form is included in Appendix C of this report.

3.0 WASTE DISPOSITION

This section describes the waste streams generated during closure activities and their final disposition. Waste streams generated included non-hazardous sanitary waste, hydrocarbon waste, LLW, asbestiform LLW, HW, *Toxic Substances Control Act* (TSCA) waste, MW, radioactive PCB bulk product waste, used oil, and UW.

3.1 WASTE MINIMIZATION

Industry standard waste minimization practices were applied throughout the course of closure activities. These practices included:

- Using highly efficient industry standard decontamination tools to remove radiologically impacted material.
- Using field instrumentation (i.e., survey instruments, ISOCS analysis) to identify the areas requiring decontamination.
- Using laboratory analysis and ISOCS to correctly characterize and classify waste streams.
- Recycling items that have potential for future use, including lead bricks, sheets, and doors; used oil; and fluorescent light bulbs and tubes.

3.2 WASTE MANAGEMENT

All waste was characterized and managed according to federal and state regulations, DOE orders, and NSTec procedures. Waste disposition is summarized in Table 3 and discussed in detail in the following sections. Waste disposition documentation is included in Appendix B.

Waste management areas (WMAs) were established throughout the project, as needed. All WMAs were identified with appropriate signs and boundaries to restrict unauthorized access. The WMAs were inspected on a weekly or monthly basis, as required, to ensure that all containers were intact, not leaking, and not exceeding storage duration times as specified by regulations and procedures. Applicable WMAs were posted as RMAs whenever radiological waste was stored in the area. Upon removal of radiologically impacted waste, the RMA was surveyed and de-posted.

Waste containers were purchased either new or reconditioned. All containers were inspected prior to use to verify that they were in good condition (e.g., no leaks, rust, or dents), lined or made of material that would not react with the waste, and met U.S. Department of Transportation requirements. The containers remained closed while stored unless waste was being added or removed. Containers were also handled in such a manner that the integrity of the container was not compromised. Drums containing liquid regulated waste were stored on spill containment pallets. Appropriate labels were affixed and relevant information was marked on the containers with an indelible marker. All information was legible and clearly visible.

TABLE 3. CORRECTIVE ACTION UNIT 116 WASTE DISPOSITION SUMMARY

WASTE STREAM	DESCRIPTION OF WASTE	VOLUME	WASTE CONTAINER	DATE OF DISPOSAL	DISPOSITION DOCUMENTATION	DISPOSITION
Sanitary Waste	Housekeeping debris	15 m ³	One end dump truck load (double bagged)	11/26/2007	Landfill Load Verification Forms	Disposed at the Area 23 Sanitary Landfill
		120 m ³	Eight end dump truck loads (unpacked)	03/01/2007 (one load), 03/05/2007 (two loads), 03/26/2007 (three loads), 01/24/2008 (two loads)	Landfill Load Verification Forms	Disposed at the Area 9 U10c Sanitary Landfill
		60 m ³	Four roll-offs	12/28/2010, 04/12/2011, 06/13/2011, 07/21/2011		
	Water pumped from basement sumps, wells, and deionizers	240 gal	Five drums	02/23/2011	None	Disposed at the Area 23 Sewage Lagoon
Hydrocarbon Waste	Oil	1 gal	One drum	05/22/2008	Landfill Load Verification Forms	Disposed at the Area 6 Hydrocarbon Landfill
	Borated water	45 gal	One drum			
LLW	Hantavirus waste	9 m ³	Three B-25 boxes	12/10/2008	Certificates of Disposal	Disposed at the Area 5 RWMS
	Housekeeping debris	30 m ³	Three burrito bags	10/04/2010 – 10/12/2010		
		0.5 m ³	Stainless steel stack (unpacked)	10/18/2010		
		70 m ³	Two transportainers	02/02/2011		
	Hydraulic oil and soil	3 m ³	One B-25 box	06/08/2011		
	Decontamination waste, PPE, and heavy equipment filters	12 m ³	Four B-25 boxes			
Concrete cores removed during installation of UR signs around the reactor pad	110 gal	Two drums	09/14/2011			

TABLE 3. CORRECTIVE ACTION UNIT 116 WASTE DISPOSITION SUMMARY (CONTINUED)

WASTE STREAM	DESCRIPTION OF WASTE	VOLUME	WASTE CONTAINER	DATE OF DISPOSAL	DISPOSITION DOCUMENTATION	DISPOSITION
Asbestiform LLW	Radiologically impacted roofing material and pipe insulation	15 m ³	Five B-25 boxes	09/23/2009 (two boxes), 02/07/2011 (two boxes), 06/20/2011 (one box)	Certificates of Disposal	Disposed at the Area 5 RWMS
		55 gal	One drum	09/23/2009		
HW	Borated water containing arsenic	195 gal	Four drums	05/29/2008	Uniform HW Manifest #000956096 (Lines 31 and 41)	Treated and disposed by U.S. Ecology in Beatty, NV
	Hydraulic oil containing arsenic	395 gal	Eight drums			
	Motor oil containing arsenic	330 gal	Six drums			
	PPE and spill pads containing arsenic	275 gal	Five drums			
	Lead collars	55 gal	One drum	01/27/2009	Uniform HW Manifest #000956143 (Line 21)	
	Lead-containing circuit boards	30 m ³	Two roll-offs	11/22/2010	Uniform HW Manifest #000956228 (Line 1)	
		30 m ³	Two roll-offs	12/15/2010	Uniform HW Manifest #000956229 (Line 1)	
	Mercury items	55 gal	One drum	05/29/2008	Uniform HW Manifest #000956096 (Line 4)	
		55 gal	One drum	01/27/2009	Uniform HW Manifest #000956143 (Line 20)	
5 gal		One plastic drum	02/16/2011	Uniform HW Manifest #000956230 (Line 19)		
TSCA Waste	Non-leaking PCB ballasts	55 gal	One drum	08/27/2007	Uniform HW Manifest #000956043 (Line 1)	Treated and disposed by U.S. Ecology in Beatty, NV
	PCB capacitors	110 gal	Two drums	07/22/2008	Uniform HW Manifest #000956098 (Line 3)	
	Leaking PCB ballasts	55 gal	One drum	02/16/2011	Uniform HW Manifest #000956230 (Line 6)	

TABLE 3. CORRECTIVE ACTION UNIT 116 WASTE DISPOSITION SUMMARY (CONTINUED)

WASTE STREAM	DESCRIPTION OF WASTE	VOLUME	WASTE CONTAINER	DATE OF DISPOSAL	DISPOSITION DOCUMENTATION	DISPOSITION
MW	Radiologically impacted lead wool, radium dials, and ACM pipe insulation covered with cadmium foil	14 m ³	Three macroencapsulation boxes	03/26/2009	Certificates of Disposal	Treated and disposed at the Area 5 RWMS
	Radiologically impacted lead-containing circuit boards, lead plugs, lead bricks, lead sand fuses, HEPA vacuums, and paint chips from the roof of Building 3210	5 m ³	One macroencapsulation box	02/07/2011		
	Radiologically impacted lead-containing circuit boards	110 gal	Two drums	06/01/2011		
	Radiologically impacted lead items and ACM	5 m ³	One macroencapsulation box	08/31/2011		
Radioactive PCB Bulk Product Waste	Building 3211 demolition debris	96 m ³	Ten burrito bags	07/07/2009 – 07/16/2009	Certificates of Disposal	Disposed at the Area 5 RWMS
	Nuclear furnace piping and tanks	20 m ³	Two burrito bags	08/13/2009 – 09/29/2009		
		70 m ³	Two transportainers			
		78 m ³	Seven bulk shipments (unpackaged)			
	Valves and gear box	3 m ³	One B-25 box			
	Housekeeping debris	10 m ³	One burrito bag	10/04/2010		
	Building 3210 and shield wall concrete demolition debris, decontamination waste, and berm soil	846 m ³	141 intermodal liners	12/13/2010 – 03/29/2011		
Building 3210 metal debris	530 m ³	53 burrito bags				
Used Oil	Used oil from equipment used during demolition	40 gal	One drum	04/07/2011	None	Transferred to NSTec Fleet Services for recycling

TABLE 3. CORRECTIVE ACTION UNIT 116 WASTE DISPOSITION SUMMARY (CONTINUED)

WASTE STREAM	DESCRIPTION OF WASTE	VOLUME	WASTE CONTAINER	DATE OF DISPOSAL	DISPOSITION DOCUMENTATION	DISPOSITION
UW	74 fluorescent light bulbs and 157 metal halide lamps	N/A	Four fiber containers	05/29/2008	Uniform HW Manifest #000956096 (Lines 67 and 68)	Recycled by U.S. Ecology in Beatty, NV
Recycle	Lead bricks, sheets, and doors	17,000 pounds	Unpackaged	N/A	None	Transported to Building 153 in Area 23 for storage prior to recycling

ACM: asbestos-containing material
 gal: gallon(s)
 HEPA: high-efficiency particulate air
 HW: hazardous waste
 LLW: low-level waste
 m³: cubic meter(s)
 MW: mixed waste
 NSTec: National Security Technologies, LLC
 PCB: polychlorinated biphenyl
 PPE: personal protective equipment
 RWMS: Radioactive Waste Management Site
 TSCA: *Toxic Substances Control Act*
 UR: use restriction
 UW: universal waste

3.3 WASTE STREAMS AND DISPOSAL

Waste streams generated during closure activities at CAU 116 included non-hazardous sanitary waste, hydrocarbon waste, LLW, asbestiform LLW, HW, TSCA waste, MW, radioactive PCB bulk product waste, used oil, and UW. Waste disposition is discussed in detail in the following sections. Waste disposition documentation is included in Appendix B.

3.3.1 Sanitary Waste

Approximately 180 m³ of sanitary debris were generated throughout closure activities. Eight end dump truck loads and four roll-off containers of debris were transported to the Area 9 U10c Sanitary Landfill for disposal. In addition, one load of sanitary asbestos waste was transported to the Area 23 Sanitary Landfill for disposal, and 240 gal of water pumped from basement sumps, wells, and deionizers were packaged in five 55-gal drums and transported to the Area 23 Sewage Lagoon for disposal.

3.3.2 Hydrocarbon Waste

Approximately 1 gal of oil in a 5-gal plastic drum and 45 gal of borated water in a 55-gal drum were transported to the Area 6 Hydrocarbon Landfill for disposal.

3.3.3 Low-Level Waste

Three B-25 boxes of hantavirus waste; 100 m³ of housekeeping debris, including three burrito bags, two transportainers, and one stainless steel stack; and two 55-gal drums of concrete cores that were removed from the reactor pad during installation of UR signs were transported to the Area 5 RWMS for disposal as LLW. Approximately 1 quart of hydraulic oil that leaked from a pipe during demolition of Building 3210 was solidified with soil, packaged in a B-25 box, and transported to the Area 5 RWMS for disposal as hydrocarbon-burdened LLW. Four B-25 boxes of heavy equipment decontamination materials, PPE, and filters from maintenance of heavy equipment were transported to the Area 5 RWMS for disposal as hydrocarbon-burdened LLW.

3.3.4 Asbestiform Low-Level Waste

Five B-25 boxes and one 55-gal drum of radiologically impacted roofing material and pipe insulation were transported to the Area 5 RWMS for disposal as asbestiform LLW.

3.3.5 Hazardous Waste

Approximately 195 gal of borated water containing arsenic packaged in four 55-gal drums, 395 gal of hydraulic oil containing arsenic packaged in eight 55-gal drums, 330 gal of motor oil containing arsenic packaged in six 55-gal drums, and PPE and spill pads contaminated with arsenic packaged in five 55-gal drums were transported to U.S. Ecology in Beatty, Nevada, on May 29, 2008, for treatment and disposal as HW. These 23 drums are listed on lines 31 and 41 of the Uniform HW Manifest for this shipment in Appendix B.

One 55-gal drum of lead collars was transported to U.S. Ecology in Beatty, Nevada, on January 27, 2009, for treatment and disposal as HW. This drum is listed on line 21 of the Uniform HW Manifest for this shipment in Appendix B. Two roll-off containers of circuit boards were transported to U.S. Ecology in Beatty, Nevada, on November 22, 2010, for

treatment and disposal as HW. These roll-offs are listed on line 1 of the Uniform HW Manifest for this shipment in Appendix B. Two roll-off containers of circuit boards were transported to U.S. Ecology in Beatty, Nevada, on December 15, 2010, for treatment and disposal as HW. These roll-offs are listed on line 1 of the Uniform HW Manifest for this shipment in Appendix B.

One 55-gal drum of mercury items was transported to U.S. Ecology in Beatty, Nevada, on May 29, 2008, for treatment and disposal as HW. This drum is listed on line 4 of the Uniform HW Manifest for this shipment in Appendix B. One 55-gal drum of mercury items was transported to U.S. Ecology in Beatty, Nevada, on January 27, 2009, for treatment and disposal as HW. This drum is listed on line 20 of the Uniform HW Manifest for this shipment in Appendix B. One 5-gal plastic drum of mercury items was transported to U.S. Ecology in Beatty, Nevada, on February 16, 2011, for treatment and disposal as HW. This drum is listed on line 19 of the Uniform HW Manifest for this shipment in Appendix B.

3.3.6 Toxic Substance Control Act Waste

One 55-gal drum of PCB ballasts was transported to U.S. Ecology in Beatty, Nevada, on August 27, 2007, for treatment and disposal as TSCA waste. This drum is listed on line 1 of the Uniform HW Manifest for this shipment in Appendix B. Two 55-gal drums of PCB capacitors were transported to U.S. Ecology in Beatty, Nevada, on July 22, 2008, for treatment and disposal as TSCA waste. These drums are listed on line 3 of the Uniform HW Manifest for this shipment in Appendix B. One 55-gal drum of leaking PCB ballasts was transported to U.S. Ecology in Beatty, Nevada, on February 16, 2011, for treatment and disposal as TSCA waste. This drum is listed on line 6 of the Uniform HW Manifest for this shipment in Appendix B.

3.3.7 Mixed Waste

Three macroencapsulation boxes of radiologically impacted lead wool, radium dials, and ACM pipe insulation covered with cadmium foil; one macroencapsulation box of radiologically impacted lead-containing circuit boards, lead plugs, lead bricks, lead sand fuses, HEPA vacuums, and paint chips from the roof of Building 3210; two 55-gal drums of radiologically impacted lead-containing circuit boards; and one macroencapsulation box of miscellaneous radiologically impacted lead items and ACM were transported to the Area 5 RWMS for treatment and disposal as MW.

3.3.8 Radioactive Polychlorinated Biphenyl Bulk Product Waste

Approximately 1,653 m³ of radioactive PCB bulk product waste were generated during demolition of Building 3211, the nuclear furnace piping and tanks, and Building 3210 and the concrete shield wall. Building 3211 demolition debris was packaged in ten burrito bags. The nuclear furnace piping and tanks were packaged in two burrito bags and two transportainers, and the remaining piping and tanks that were too large to be packaged were transported in seven bulk shipments. Valves and a gear box were packaged in a B-25 box. Concrete debris from demolition of Building 3210 and the shield wall was packaged in lined intermodal containers. Metal debris was packaged in burrito bags. Decontamination waste, soil used for berms around the work zone, and PPE were packaged in lined intermodal containers. In total, 141 intermodal liners and 53 burrito bags were disposed during demolition of Building 3210 and the concrete shield wall. In addition, housekeeping debris was packaged in one burrito bag. All radioactive PCB bulk product waste was disposed at the Area 5 RWMS.

3.3.9 Used Oil

Approximately 40 gal of used oil from equipment used during demolition were transferred to NSTec Fleet Services for recycling.

3.3.10 Universal Waste

Four fiber containers containing 74 fluorescent light bulbs and 157 metal halide lamps were transported to U.S. Ecology in Beatty, Nevada, on May 29, 2008, for recycling. These containers are listed on lines 67 and 68 of the Uniform HW Manifest for this shipment in Appendix B.

3.3.11 Recycle

Solid lead items will be recycled. A total of approximately 17,000 pounds of lead bricks, sheets, and doors are being stored for future recycling at Building 153 in Area 23.

4.0 CLOSURE VERIFICATION RESULTS

To document final site conditions and establish appropriate radiological controls, radiological surveys were performed. Photographs documenting site conditions before and after closure activities are included as Appendix D.

4.1 DATA QUALITY ASSESSMENT

Accurate and defensible analytical data were collected to verify that waste was properly characterized, managed, and disposed of during closure activities. The following sections describe the quality assurance (QA) and quality control (QC) procedures, data validation process, and a reconciliation of the CSM with actual findings during closure activities. More detail on the QA/QC procedures for CAU 116 can be found in Revision 1 of the SAFER Plan for CAU 116 (NNSA/NSO, 2008) and the QAPP (NNSA/NV, 2002).

4.1.1 Quality Assurance and Quality Control Procedures

Waste characterization samples were collected with disposable sampling equipment, placed in appropriately labeled containers secured with custody seals, labeled with unique sample numbers, placed on ice, and transported under strict chain of custody. Standard QA/QC samples were collected (i.e., one blind duplicate per batch). Samples were analyzed by certified contract laboratories. Analytical results were validated at the laboratory using stringent QA/QC procedures, including matrix spike/matrix spike duplicates, spiked surrogate recovery analysis, verification of analytical results, and data quality indicator requirements. Detailed information regarding the QA/QC program can be found in the QAPP (NNSA/NV, 2002).

4.1.2 Data Validation

Data validation was performed according to the QAPP (NNSA/NV, 2002), which is based on the U.S. Environmental Protection Agency (EPA) functional guidelines for data quality (EPA, 1994; 1999). Data were reviewed to ensure that waste characterization samples were appropriately processed and analyzed and that the results are valid. All waste characterization sample data were validated at the Tier I level.

No anomalies were discovered in the data that would discredit any of the sample results. Data met the required data quality indicators (i.e., precision, accuracy, sensitivity, completeness, comparability, and representativeness). The complete datasets, including validation reports, are maintained in the project files and available upon request.

4.1.3 Conceptual Site Models

The CSM was developed and presented in Revision 1 of the SAFER Plan for CAU 116 (NNSA/NSO, 2008). The CSM was based on process knowledge, historical background information, site analysis, and personnel interviews. The CSM assumed that the facility was radiologically impacted and that hazardous and regulated materials were present throughout the facility. The CSM was confirmed during closure activities.

4.2 USE RESTRICTION

Due to radiological activation of the reactor pad and remaining radiological and PCB-impacted debris in the grouted basement of Building 3210, a UR has been implemented for CAU 116. The UR includes the original portion of the concrete reactor pad north of Building 3210 and the basement of Building 3210. UR warning signs were installed to delineate the UR according to the FFACO Use Restriction Posting Guidance (FFACO, 2003). Figure 2 shows the boundary of the UR. The Use Restriction Information form is included in Appendix C of this report. Annual site inspections will be performed to ensure that all signs are in good repair and that the use restriction has been maintained. Details on the post-closure requirements are included in Section 5.2.

Contamination in the concrete and soil located outside the boundary of the UR that resulted from activities at Test Cell C will be investigated and closed under CAS 25-99-22, Ancillary Facilities, which is in CAU 572, Test Cell C Ancillary Building and Structures. Investigation of this CAS will include soil beneath existing concrete pads, concrete surfaces outside the boundary of the UR, and surface and subsurface soil within the fence line of the Test Cell C Facility.

5.0 CONCLUSIONS AND RECOMMENDATIONS

5.1 CONCLUSIONS

The following site closure activities were performed at CAU 116 as documented in this CR:

- All hazardous and/or regulated materials were removed and disposed from Building 3210 and the nuclear furnace piping.
- The rail trenches and subsidence on the reactor pad north of Building 3210 were filled with grout.
- All remaining penetrations in the basement of Building 3210 were filled with grout. Building 3210, the concrete shield wall, and the nuclear furnace piping and tanks were demolished. As much demolition debris as space allowed was placed in the remaining basement structure of Building 3210. Remaining demolition debris was disposed.
- As a best management practice, Building 3211 (moveable shed) was demolished, and demolition debris was disposed.
- A minimum of 1 ft of grout/concrete was placed over the basement.
- Final radiological surveys and ISOCS characterization were performed of remaining concrete slabs within the immediate vicinity of the CASs, including the reactor pad north of Building 3210.
- Radiological postings and UR warning signs were installed.

5.2 POST-CLOSURE REQUIREMENTS

Inspections will be performed annually to verify that the UR warning signs are in place and legible and that the UR is maintained. The interior of the UR area will be inspected to confirm there have been no disturbances to the area. Maintenance or repair needs that are identified, such as sign or post repair, will be completed prior to the following inspection and documented in writing at the time the work is done. Inspection results will be documented in the annual combined NNSS post-closure letter report. The report will include a discussion of observations and will describe any maintenance activities performed since the last inspection. A copy of the inspection checklist will be provided, and the field notes will be maintained in the project files. The letter report will be submitted to NDEP.

5.3 RECOMMENDATIONS

Since closure activities for CAU 116 have been completed following Revision 1 of the SAFER Plan for CAU 116 (NNSA/NSO, 2008) as documented in this CR, NNSA/NSO requests the following:

- A Notice of Completion from NDEP to NNSA/NSO for closure of CAU 116
- The transfer of CAU 116 from Appendix III to Appendix IV, Closed Corrective Action Units, of the FFACO

Contamination in the concrete and soil located outside the boundary of the UR that resulted from activities at Test Cell C will be investigated and closed under CAS 25-99-22, Ancillary Facilities, which is in CAU 572, Test Cell C Ancillary Building and Structures. Investigation of this CAS will include soil beneath existing concrete pads, concrete surfaces outside the boundary of the UR, and surface and subsurface soil within the fence line of the Test Cell C Facility.

6.0 REFERENCES

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APPENDIX A*

DATA QUALITY OBJECTIVES

**As presented and published in the approved Streamlined Approach for Environmental Restoration Plan for Corrective Action Unit 116: Area 25 Test Cell C Facility, Nevada Test Site, Nevada, 2008, DOE/NV--1132-REV.1. Las Vegas, NV.*

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3.0 DATA QUALITY OBJECTIVES

The DQO process is a seven-step strategic, systematic planning method based on the scientific method that was used to plan data collection and field investigation activities for CAU 116, Area 25 TCC. The seven steps of the DQO process presented in this report were developed in accordance with the U.S. Environmental Protection Agency (EPA) Guidance for the Data Quality Objectives Process (EPA, 2006). DQO are designed to ensure that the data collected will provide sufficient and reliable information to support the potential closure alternatives for CAU 116. Although sufficient information is available about the nature and extent of contamination at CAU 116 to suggest a closure activity, additional data is needed to verify the existing information, confirm the existence of contamination and/or waste, and affirm the closure decision.

During DQO discussions for CAU 116, data needed to resolve problem statements and decision statements were identified. Criteria for data collection and analysis were defined and agreed upon and the appropriate quality assurance (QA)/quality control (QC) required for particular data collection activities were assigned. The analytical methods and reporting limits prescribed through the DQO process and the data quality indicators (DQIs) for laboratory analysis, such as precision and accuracy requirements, are provided in more detail in Section 7.0 of this SAFER Plan.

3.1 SUMMARY OF DATA QUALITY OBJECTIVES ANALYSIS

3.1.1 State the Problem (Step 1)

Step 1 of the DQO process describes the problem to be studied and develops a CSM to gain a sufficient understanding to define the problem.

The problem statement for CAU 116 is: “Additional information is required to verify existing information, confirm the existence of contamination and/or waste, and affirm the closure decision.”

3.1.1.1 Conceptual Site Model

The CSM is used to organize and communicate information about site characteristics. It reflects the best interpretation of available information at any point in time. The CSM is based on historical documentation, personnel interviews, site process knowledge, site walk-downs, photographs, engineering drawings, field screening, and analytical results. The CSM describes the most probable scenario for current conditions at the site and defines the assumptions that are the basis for identifying an appropriate sampling strategy and data collection methods.

The CSM for CAU 116 is a contaminated facility that contains waste and contaminated materials. Waste includes equipment and materials from the nuclear rocket development era that contain hazardous constituents. CAU 116 includes all waste and contamination within the CAU boundary. Table 2 summarizes the anticipated site conditions and potential contaminants that define the CSM for CAU 116.

If additional CSM elements are identified during remediation that is outside the scope of the CSM, the situation will be reviewed and a recommendation will be made on how to proceed. In

such cases, the NDEP and the NNSA/NSO will be notified and given the opportunity to comment on, or concur with, the recommendation.

Table 2. Summary of Conceptual Site Model for CAU 116

ANTICIPATED CONTAMINANTS	PROBABLE LOCATION
Radionuclides	<ul style="list-style-type: none"> • Nuclear furnace piping • Building 3210 (roof, walls, floors, ducts, equipment) • Reactor pad • Shield wall • Possibly existing in, on, and around other buildings and structures within the TCC Facility boundary
PCBs	<ul style="list-style-type: none"> • Paint • Fluorescent light bulbs and ballasts • Hydraulic oil in equipment
Cadmium	<ul style="list-style-type: none"> • Foil around electrical cables
Mercury	<ul style="list-style-type: none"> • Electrical components • Circuit boards • Switches
Lead	<ul style="list-style-type: none"> • Circuit boards • Paint • Lead bricks • Lead wool • Shield doors
Asbestos	<ul style="list-style-type: none"> • Floor and ceiling tile • Piping insulation • Transite wallboard and boxes • Penetration filler (mastic) • Fire hoses
Freon/Glycol	<ul style="list-style-type: none"> • Chiller unit in Building 3210 • In pumps for the cooling towers in Building 3220

3.1.2 Identify the Decisions (Step 2)

Step 2 of the DQO process identifies the questions the study will attempt to resolve and what actions may result. The most probable closure decisions are identified below.

The *Decision I* statement is: “Is waste present and/or is contamination present above action levels?”

The *Decision II* statement is: “After removal of hazardous/regulated waste, demolition of the buildings, and removal of transferable radioactive contamination, does the risk to personnel and the environment justify the removal of the remaining radiological contamination?”

3.1.3 Identify the Inputs to the Decisions (Step 3)

Step 3 of the DQO process identifies the information needed, the sources of information, and sampling and analysis methods that can meet the data requirements.

3.1.3.1 Information Needs

In order to confirm the CSM and the nature and extent of contamination, data must be collected and analyzed using the following criteria:

- Data will be collected from locations most likely to contain contamination (judgmental sampling approach).
- The analytical suite selected will be adequate to detect contaminants present in the samples.

3.1.3.2 Sources of Information

Information needed to satisfy the decisions will be generated by collecting samples and conducting radiological surveys. Information generated will be in the following form:

Quantitative Data

Quantitative data measure the quantity or amount of a characteristic or component. These data require the highest level of QA/QC in collection and measurement systems because the intended use of the data is to resolve primary decisions and/or verify closure standards have been met. Laboratory analytical data are generally considered quantitative.

A judgmental (biased) sampling approach will be used. Samples will be collected from locations likely to be contaminated, using appropriate sampling methods. The locations likely to be contaminated are summarized in Table 2. Samples will be submitted to analytical laboratories meeting the quality criteria stipulated in the Industrial Sites QAPP (NNSA/NV, 2002). Only validated data from analytical laboratories will be used to support DQO decisions. Sample collection and handling activities will follow standard procedures.

Semiquantitative Data

Semiquantitative data indirectly measure the quantity or amount of a characteristic or component. Inferences are drawn about the quantity or amount of a characteristic or component, because a correlation has been shown to exist between the indirect measurement and the results from a quantitative measurement. The QA/QC requirements on semiquantitative collection and measurement systems are high, but may not be as rigorous as for a quantitative measurement system. Semiquantitative data contribute to decision-making but are not used alone to resolve primary decisions. Field-screening data are generally considered semiquantitative. The data are often used to guide investigations toward quantitative data collection.

Field screening activities will be conducted for alpha and beta/gamma radiation/contamination. A handheld radiological survey instrument or other method will be used, based on the possibility that portions of buildings, the reactor pad, piping, and equipment are radiologically contaminated. These field screening techniques will provide semiquantitative data that can be used to guide verification sampling and waste management activities. Core samples of materials

may then be collected for In-Situ Object Counting System (ISOCS) analysis based on these results.

Qualitative Data

Qualitative data identify or describe the characteristics or components of the site. The QA/QC requirements are the least rigorous on data collection methods and measurement systems. The intended use of the data is for information purposes, to refine CSMs, and to guide investigations rather than resolve primary decisions. This measurement of quality is typically assigned to historical information and data where QA/QC may be highly variable or not known. Professional judgment is often used to generate qualitative data.

3.1.4 Define the Study Boundaries (Step 4)

Step 4 of the DQO process defines the target population of interest, specifies the spatial boundaries and time constraints of that population pertinent for decision-making, and determines practical constraints on data collection.

3.1.4.1 Population of Interest

The population of interest to resolve the decisions includes the materials that are impacted by a contaminant above the action level.

3.1.4.2 Spatial Boundaries

The spatial boundaries include Building 3210 and the nuclear furnace.

3.1.4.3 Time Constraints

The study data should be relevant with the length of time allowed for by the SAFER process under the FFACO agreement (FFACO, 1996; as amended February 2008). Data will be collected at times that meet the security and safety constraints of the NTS and at times when weather conditions allow adequate site access and safe working conditions. The final SAFER Plan will be submitted by September 2006. Closure activities are currently scheduled to begin in fiscal year 2007.

3.1.4.4 Practical Constraints

Other constraints that may affect the ability to collect data include the following:

- Approval of SAFER Plan and DQO
- Equipment access and availability at the NTS
- Issue/award of demolition subcontract
- Acceptance of waste disposal pathways
- Other unsafe working conditions

3.1.5 Develop a Decision Rule (Step 5)

Step 5 of the DQO process develops a decision rule (“If..., then...”) statement that defines the conditions under which possible alternative actions will be chosen. In this step, the statistical parameters that characterize the population of interest are specified, the action levels are specified, and the measurement and analysis limits are confirmed capable of detecting action levels.

3.1.5.1 Population Parameters

Each sample result within the population of interest defined in Step 4 will be compared to the action levels to determine the appropriate resolution to the decisions.

3.1.5.2 Decision Rules

The decision rules for Decision I and Decision II are as follows:

Decision I

- If waste or contamination above action levels is present, then the practicality of its removal will be determined.
- If no waste or contamination above action levels is present, then the material in question will be considered sanitary waste.

Decision II

- All hazardous/regulated waste and transferable radiological contamination will be removed and disposed.
- Any radiological contamination that is not practical to remove based on the risk assessment (e.g., activated concrete) will be closed in place or posted per the *NV/YMP Radiological Control Manual* (NNSA/NSO, 2004b).

3.1.5.3 Action Levels

Action levels for chemical contaminants are defined as the EPA Region 9 risk-based preliminary remediation goals for chemical constituents in industrial soils (EPA, 2004). Action levels for radiological contaminants are based on the National Council on Radiation Protection (NCRP) Report No. 129, recommended screening limits for construction, commercial, industrial land-use scenarios (NCRP, 1999) scaled to 25 mrem/yr dose constraint (Murphy, 2004), and the generic guidelines for residual concentration of radionuclides in DOE Order 5400.5 (DOE, 1993). The radiological action level for solid media will be defined as the unrestricted-release criteria defined in the *NV/YMP Radiological Control Manual* (NNSA/NSO, 2004b) Table 4-2.

Remaining radiological contamination, per Decision II of the decision rules, will be posted per the *NV/YMP Radiological Control Manual* (NNSA/NSO, 2004b).

3.1.5.4 Measurement and Analysis Sensitivity

The measurement and analysis methods listed in the Industrial Sites QAPP (NNSA/NV, 2002) are capable of measuring analyte concentrations at or below the corresponding action levels for each constituent.

3.1.6 Specify Tolerable Limits on Decision Errors (Step 6)

Step 6 of the DQO process specifies performance criteria for the decision rules. Setting tolerable limits on decision errors requires the planning team to weigh the relative effects of threat to human health and the environment, expenditure of resources, and the consequences of an incorrect decision. This section provides an assessment of the possible outcomes of DQO decisions and the impact of those outcomes if the decisions are in error.

EPA's DQO guidelines state that if a judgmental sampling approach is used, quantitative statements about data quality will be limited to measurement error (EPA, 2006). Measurement error is influenced by imperfections in the measurement and analysis system. Random and systematic measurement errors are introduced in the measurement process during physical sample collection, sample handling, sample preparation, sample analysis, and data reduction. If measurement errors are not controlled, they may lead to errors in making the DQO decisions.

In general, confidence in DQO decisions based on judgmental sampling results will be established qualitatively by:

- Developing CSMs.
- Testing the validity of the CSMs based on investigation results.
- Evaluating the quality of the data based on DQI parameters.

3.1.6.1 Decision Errors

The baseline condition (i.e., null hypothesis) and alternative condition for Decision I are:

- Baseline condition: Waste or contamination above action levels is present.
- Alternative condition: Waste or contamination is not present.

The baseline condition (i.e., null hypothesis) and alternative condition for Decision II are:

- Baseline condition: It is practical to remove all waste and/or contamination.
- Alternative condition: It is not practical to remove all waste and/or contamination.

False Negative

A false negative decision error would mean deciding contamination is not present when it actually is (Decision I), or deciding it is not feasible to remove waste or contamination when it actually is feasible to do so (Decision II). In both cases the potential consequence is an increased risk to human health and environment. The false negative decision error is controlled by meeting these criteria:

- Having a high degree of confidence that the sample locations selected will identify contamination if present anywhere within the CAS. To satisfy this criterion, samples will be

collected in areas most likely to be contaminated. This was considered during development of the CSM. Table 2 summarizes these locations. Systematic radiological surveys will be conducted of the facility. In addition, the sample size determination for COC containing paint will be made using statistics based on EPA guidance for lead and PCBs.

- Having a high degree of confidence that the analyses conducted will be sufficient to detect any contamination present in the samples. To satisfy this criterion, the DQI of sensitivity will be assessed for all analytical results, to ensure that all sample analyses had detection limits that were less than or equal to the corresponding action level.
- Having a high degree of confidence that the dataset is of sufficient quality. To satisfy this criterion, the data will be assessed against the DQIs of precision, accuracy, comparability, and completeness. The appropriate QC samples will be collected as defined in the Industrial Sites QAPP (NNSA/NV, 2002).

False Positive

The false positive decision error would mean deciding contamination is present when it actually is not (Decision I) or deciding it is practical to remove waste or contamination when it actually is not practical (Decision II). In both cases the result would be increased costs. False positive errors for Decision I are typically attributed to laboratory and/or sampling errors that could cause cross-contamination. To control against cross-contamination, decontamination of sampling equipment will be conducted according to established and approved procedures. Only clean sample containers will be used. False positive errors for Decision II will be avoided by presenting and reviewing plans for removal of waste with the NNSA/NSO and the NDEP to help mitigate impractical remediation activities.

3.1.7 Optimize the Design (Step 7)

Step 7 of the DQO process provides the general approach for obtaining the information necessary to resolve the decisions. A judgmental sampling scheme will be implemented to select sample locations and evaluate analytical results. EPA's DQO guidelines state that a judgmental sampling approach can be used when there is sufficient information on the contamination sources and history to develop a valid CSM and to select specific sampling locations (EPA, 2006). This design is used to confirm the existence of contamination at specific locations and provide information about specific areas of the site. Sample locations for judgmental sampling will be determined based on process knowledge and previously acquired data. Table 3 summarizes the locations where samples will be collected and the analyses to be performed. Although additional areas of probable hazardous/regulated waste are identified in Table 2, samples will not be collected from these areas. Instead, the existence of waste will be verified by visual observations, and the materials will be disposed appropriately. In addition, radiological contamination will be identified by extensive, systematic, radiological surveys and ISOCS analysis of core samples.

Table 3. Sample Analysis Requirements

PARAMETER	ANALYTICAL METHOD	LOCATION
PCBs	8082 ^a	Hydraulic oil in equipment
TCLP PCBs	1311/8082	Paint
TCLP Lead	1311/6010B ^a	Paint
TCLP Cadmium	1311/6010B ^a	Foil around piping and conduit
Radionuclides	Field Screening and ISOCS analysis of core samples	<ul style="list-style-type: none"> • Nuclear furnace piping • Building 3210 (roof, walls, floors, ducts, equipment) • Building 3211 (movable shed) • Reactor pad • Shield wall

^aTest Methods for Evaluating Solid Waste, 3rd Edition, Parts 1-4, SW-846 (EPA, 1996)

PCB = polychlorinated biphenyls

TCLP = Toxicity Characteristic Leaching Procedure

3.2 RESULTS OF THE DATA QUALITY OBJECTIVES ANALYSIS

3.2.1 Action Level Determination and Basis

Action levels for chemicals are defined as the EPA Region 9 risk-based preliminary remediation goals for chemical constituents in industrial soils (EPA, 2004). Action levels for radiological contaminants are based on the NCRP Report No. 129-recommended screening limits for construction, commercial, industrial land-use scenarios (NCRP, 1999) scaled to 25 mrem/yr dose constraint (Murphy, 2004), and the generic guidelines for residual concentration of radionuclides in DOE Order 5400.5 (DOE, 1993). The radiological action level for solid media will be defined as the unrestricted release criteria defined in the *NV/YMP Radiological Control Manual* (NNSA/NSO, 2004b) Table 4-2. Remaining radiological contamination, per Decision II of the decision rules, will be posted per the *NV/YMP Radiological Control Manual* (NNSA/NSO, 2004b).

3.2.2 Hypothesis Test

Only valid data from radiological surveys and laboratory analytical results will be used to determine if contamination is present. The null hypothesis for Decision I is that waste and/or contamination above action levels is present. The two types of decision errors are false negative and false positive. A false negative decision error would occur if contamination is determined not to be present above the action levels when it actually is, increasing risk to human health and the environment. A false positive decision error would occur if contamination is determined to be present above the action levels when it actually is not, resulting in increased costs for unneeded remediation.

3.2.3 Statistical Model

The sample size determination for COC containing paint will be made using statistics based on EPA guidance for lead and PCBs (EPA, 2004). For all other sampling, individual sample results, rather than an average concentration, will be used to compare to action levels. Statistical models will not apply.

3.2.4 Design Description/Option

Biased (judgmental) samples will be collected as summarized in Table 3. These locations were chosen based on process knowledge of the site. Systematic radiological surveys will be conducted to identify radiological contamination.

3.2.5 Conceptual Site Model

The CSM is presented in Section 3.1.1.1 and summarized in Table 2.

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APPENDIX B

WASTE DISPOSITION DOCUMENTATION

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Sanitary Waste and Hydrocarbon Waste

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NTS LANDFILL LOAD VERIFICATION

12

SWO USE (Select One) AREA 23 6 9 **LANDFILL**

For waste characterization, approval, and/or assistance, contact Solid Waste Operation (SWO) at 5-7898.

REQUIRED: WASTE GENERATOR INFORMATION

(This form is for rollofs, dump trucks, and other onsite disposal of materials.)

Waste Generator: Michael Casselbury - NTS 306 Phone Number: 295-7222
Location / Origin: Area 25/Test Cell C CAU-116 *Per conversation on 3/6/07 with Mike* Q/S (to verify)

Waste Category: (check one) Commercial Industrial Q/S 3/5/07
Waste Type: (check one) NTS Putrescible FFACO-onsite WAC Exception
 Non-Putrescible Asbestos Containing Material FFACO-offsite Historic DOE/NV
Pollution Prevention Category: (check one) Environmental management Defense Projects YMP
Pollution Prevention Category: (check one) Clean-Up Q/S Routine Q/S 3/5/07
Method of Characterization: (check one) Sampling & Analysis Process Knowledge Contents

Prohibited Waste at all three NTS landfills: Radioactive waste; RCRA waste; Hazardous waste; Free liquids, PCBs above TSCA regulatory levels, and Medical wastes (needles, sharps, bloody clothing).

Additional Prohibited Waste at the Area 9 U10C Landfill: Sewage Sludge, Animal carcasses, Wet garbage (food waste); and Friable asbestos

REQUIRED: WASTE CONTENTS ALLOWABLE WASTES

Check all allowable wastes that are contained within this load:

NOTE: Waste disposal at the Area 6 Hydrocarbon Landfill must have come into contact with petroleum hydrocarbons or coolants, such as: gasoline (no benzene, lead); jet fuel; diesel fuel; lubricants and hydraulics; kerosene; asphaltic petroleum hydrocarbon; and ethylene glycol.

Acceptable waste at any NTS landfill: Paper Rocks / unaltered geologic materials Empty containers
 Asphalt Metal Wood Soil Rubber (excluding tires) Demolition debris
 Plastic Wire Cable Cloth Insulation (non-Asbestosform) Cement & concrete
 Manufactured items: (swamp coolers, furniture, rugs, carpet, electronic components, PPE, etc.)

Additional waste accepted at the Area 23 Mercury Landfill: Office Waste Food Waste Animal Carcasses
 Asbestos Friable Non-Friable (contact SWO if regulated load) Quantity: _____

Additional waste accepted at the Area 9 U10c Landfill:
 Non-friable asbestos Drained automobiles and military vehicles Solid fractions from sand/oil/water
 Light ballasts (contact SWO) Drained fuel filters (gas & diesel) Deconned Underground and Above Ground Tanks
 Hydrocarbons (contact SWO) Other _____

Additional waste accepted at the Area 6 Hydrocarbon Landfill:
 Septic sludge Rags Drained fuel filters (gas & diesel) Crushed non-teme plated oil filters
 Plants Soil Sludge from sand/oil/water separators PCBs below 50 parts per million

REQUIRED: WASTE GENERATOR SIGNATURE

Initials: _____ (if initialed, no radiological clearance is necessary.)

The above mentioned waste was generated outside of a Controlled Waste Management Area (CWMA) and to the best of my knowledge, does not contain radiological materials.

To the best of my knowledge, the waste described above contains only those mate site. I have verified this through the waste characterization method identified abov prohibited and allowable waste items. I have contacted Property Management and is approved for disposal in the landfill.

Print Name: Michael Casselbury
Signature: /s/ Michael Casselbury Date: 3-1-07

Radiation Survey Release for Waste Disposal

RCT Initials

- This container/load is free of external radioactive contamination.
 This container/load is exempt from survey due to process knowledge and origin.
 This container/load is free of radioactive contamination based on radioanalysis.

SIGNATURE: See Original DATE: 3-1-07
BN-0646 (09/99)

Note: "Food waste, office trash and animal carcasses do not require a radiological clearance. Freon-containing appliances must have signed removal certification statement with Load Verification."

SWO USE ONLY

Load Weight (net from scale or estimate): 10,000 Signature of Certifier: See Original

NTS LANDFILL LOAD VERIFICATION

SWO USE (Select One) AREA 23 6 9 **LANDFILL**

For waste characterization, approval, and/or assistance, contact Solid Waste Operation (SWO) at 5-7898.

REQUIRED: WASTE GENERATOR INFORMATION

(This form is for rollofs, dump trucks, and other onsite disposal of materials.)

Waste Generator: Michael Casselbury Phone Number: 295-7222

Location / Origin: Area 25/ Test Ceell C - CAP-116 Per M. Casselbury.

Waste Category: (check one) Commercial Industrial *MS 3/6/07*

Waste Type: (check one) NTS Putrescible FFAO-onsite WAC Exception
 Non-Putrescible Asbestos Containing Material FFAO-offsite Historic DOE/NV

Pollution Prevention Category: (check one) Environmental management Defense Projects YMP

Pollution Prevention Category: (check one) Clean-Up *MS* Routine *MS 3/6/07*

Method of Characterization: (check one) Sampling & Analysis Process Knowledge Contents

Prohibited Waste at all three NTS landfills: Radioactive waste; RCRA waste; Hazardous waste; Free liquids, PCBs above TSCA regulatory levels, and Medical wastes (needles, sharps, bloody clothing).

Additional Prohibited Waste at the Area 9 U10C Landfill: Sewage Sludge, Animal carcasses, Wet garbage (food waste); and Friable asbestos

REQUIRED: WASTE CONTENTS ALLOWABLE WASTES

Check all allowable wastes that are contained within this load:

NOTE: Waste disposal at the Area 6 Hydrocarbon Landfill must have come into contact with petroleum hydrocarbons or coolants, such as: gasoline (no benzene, lead); jet fuel; diesel fuel; lubricants and hydraulics; kerosene; asphaltic petroleum hydrocarbon; and ethylene glycol.

Acceptable waste at any NTS landfill: Paper Rocks / unaltered geologic materials Empty containers
 Asphalt Metal Wood Soil Rubber (excluding tires) Demolition debris
 Plastic Wire Cable Cloth Insulation (non-Asbestosform) Cement & concrete
 Manufactured items: (swamp coolers, furniture, rugs, carpet, electronic components, PPE, etc.)

Additional waste accepted at the Area 23 Mercury Landfill: Office Waste Food Waste Animal Carcasses
 Asbestos Friable Non-Friable (contact SWO if regulated load) Quantity: _____

Additional waste accepted at the Area 9 U10c Landfill:
 Non-friable asbestos Drained automobiles and military vehicles Solid fractions from sand/oil/water
 Light ballasts (contact SWO) Drained fuel filters (gas & diesel) Decconned Underground and Above Ground Tanks
 Hydrocarbons (contact SWO) Other _____

Additional waste accepted at the Area 6 Hydrocarbon Landfill:
 Septic sludge Rags Drained fuel filters (gas & diesel) Crushed non-teme plated oil filters
 Plants Soil Sludge from sand/oil/water separators PCBs below 50 parts per million

REQUIRED: WASTE GENERATOR SIGNATURE

Initials: _____ (if initialed, no radiological clearance is necessary.)

The above mentioned waste was generated outside of a Controlled Waste Management Area (CWMA) and to the best of my knowledge, does not contain radiological materials.

To the best of my knowledge, the waste described above contains only those materia site. I have verified this through the waste characterization method identified above e prohibited and allowable waste items. I have contacted Property Management and ha is approved for disposal in the landfill.

Print Name: Michael Casselbury

Signature: /s/ Michael Casselbury Date: 3-5-07

Note: "Food waste, office trash and animal carcasses do not require a radiological clearance. Freon-containing appliances must have signed removal certification statement with Load Verification."

SWO USE ONLY

Load Weight (net from scale or estimate): 9,100 Signature of Certifier: See Original

Radiation Survey Release for Waste Disposal

RCT Initials

This container/load is free of external radioactive contamination.

This container/load is exempt from survey due to process knowledge and origin.

This container/load is free of radioactive contamination based on radionalysis.

SIGNATURE: See Original DATE: 3-5-07

BN-0646 (09/99)

NTS LANDFILL LOAD VERIFICATION

SWO USE (Select One) AREA 23 6 9 **LANDFILL**

For waste characterization, approval, and/or assistance, contact Solid Waste Operation (SWO) at 5-7898.

REQUIRED: WASTE GENERATOR INFORMATION

(This form is for rollofs, dump trucks, and other onsite disposal of materials.)

Waste Generator: Michael Casselbury Phone Number: 295-7222
Location / Origin: Area 25/ Test Ceell C CAU-116 P-12 M. Casselbury

Waste Category: (check one) Commercial Industrial *MS 3/6/07*
Waste Type: (check one) NTS Putrescible FFACO-onsite WAC Exception
 Non-Putrescible Asbestos Containing Material FFACO-offsite Historic DOE/NV
Pollution Prevention Category: (check one) Environmental management Defense Projects YMP
Pollution Prevention Category: (check one) Clean-Up *MS* Routine *MS 3/6/07*
Method of Characterization: (check one) Sampling & Analysis Process Knowledge Contents

Prohibited Waste at all three NTS landfills: Radioactive waste; RCRA waste; Hazardous waste; Free liquids, PCBs above TSCA regulatory levels, and Medical wastes (needles, sharps, bloody clothing).

Additional Prohibited Waste at the Area 9 U10C Landfill: Sewage Sludge, Animal carcasses, Wet garbage (food waste); and Friable asbestos

REQUIRED: WASTE CONTENTS ALLOWABLE WASTES

Check all allowable wastes that are contained within this load:

NOTE: Waste disposal at the Area 6 Hydrocarbon Landfill must have come into contact with petroleum hydrocarbons or coolants, such as: gasoline (no benzene, lead); jet fuel; diesel fuel; lubricants and hydraulics; kerosene; asphaltic petroleum hydrocarbon; and ethylene glycol.

Acceptable waste at any NTS landfill: Paper Rocks / unaltered geologic materials Empty containers
 Asphalt Metal Wood Soil Rubber (excluding tires) Demolition debris
 Plastic Wire Cable Cloth Insulation (non-Asbestosform) Cement & concrete
 Manufactured items: (swamp coolers, furniture, rugs, carpet, electronic components, PPE, etc.)

Additional waste accepted at the Area 23 Mercury Landfill: Office Waste Food Waste Animal Carcasses
 Asbestos Friable Non-Friable (contact SWO if regulated load) Quantity: _____

Additional waste accepted at the Area 9 U10c Landfill:
 Non-friable asbestos Drained automobiles and military vehicles Solid fractions from sand/oil/water
 Light ballasts (contact SWO) Drained fuel filters (gas & diesel) Deconned Underground and Above Ground Tanks
 Hydrocarbons (contact SWO) Other _____

Additional waste accepted at the Area 6 Hydrocarbon Landfill:
 Septic sludge Rags Drained fuel filters (gas & diesel) Crushed non-teme plated oil filters
 Plants Soil Sludge from sand/oil/water separators PCBs below 50 parts per million

REQUIRED: WASTE GENERATOR SIGNATURE

Initials: _____ (if initialed, no radiological clearance is necessary.)

The above mentioned waste was generated outside of a Controlled Waste Management Area (CWMA) and to the best of my knowledge, does not contain radiological materials.

To the best of my knowledge, the waste described above contains only those mat site. I have verified this through the waste characterization method identified abo prohibited and allowable waste items. I have contacted Property Management and is approved for disposal in the landfill.

Print Name: Michael Casselbury
Signature: /s/ Michael Casselbury Date: 3-5-07

Note: "Food waste, office trash and animal carcasses do not require a radiological clearance. Freon-containing appliances must have signed removal certification statement with Load Verification."

SWO USE ONLY

Load Weight (net from scale or estimate): 4,440 *3-5-07*
Signature of Certifier: See Original

Radiation Survey Release for Waste Disposal
RCT Initials
 This container/load is free of external radioactive contamination.
 This container/load is exempt from survey due to process knowledge and origin.
 This container/load is free of radioactive contamination based on radioanalysis.
SIGNATURE: See Original DATE: 3-5-07
BN-0646 (09/99)

NTS LANDFILL LOAD VERIFICATION

1

SWO USE (Select One) AREA 23 6 9 LANDFILL

For waste characterization, approval, and/or assistance, contact Solid Waste Operation (SWO) at 5-7896.

REQUIRED: WASTE GENERATOR INFORMATION

(This form is for rollofs, dump trucks, and other onsite disposal of materials.)

Waste Generator: Mike Kruzic / Rob Baumert Phone Number: 7396/5882

Location / Origin: CAU 116 Test Cell C CAS 25-91-05

Waste Category: (check one) Commercial Industrial MS 3-27-07

Waste Type: (check one) NTS Putrescible FFACO-onsite WAC Exception
 Non-Putrescible Asbestos Containing Material FFACO-offsite Historic DOE/IV

Pollution Prevention Category: (check one) Environmental management Defense Projects YMP

Pollution Prevention Category: (check one) Clean-Up Routine

Method of Characterization: (check one) Sampling & Analysis Process Knowledge Contents

Prohibited Waste at all three NTS landfills: Radioactive waste; RCRA waste; Hazardous waste; Free liquids, PCBs above TSCA regulatory levels, and Medical wastes (needles, sharps, bloody clothing).

Additional Prohibited Waste at the Area 9 U10C Landfill: Sewage Sludge, Animal carcasses, Wet garbage (food waste); and Friable asbestos

REQUIRED: WASTE CONTENTS ALLOWABLE WASTES

Check all allowable wastes that are contained within this load:

NOTE: Waste disposal at the Area 6 Hydrocarbon Landfill must have come into contact with petroleum hydrocarbons or coolants, such as: gasoline (no benzene, lead); jet fuel; diesel fuel; lubricants and hydraulics; kerosene; asphaltic petroleum hydrocarbon; and ethylene glycol.

Acceptable waste at any NTS landfill: Paper Rocks / unaltered geologic materials Empty containers
 Asphalt Metal Wood Soil Rubber (excluding tires) Demolition debris
 Plastic Wire Cable Cloth Insulation (non-Asbestosform) Cement & concrete
 Manufactured items: (swamp coolers, furniture, rugs, carpet, electronic components, PPE, etc.)

Additional waste accepted at the Area 23 Mercury Landfill: Office Waste Food Waste Animal Carcasses
 Asbestos Friable Non-Friable (contact SWO if regulated load) Quantity: _____

Additional waste accepted at the Area 9 U10c Landfill:
 Non-friable asbestos Drained automobiles and military vehicles Solid fractions from sand/oil/water
 Light ballasts (contact SWO) Drained fuel filters (gas & diesel) Decconned Underground and Above
 Hydrocarbons (contact SWO) Other _____ Ground Tanks

Additional waste accepted at the Area 6 Hydrocarbon Landfill:
 Septic sludge Rags Drained fuel filters (gas & diesel) Crushed non-teme plated oil filters
 Plants Soil Sludge from sand/oil/water separators PCBs below 50 parts per million

REQUIRED: WASTE GENERATOR SIGNATURE

Initials: _____ (if initialed, no radiological clearance is necessary.)

The above mentioned waste was generated outside of a Controlled Waste Management Area (CWMA) and to the best of my knowledge, does not contain radiological materials.

To the best of my knowledge, the waste described above contains only those materials that are allowed for disposal at this site. I have verified this through the waste characterization method identified above and a review of the above-mentioned prohibited and allowable waste items. I have contacted Property Management and have verified that this material/equipment is approved for disposal in the landfill.

Print Name: Robert Baumert

Signature: /s/ Robert Baumert Date: 3/22/07

Note: "Food waste, office trash and animal carcasses do not require a radiological clearance. This statement must have signed removal certification statement with Load Verification."

SWO USE ONLY

Load Weight (net from scale or estimate): 8960 Signature of Certifier: 3-26-07

Radiation Survey Release for Waste Disposal RCT Initials

This container/load is free of external radioactive contamination.
 This container/load is exempt from survey due to process knowledge and origin.
 This container/load is free of radioactive contamination based on radioanalysis.

SIGNATURE: See Original DATE: 3-22-07

See Original

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Rev. 0
Page 1 of 2

NTS LANDFILL LOAD VERIFICATION

SWO USE (Select One) AREA 23 6 9 LANDFILL

For waste characterization, approval, and/or assistance, contact Solid Waste Operation (SWO) at 5-7898.

REQUIRED: WASTE GENERATOR INFORMATION

(This form is for rollofs, dump trucks, and other onsite disposal of materials.)

Waste Generator: Mike Krucic / Rob Baumert Phone Number: 7396 / 5682

Location / Origin: CAU 116 Test Cell C CAS 25-41-05

Waste Category: (check one) Commercial Industrial 5-27-07

Waste Type: (check one) NTS Putrescible FFACO-onsite WAC Exception

(check one) Non-Putrescible Asbestos Containing Material FFACO-offsite Historic DOE/NV

Pollution Prevention Category: (check one) Environmental management Defense Projects YMP

Pollution Prevention Category: (check one) Clean-Up Routine

Method of Characterization: (check one) Sampling & Analysis Process Knowledge Contents

Prohibited Waste at all three NTS landfills: Radioactive waste; RCRA waste; Hazardous waste; Free liquids, PCBs above TSCA regulatory levels, and Medical wastes (needles, sharps, bloody clothing).

Additional Prohibited Waste at the Area 9 U10C Landfill: Sewage Sludge, Animal carcasses, Wet garbage (food waste); and Friable asbestos

REQUIRED: WASTE CONTENTS ALLOWABLE WASTES

Check all allowable wastes that are contained within this load:

NOTE: Waste disposal at the Area 6 Hydrocarbon Landfill must have come into contact with petroleum hydrocarbons or coolants, such as: gasoline (no benzene, lead); jet fuel; diesel fuel; lubricants and hydraulics; kerosene; asphaltic petroleum hydrocarbon; and ethylene glycol.

Acceptable waste at any NTS landfill: Paper Rocks / unaltered geologic materials Empty containers

Asphalt Metal Wood Soil Rubber (excluding tires) Demolition debris

Plastic Wire Cable Cloth Insulation (non-Asbestosform) Cement & concrete

Manufactured items: (swamp coolers, furniture, rugs, carpet, electronic components, PPE, etc.)

Additional waste accepted at the Area 23 Mercury Landfill: Office Waste Food Waste Animal Carcasses

Asbestos Friable Non-Friable (contact SWO if regulated load) Quantity: _____

Additional waste accepted at the Area 9 U10c Landfill:

Non-friable asbestos Drained automobiles and military vehicles Solid fractions from sand/oil/water

Light ballasts (contact SWO) Drained fuel filters (gas & diesel) Deconned Underground and Above

Hydrocarbons (contact SWO) Other _____ Ground Tanks

Additional waste accepted at the Area 6 Hydrocarbon Landfill:

Septic sludge Rags Drained fuel filters (gas & diesel) Crushed non-teme plated oil filters

Plants Soil Sludge from sand/oil/water separators PCBs below 50 parts per million

REQUIRED: WASTE GENERATOR SIGNATURE

Initials: _____ (if initialed, no radiological clearance is necessary.)

The above mentioned waste was generated outside of a Controlled Waste Management Area (CWMA) and to the best of my knowledge, does not contain radiological materials.

To the best of my knowledge, the waste described above contains only those material site. I have verified this through the waste characterization method identified above as prohibited and allowable waste items. I have contacted Property Management and has is approved for disposal in the landfill.

Print Name: Robert Baumert

Signature: /s/ Robert Baumert Date: 3/22/07

Note: "Food waste, office trash and animal carcasses do not require a radiological clearance. Must have signed removal certification statement with Load Verification."

Radiation Survey Release for Waste Disposal

RCT Initials

This container/load is free of external radioactive contamination.

This container/load is exempt from survey due to process knowledge and origin.

This container/load is free of radioactive contamination based on radioanalysis.

SIGNATURE: See Original DATE: 3-22-07

BN-0646 (09/99)

SWO USE ONLY

Load Weight (net from scale or estimate): 1/2 ton Signature of Certifier: 3-26-07 See Original

NTS LANDFILL LOAD VERIFICATION

SWO USE (Select One) AREA 23 6 9 LANDFILL

For waste characterization, approval, and/or assistance, contact Solid Waste Operation (SWO) at 5-7898.

REQUIRED: WASTE GENERATOR INFORMATION

(This form is for rollofs, dump trucks, and other onsite disposal of materials.)

Waste Generator: Mike Kruzic Phone Number: 5-7396

Location / Origin: CAU 116 Test Cell C

Waste Category: (check one) Commercial Industrial

Waste Type: (check one) NTS Putrescible *OS 11/27/07* FFACO-onsite WAC Exception
 Non-Putrescible Asbestos Containing Material FFACO-offsite Historic DOE/NV

Pollution Prevention Category: (check one) Environmental management Defense Projects YMP

Pollution Prevention Category: (check one) Clean-Up Routine

Method of Characterization: (check one) Sampling & Analysis Process Knowledge Contents

Prohibited Waste at all three NTS landfills: Radioactive waste; RCRA waste; Hazardous waste; Free liquids, PCBs above TSCA regulatory levels, and Medical wastes (needles, sharps, bloody clothing).

Additional Prohibited Waste at the Area 9 U10C Landfill: Sewage Sludge, Animal carcasses, Wet garbage (food waste); and Friable asbestos

REQUIRED: WASTE CONTENTS ALLOWABLE WASTES

Check all allowable wastes that are contained within this load:

NOTE: Waste disposal at the Area 6 Hydrocarbon Landfill must have come into contact with petroleum hydrocarbons or coolants, such as: gasoline (no benzene, lead); jet fuel; diesel fuel; lubricants and hydraulics; kerosene; asphaltic petroleum hydrocarbon; and ethylene glycol.

Acceptable waste at any NTS landfill: Paper Rocks / unaltered geologic materials Empty containers
 Asphalt Metal Wood Soil Rubber (excluding tires) Demolition debris
 Plastic Wire Cable Cloth Insulation (non-Asbestosform) Cement & concrete
 Manufactured items: (swamp coolers, furniture, rugs, carpet, electronic components, PPE, etc.)

Additional waste accepted at the Area 23 Mercury Landfill: Office Waste Food Waste Animal Carcasses
 Asbestos Friable Non-Friable (contact SWO if regulated load) Quantity: _____

Additional waste accepted at the Area 9 U10c Landfill:
 Non-friable asbestos Drained automobiles and military vehicles Solid fractions from sand/oil/water
 Light ballasts (contact SWO) Drained fuel filters (gas & diesel) Deconned Underground and Above Ground Tanks
 Hydrocarbons (contact SWO) Other _____

Additional waste accepted at the Area 6 Hydrocarbon Landfill: _____
 Septic sludge Rags Drained fuel filters (gas & diesel) Crushed non-teme plated oil filters
 Plants Soil Sludge from sand/oil/water separators PCBs below 50 parts per million

REQUIRED: WASTE GENERATOR SIGNATURE

Initials: _____ (if initialed, no radiological clearance is necessary.)

The above mentioned waste was generated outside of a Controlled Waste Management Area (COWMA) and, to the best of my knowledge, does not contain radiological materials.

To the best of my knowledge, the waste described above contains only those site. I have verified this through the waste characterization method identified prohibited and allowable waste items. I have contacted Property Manager is approved for disposal in the landfill.

Print Name: M. Ke Kruzic 11-26-07
Signature: /s/ Mike Kruzic Date: _____

Note: "Food waste, office trash and animal carcasses do not require a radiological clearance. Freon-containing appliances must have signed removal certification statement with Load Verification."

SWO USE ONLY

Load Weight (net from scale or estimate): 20 Signature of Certifier: See Original

Radiation Survey Release for Waste Disposal

RCT Initials

- This container/load is free of external radioactive contamination.
- This container/load is exempt from survey due to process knowledge and origin.
- This container/load is free of radioactive contamination based on radioanalysis.

SIGNATURE: See Original DATE: 11-26-07
BN-0646 (09/99)

NTS LANDFILL LOAD VERIFICATION

4

SWO USE (Select One) AREA 23 6 9 **LANDFILL**

For waste characterization, approval, and/or assistance, contact Solid Waste Operation (SWO) at 5-7898.

REQUIRED: WASTE GENERATOR INFORMATION

(This form is for rolloffs, dump trucks, and other onsite disposal of materials.)

Waste Generator: MIKE FLOYD Phone Number: 5-6653

Location / Origin: CAU 116 // test cell C

- Waste Category:** (check one) Commercial Industrial
- Waste Type:** (check one) NTS Non-Putrescible Putrescible Asbestos Containing Material FFACO-onsite FFACO-offsite WAC Exception Historic DOE/NV
- Pollution Prevention Category:** (check one) Environmental management Defense Projects YMP
- Pollution Prevention Category:** (check one) Clean-Up Routine
- Method of Characterization:** (check one) Sampling & Analysis Process Knowledge Contents

Prohibited Waste at all three NTS landfills: Radioactive waste; RCRA waste; Hazardous waste; Free liquids, PCBs above TSCA regulatory levels, and Medical wastes (needles, sharps, bloody clothing).

Additional Prohibited Waste at the Area 9 U10C Landfill: Sewage Sludge, Animal carcasses, Wet garbage (food waste); and Friable asbestos

REQUIRED: WASTE CONTENTS ALLOWABLE WASTES

Check all allowable wastes that are contained within this load:

NOTE: Waste disposal at the Area 6 Hydrocarbon Landfill must have come into contact with petroleum hydrocarbons or coolants, such as: gasoline (no benzene, lead); jet fuel; diesel fuel; lubricants and hydraulics; kerosene; asphaltic petroleum hydrocarbon; and ethylene glycol.

- Acceptable waste at any NTS landfill:** Paper Rocks / unaltered geologic materials Empty containers
- Asphalt Metal Wood Soil Rubber (excluding tires) Demolition debris
- Plastic Wire Cable Cloth Insulation (non-Asbestosform) Cement & concrete
- Manufactured items: (swamp coolers, furniture, rugs, carpet, electronic components, PPE, etc.) *Debris pile SW facility*

Additional waste accepted at the Area 23 Mercury Landfill: Office Waste Food Waste Animal Carcasses

Asbestos Friable Non-Friable (contact SWO if regulated load) Quantity: _____

Additional waste accepted at the Area 9 U10c Landfill:

- Non-friable asbestos Drained automobiles and military vehicles Solid fractions from sand/oil/water
- Light ballasts (contact SWO) Drained fuel filters (gas & diesel) Deconed Underground and Above Ground Tanks
- Hydrocarbons (contact SWO) Other _____

Additional waste accepted at the Area 6 Hydrocarbon Landfill:

- Septic sludge Rags Drained fuel filters (gas & diesel) Crushed non-teme plated oil filters
- Plants Soil Sludge from sand/oil/water separators PCBs below 50 parts per million

REQUIRED: WASTE GENERATOR SIGNATURE

Initials: _____ (if initialed, no radiological clearance is necessary.)

The above mentioned waste was generated outside of a Controlled Waste Management Area (CWMA) and to the best of my knowledge, does not contain radiological materials.

To the best of my knowledge, the waste described above contains only those materials permitted for disposal at this site. I have verified this through the waste characterization method identified above and have checked for prohibited and allowable waste items. I have contacted Property Management and have received their approval for disposal in the landfill.

Print Name: Mike Floyd

Signature: /s/ Mike Floyd

Date: 1/23/08

Note: "Food waste, office trash and animal carcasses do not require a radiological clearance. All other waste must have signed removal certification statement with Load Verification."

Radiological Survey Release for Waste Disposal RCT Initials

This container/load meets the criteria for no added man-made radioactive material

This container/load meets the criteria for Radcon Manual Table 4.2 release limits.

This container/load is exempt from survey due to process knowledge and origin.

SIGNATURE: See Original

DATE: 1-24-08

SWO USE ONLY

Load Weight (net from scale or estimate): 9760

Signature of Certifier: 1-24-08 See Original

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NTS LANDFILL LOAD VERIFICATION

SWO USE (Select One) AREA 23 6 9 **LANDFILL**

For waste characterization, approval, and/or assistance, contact Solid Waste Operation (SWO) at 5-7898.

REQUIRED: WASTE GENERATOR INFORMATION

(This form is for rollofs, dump trucks, and other onsite disposal of materials.)

Waste Generator: MIKE FLOYD Phone Number: 5-6653

Location / Origin: CAU 116 // test cell C

Waste Category: (check one) Commercial Industrial

Waste Type: (check one) NTS Putrescible FFACO-onsite WAC Exception
 Non-Putrescible Asbestos Containing Material FFACO-offsite Historic DOE/NV

Pollution Prevention Category: (check one) Environmental management Defense Projects YMP

Pollution Prevention Category: (check one) Clean-Up Routine

Method of Characterization: (check one) Sampling & Analysis Process Knowledge Contents

Prohibited Waste at all three NTS landfills: Radioactive waste; RCRA waste; Hazardous waste; Free liquids, PCBs above TSCA regulatory levels, and Medical wastes (needles, sharps, bloody clothing).

Additional Prohibited Waste at the Area 9 U10C Landfill: Sewage Sludge, Animal carcasses, Wet garbage (food waste); and Friable asbestos

REQUIRED: WASTE CONTENTS ALLOWABLE WASTES

Check all allowable wastes that are contained within this load:

NOTE: Waste disposal at the Area 6 Hydrocarbon Landfill must have come into contact with petroleum hydrocarbons or coolants, such as: gasoline (no benzene, lead); jet fuel; diesel fuel; lubricants and hydraulics; kerosene; asphaltic petroleum hydrocarbon; and ethylene glycol.

Acceptable waste at any NTS landfill: Paper Rocks / unaltered geologic materials Empty containers
 Asphalt Metal Wood Soil Rubber (excluding tires) Demolition debris
 Plastic Wire Cable Cloth Insulation (non-Asbestosform) Cement & concrete
 Manufactured items: (swamp coolers, furniture, rugs, carpet, electronic components, PPE, etc.) *Debris Pile Swg Facility*

Additional waste accepted at the Area 23 Mercury Landfill: Office Waste Food Waste Animal Carcasses
 Asbestos Friable Non-Friable (contact SWO if regulated load) Quantity: _____

Additional waste accepted at the Area 9 U10c Landfill:
 Non-friable asbestos Drained automobiles and military vehicles Solid fractions from sand/oil/water
 Light ballasts (contact SWO) Drained fuel filters (gas & diesel) Deconned Underground and Above Ground Tanks
 Hydrocarbons (contact SWO) Other _____

Additional waste accepted at the Area 6 Hydrocarbon Landfill: _____
 Septic sludge Rags Drained fuel filters (gas & diesel) Crushed non-teme plated oil filters
 Plants Soil Sludge from sand/oil/water separators PCBs below 50 parts per million

REQUIRED: WASTE GENERA:

Initials: _____ (if initialed, no radiological clearance is necessary.)

The above mentioned waste was generated outside of a Controlled Wa- knowledge, does not contain radiological materials.

To the best of my knowledge, the waste described above contains only site. I have verified this through the waste characterization method ide prohibited and allowable waste items. I have contacted Property Mana- is approved for disposal in the landfill.

Radiological Survey Release for Waste Disposal
RCT Initials

 This container/load meets the criteria for no added man-made radioactive material
 This container/load meets the criteria for Radcon Manual Table 4.2 rlease limits.
 This container/load is exempt from survey due to prope knowledge and origin.
SIGNATURE: See Original **DATE:** 1-24-08
 BN-0646 (10/05)

Print Name: Mike Floyd

Signature: /s/ Mike Floyd

Date: 1/23/08

If applicable, place FRM-0646, "Radiological Release Sticker" here. Onsite use only.

Note: "Food waste, office trash and animal carcasses do not require a radiological clearance. Freon-containing appliances must have signed removal certification statement with Load Verification."

SWO USE ONLY

Load Weight (net from scale or estimate): 1280 Signature of Certifier: See Original

SWO USE (Select One) AREA 23 6 9/10C LANDFILL

For waste characterization, approval, and/or assistance, contact Solid Waste Operation (SWO) at 5-7898.

REQUIRED: WASTE GENERATOR INFORMATION

(This form is for rollofs, dump trucks, and other onsite disposal of materials.)

Waste Generator: Rebecca King Phone Number: 5-5804

Location / Origin: Area 25 Test Cell C FAX 5-7918 (CYS)

- Waste Category: (check one) Commercial Industrial
- Waste Type: (check one) NTS Putrescible FFACO-onsite WAC Exception
 Non-Putrescible Asbestos Containing Material FFACO-offsite Historic DOE/NV
- Pollution Prevention Category: (check one) Environmental management Defense Projects YMP
- Pollution Prevention Category: (check one) Clean-Up Routine
- Method of Characterization: (check one) Sampling & Analysis Process Knowledge Contents

Prohibited Waste at all three NTS landfills: Radioactive waste; RCRA waste; Hazardous waste; Free liquids, PCBs above TSCA regulatory levels, and Medical wastes (needles, sharps, bloody clothing).

Additional Prohibited Waste at the Area 9 U10C Landfill: Sewage Sludge, Animal carcasses, Wet garbage (food waste); and Friable asbestos

REQUIRED: WASTE CONTENTS ALLOWABLE WASTES

Check all allowable wastes that are contained within this load:

NOTE: Waste disposal at the Area 6 Hydrocarbon Landfill must have come into contact with petroleum hydrocarbons or coolants, such as: gasoline (no benzene, lead); jet fuel; diesel fuel; lubricants and hydraulics; kerosene; asphaltic petroleum hydrocarbon; and ethylene glycol.

- Acceptable waste at any NTS landfill: Paper Rocks / unaltered geologic materials Empty containers
 Asphalt Metal Wood Soil Rubber (excluding tires) Demolition debris
 Plastic Wire Cable Cloth Insulation (non-Asbestosform) Cement & concrete
 Manufactured items: (swamp coolers, furniture, rugs, carpet, electronic components, PPE, etc.)

Additional waste accepted at the Area 23 Mercury Landfill: Office Waste Food Waste Animal Carcasses
 Asbestos Friable Non-Friable (contact SWO if regulated load) Quantity: _____

Additional waste accepted at the Area 9 U10c Landfill:
 Non-friable asbestos Drained automobiles and military vehicles Solid fractions from sand/oil/water
 Light ballasts (contact SWO) Drained fuel filters (gas & diesel) Deconned Underground and Above Ground Tanks
 Hydrocarbons (contact SWO) Other _____

Additional waste accepted at the Area 6 Hydrocarbon Landfill:
 Septic sludge Rags Drained fuel filters (gas & diesel) Crushed non-teme plated oil filters
 Plants Soil Sludge from sand/oil/water separators PCBs below 50 parts per million

REQUIRED: WASTE GENERATOR

Initials: _____ (if initialed, no radiological clearance is necessary.)

The above mentioned waste was generated outside of a Controlled Waste knowledge, does not contain radiological materials.

To the best of my knowledge, the waste described above contains only site. I have verified this through the waste characterization method and prohibited and allowable waste items. I have contacted Property Manager and is approved for disposal in the landfill.

Radiological Survey Release for Waste Disposal

- Signature: [Signature] Initials: _____
 This container/load meets the criteria for no added man-made radioactive material
 This container/load meets the criteria for Radcon Manual Table 4.2 release limits.
 This container/load is exempt from survey due to process knowledge and origin.

SIGNATURE: See Original DATE: 12/28

FRM-0646 (08/06)

Print Name: Steve Munns

Signature: /s/ Steve Munns

Date: 12-28-2010

If applicable, place FRM-0646, "Radiological Release Sticker" here. Onsite use only.

Note: "Food waste, office trash and animal carcasses do not require a radiological clearance. Freon-containing appliances must have signed removal certification statement with Load Verification."

SWO USE ONLY

Load Weight (net from scale or estimate): 3,680 12/28/10 Signature of Certifier: See Original

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SWO USE (Select One) AREA 23 6 9/10C **LANDFILL**

For waste characterization, approval, and/or assistance, contact Solid Waste Operation (SWO) at 5-7898.

REQUIRED: WASTE GENERATOR INFORMATION

(This form is for rollofs, dump trucks, and other onsite disposal of materials.)

Waste Generator: Dan Tobiason Phone Number: 295-6169

Location / Origin: Area 25 Test Cell CAU-116 (95)

- Waste Category: (check one) Commercial Industrial
- Waste Type: NTS Putrescible FFACO-onsite WAC Exception
 (check one) Non-Putrescible Asbestos Containing Material FFACO-offsite Historic DOE/NV
- Pollution Prevention Category: (check one) Environmental management Defense Projects YMP
- Pollution Prevention Category: (check one) Clean-Up Routine
- Method of Characterization: (check one) Sampling & Analysis Process Knowledge Contents

Prohibited Waste at all three NTS landfills: Radioactive waste; RCRA waste; Hazardous waste; Free liquids, PCBs above TSCA regulatory levels, and Medical wastes (needles, sharps, bloody clothing).

Additional Prohibited Waste at the Area 9 U10C Landfill: Sewage Sludge, Animal carcasses, Wet garbage (food waste); and Friable asbestos

REQUIRED: WASTE CONTENTS ALLOWABLE WASTES

Check all allowable wastes that are contained within this load:

NOTE: Waste disposal at the Area 6 Hydrocarbon Landfill must have come into contact with petroleum hydrocarbons or coolants, such as: gasoline (no benzene, lead); jet fuel; diesel fuel; lubricants and hydraulics; kerosene; asphaltic petroleum hydrocarbon; and ethylene glycol.

- Acceptable waste at any NTS landfill: Paper Rocks / unaltered geologic materials Empty containers
 Asphalt Metal Wood Soil Rubber (excluding tires) Demolition debris
 Plastic Wire Cable Cloth Insulation (non-Asbestosform) Cement & concrete
 Manufactured items: (swamp coolers, furniture, rugs, carpet, electronic components, PPE, etc.)

Additional waste accepted at the Area 23 Mercury Landfill: Office Waste Food Waste Animal Carcasses
 Asbestos Friable Non-Friable (contact SWO if regulated load) Quantity: _____

Additional waste accepted at the Area 9 U10c Landfill: * APE BAGS FROM ASBESTOS WORK

- Non-friable asbestos Drained automobiles and military vehicles Solid fractions from sand/oil/water
 Light ballasts (contact SWO) Drained fuel filters (gas & diesel) Deconned Underground and Above
 Hydrocarbons (contact SWO) Other WATER SOFTENING RESIN BEADS Ground Tanks

Additional waste accepted at the Area 6 Hydrocarbon Landfill:
 Septic sludge Rags Drained fuel filters (gas & diesel) Crushed non-teme plated oil filters
 Plants Soil Sludge from sand/oil/water separators PCBs below 50 parts per million

REQUIRED: WASTE GENERATOR SIGNATURE

Initials: DCR (if initialed, no radiological clearance is necessary.)

The above mentioned waste was generated outside of a Controlled Waste Man knowledge, does not contain radiological materials.

To the best of my knowledge, the waste described above contains only those n site. I have verified this through the waste characterization method identified a prohibited and allowable waste items. I have contacted Property Management is approved for disposal in the landfill.

Print Name: DAN TOBIASON

Signature: /s/ Dan Tobiason

Date: 4/12/11

Radiological Survey Release for Waste Disposal RCT Initials

This container/load meets the criteria for no added man-made radioactive material

This container/load meets the criteria for Radcon Manual Table 4.2 release limits.

This container/load is exempt from survey due to process knowledge and/or origin.

SIGNATURE: See Original DATE: 4/12/11

BN-0846 (10/05)

"Radiological Release sticker here. Onsite use only."

Note: "Food waste, office trash and animal carcasses do not require a radiological clearance. Freon-containing appliances must have signed removal certification statement with Load Verification."

SWO USE ONLY

Load Weight (net from scale) or estimate: 3,000

Signature of Certifier: See Original

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SWO USE (Select One) AREA 23 6 9/10C **LANDFILL**

For waste characterization, approval, and/or assistance, contact Solid Waste Operation (SWO) at 5-7898.
REQUIRED: WASTE GENERATOR INFORMATION
(This form is for rolloffs, dump trucks, and other onsite disposal of materials.)

Waste Generator: Dan Tobiason Phone Number: 295-6169
Location / Origin: Area 25 Test Cell C CAM 116

Waste Category: (check one) Commercial Industrial
Waste Type: NTS Putrescible FFACO-onsite WAC Exception
(check one) Non-Putrescible Asbestos Containing Material FFACO-offsite Historic DOE/NV
Pollution Prevention Category: (check one) Environmental management Defense Projects YMP
Pollution Prevention Category: (check one) Clean-Up Routine
Method of Characterization: (check one) Sampling & Analysis Process Knowledge Contents

Prohibited Waste at all three NTS landfills: Radioactive waste; RCRA waste; Hazardous waste; Free liquids; PCBs above TSCA regulatory levels, and Medical wastes (needles, sharps, bloody clothing).
Additional Prohibited Waste at the Area 9 U10C Landfill: Sewage Sludge, Animal carcasses, Wet garbage (food waste); and Friable asbestos

REQUIRED: WASTE CONTENTS ALLOWABLE WASTES
Check all allowable wastes that are contained within this load:

NOTE: Waste disposal at the Area 8 Hydrocarbon Landfill must have come into contact with petroleum hydrocarbons or coolants, such as: gasoline (no benzene, lead); jet fuel; diesel fuel; lubricants and hydraulics; kerosene; asphaltic petroleum hydrocarbon; and ethylene glycol.

Acceptable waste at any NTS landfill: Paper Rocks / unaltered geologic materials Empty containers
 Asphalt Metal Wood Soil Rubber (excluding tires) Demolition debris
 Plastic Wire Cable Cloth Insulation (non-Asbestosform) Cement & concrete
 Manufactured items: (swamp coolers, furniture, rugs, carpet, electronic components, PPE, etc.)

Additional waste accepted at the Area 23 Mercury Landfill: Office Waste Food Waste Animal Carcasses
 Asbestos Friable Non-Friable (contact SWO if regulated load) Quantity: _____

Additional waste accepted at the Area 9 U10a Landfill:
 Non-friable asbestos Drained automobiles and military vehicles Solid fractions from sand/oil/water
 Light ballasts (contact SWO) Drained fuel filters (gas & diesel) Decommed Underground and Above Ground Tanks
 Hydrocarbons (contact SWO) Other: SOLIDIFIED ONLY WATER

Additional waste accepted at the Area 6 Hydrocarbon Landfill:
 Septic sludge Rags Drained fuel filters (gas & diesel) Crushed non-teme plated oil filters
 Plants Soil Sludge from sand/oil/water separators PCBs below 50 parts per million

REQUIRED: WASTE GENERATOR SIGNATURE

Initials: _____ (if initialed, no radiological clearance is necessary.)

The above mentioned waste was generated outside of a Controlled Waste file knowledge, does not contain radiological materials.

To the best of my knowledge, the waste described above contains only those items. I have verified this through the waste characterization method identified prohibited and allowable waste items. I have contacted Property Management is approved for disposal in the landfill.

Print Name: DAN TOBIASON
Signature: /s/ Dan Tobiason

Date: 6/8/11

Radiological Survey Release for Waste Disposal RCT Initials
____ This container/load meets the criteria for no added man-made radioactive material
____ This container/load meets the criteria for Radcon Manual Table 4.2 release limits.
h This container/load is exempt from survey due to process knowledge and origin.
SIGNATURE: See Original DATE: 6/8/11

FRM-0918 (08/06)
If applicable, please remove "Radiological Release Sticker" here. Onsite use only.

Note: "Food waste, office trash and animal carcasses do not require a radiological clearance. Freon-containing appliances must have signed removal certification statement with Load Verification."

SWO USE ONLY
Load Weight (not from scale or estimate): 3,040 6/13/11 Signature of Certifier: See Original

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SWO USE (Select One) AREA 23 6 9/10C **LANDFILL**

For waste characterization, approval, and/or assistance, contact Solid Waste Operation (SWO) at 5-7898.

REQUIRED: WASTE GENERATOR INFORMATION

(This form is for rollofs, dump trucks, and other onsite disposal of materials.) XCV057

Waste Generator: Dan Tobiason Phone Number: 295-8189

Location / Origin: Area 25 Test Cell C CAU 118

Waste Category: (check one) Commercial Industrial

Waste Type: (check one) NTS Putrescible FFAO-onsite WAC Exception
 Non-Putrescible Asbestos Containing Material FFAO-offsite Historic DOE/NV

Pollution Prevention Category: (check one) Environmental management Defense Projects YMP

Pollution Prevention Category: (check one) Clean-Up Routine

Method of Characterization: (check one) Sampling & Analysis Process Knowledge Contents

Prohibited Waste at all three NTS landfills: Radioactive waste; RCRA waste; Hazardous waste; Free liquids, PCBs above TSCA regulatory levels, and Medical wastes (needles, sharps, bloody clothing).

Additional Prohibited Waste at the Area 9 U10C Landfill: Sewage Sludge, Animal carcasses, Wet garbage (food waste); and Friable asbestos

REQUIRED: WASTE CONTENTS ALLOWABLE WASTES

Check all allowable wastes that are contained within this load:

NOTE: Waste disposal at the Area 6 Hydrocarbon Landfill must have come into contact with petroleum hydrocarbons or coolants, such as: gasoline (no benzene, lead); jet fuel; diesel fuel; lubricants and hydraulics; kerosene; asphaltic petroleum hydrocarbon; and ethylene glycol.

Acceptable waste at any NTS landfill: Paper Rocks / unaltered geologic materials Empty containers
 Asphalt Metal Wood Soil Rubber (excluding tires) Demolition debris
 Plastic Wire Cable Cloth Insulation (non-Asbestosform) Cement & concrete
 Manufactured items: (swamp coolers, furniture, rugs, carpet, electronic components, PPE, etc.)

Additional waste accepted at the Area 23 Mercury Landfill: Office Waste Food Waste Animal Carcasses
 Asbestos Friable Non-Friable (contact SWO if regulated load) Quantity: _____

Additional waste accepted at the Area 9 U10c Landfill:
 Non-friable asbestos Drained automobiles and military vehicles Solid fractions from sand/oil/water
 Light ballasts (contact SWO) Drained fuel filters (gas & diesel) Decanned Underground and Above Ground Tanks
 Hydrocarbons (contact SWO) Other _____

Additional waste accepted at the Area 6 Hydrocarbon Landfill:
 Septic sludge Rags Drained fuel filters (gas & diesel) Crushed non-terne plated oil filters
 Plants Soil Sludge from sand/oil/water separators PCBs below 50 parts per million

REQUIRED: WASTE GENERATOR SIGNATURE

Initials: _____ (if initialed, no radiological clearance is necessary.)

The above mentioned waste was generated outside of a Controlled Waste Management knowledge, does not contain radiological materials.

To the best of my knowledge, the waste described above contains only those materials site. I have verified this through the waste characterization method identified above prohibited and allowable waste items. I have contacted Property Management and it is approved for disposal in the landfill.

Print Name: DAN TOBIASON

Signature: /s/ Dan Tobiason Date: 6/28/11

Note: "Food waste, office trash and animal carcasses do not require a radiological clearance. Freon-containing appliances must have signed removal certification statement with Load Verification."

Radiological Survey Release for Waste Disposal
RCT Initials

_____ This container/load meets the criteria for no added man-made radioactive material

_____ This container/load meets the criteria for Radon Manual Table 4.2 release limits.

DC This container/load is exempt from survey due to process knowledge and origin.

SIGNATURE: See Original DATE: 6-28-11

SWO USE ONLY

Load Weight (net from scale or estimate): 5,580 7/21/11 Signature of Certifier: See Original

NTS LANDFILL LOAD VERIFICATION

SWO USE (Select One) AREA 23 6 9 LANDFILL

For waste characterization, approval, and/or assistance, contact Solid Waste Operation (SWO) at 5-7898.

REQUIRED: WASTE GENERATOR INFORMATION

(This form is for rolloffs, dump trucks, and other onsite disposal of materials.)

Waste Generator: Mike Krusic Phone Number: 5-7396

Location / Origin: Test Cell - Area 25 (411-116)

Waste Category: (check one) Commercial Industrial

Waste Type: (check one) NTS Putrescible FFACO-onsite WAC Exception
 Non-Putrescible Asbestos Containing Material FFACO-offsite Historic DOE/NV

Pollution Prevention Category: (check one) Environmental management Defense Projects YMP

Pollution Prevention Category: (check one) Clean-Up Routine

Method of Characterization: (check one) Sampling & Analysis Process Knowledge Contents

Prohibited Waste at all three NTS landfills: Radioactive waste; RCRA waste; Hazardous waste; Free liquids, PCBs above TSCA regulatory levels, and Medical wastes (needles, sharps, bloody clothing).

Additional Prohibited Waste at the Area 9 U10C Landfill: Sewage Sludge, Animal carcasses, Wet garbage (food waste); and Friable asbestos

REQUIRED: WASTE CONTENTS ALLOWABLE WASTES

Check all allowable wastes that are contained within this load:

NOTE: Waste disposal at the Area 6 Hydrocarbon Landfill must have come into contact with petroleum hydrocarbons or coolants, such as: gasoline (no benzene, lead); jet fuel; diesel fuel; lubricants and hydraulics; kerosene; asphaltic petroleum hydrocarbon; and ethylene glycol.

Acceptable waste at any NTS landfill: Paper Rocks / unaltered geologic materials Empty containers
 Asphalt Metal Drum Wood Soil Rubber (excluding tires) Demolition debris
 Plastic Wire Cable Cloth Insulation (non-Asbestosform) Cement & concrete
 Manufactured items: (swamp coolers, furniture, rugs, carpet, electronic components, PPE, etc.)

Additional waste accepted at the Area 23 Mercury Landfill: Office Waste Food Waste Animal Carcasses
 Asbestos Friable Non-Friable (contact SWO if regulated load) Quantity: _____

Additional waste accepted at the Area 9 U10c Landfill:
 Non-friable asbestos Drained automobiles and military vehicles Solid fractions from sand/oil/water
 Light ballasts (contact SWO) Drained fuel filters (gas & diesel) Decanned Underground and Above Ground Tanks
 Hydrocarbons (contact SWO) Other _____

Additional waste accepted at the Area 6 Hydrocarbon Landfill: plastic drum soiled w/ motor oil
 Septic sludge Rage Drained fuel filters (gas & diesel) Crushed non-teme plated oil filters
 Plants Soil Sludge from sand/oil/water separators PCBs below 50 parts per million

REQUIRED: WASTE GENERATOR SIGNATURE

Initials: _____ (if initialed, no radiological clearance is necessary.)

The above mentioned waste was generated outside of a Controlled Wa knowledge, does not contain radiological materials.

To the best of my knowledge, the waste described above contains only site. I have verified this through the waste characterization method ide prohibited and allowable waste items. I have contacted Property Mana is approved for disposal in the landfill.

Print Name: Mike Krusic

Signature: /s/ Mike Krusic

Date: 3-25-08

Radiological Survey Release for Waste Disposal RCT Initials

This container/load meets the criteria for no added man-made radioactive material

This container/load meets the criteria for Radcon Manual Table 4.2 release limits.

This container/load is exempt from survey due to process knowledge and origin.

SIGNATURE: See Original DATE: 3-25-08

FRM-0646 (08/06)

Radiological release sticker here. Onsite use only.

Note: "Food waste, office trash and animal carcasses do not require a radiological clearance. Freon-containing appliances must have signed removal certification statement with Load Verification."

SWO USE ONLY

Load Weight (net from scale or estimate): 30 lbs Signature of Certifier: See Original

Low-Level Waste

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Certificate of Disposal

This is to certify that the Waste Stream No. LRY5LLFY99020, container number 710909 (QG000872) was shipped and received at the Nevada Test Site, Area 5 Radioactive Waste Management Complex for disposal as stated below.

Theresa Hale
Shipped by

WGS
Organization

Senior Technical Support
Title

/s/ Theresa Hale
Signature

12-10-08
Date

Laura A KINSTAD
Received by

NSTec
Organization

waste Handler
Title

/s/ Laura Kinstad
Signature

Date 12-10-08

Certificate of Disposal

This is to certify that the Waste Stream No. LRY5LLFY99020, container numbers 09L007 (QG002890) and 09L008 (QG002886) were shipped and received at the Nevada Test Site, Area 5 Radioactive Waste Management Complex for disposal as stated below.

Theresa Hale
Shipped by

WGS
Organization

Senior Technical Support
Title

/s/ Theresa Hale
Signature

12-10-08
Date

LAURA KINSTAD
Received by

NSTec
Organization

Waste Handler
Title

/s/ Laura Kinstad
Signature

Date 12-10-08

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11002	LRY5LLFY99020	10L939	10-4-10

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

10-4-10

Date

Waste Inspector

Title

/s/ Stephen Wolf

RWMC Signature

10-4-10

Date

Low Level Waste Specialist

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
022003	RYSLLEY 07002	112001	10-11-10

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

10-11-10

Date

Waste Specialist

Title

/s/ Jon Tanaka

RWMC Signature

10/11/2010

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
OP-1165	R-10-LFY07002	112002	10-12-10

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

10-12-10

Date

Director

Title

/s/ Jon Tanaka

RWMC Signature

10/12/2010

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
^L DPM11005 ^{JH} 10-18-10	^L LRY5MWFY07002 ^{JH} 10-18-10	11L003	10-18-10

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

10-18-10

WGS Signature

Date

Waste Inspector

Title

/s/ Jon Tanaka

10/18/2010

RWMC Signature

Date

WASTE SPECIALIST
Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11006	LRY5LLFY99020	207108	2-2-11
DPL11006	LRY5LLFY07002	207108	2-2-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Robert Zion

WGS Signature

2-2-11

Date

Waste Inspector

Title

/s/ Burton Ford

RWMC Signature

2-Feb-2011

Date

WASTE SPECIALIST
Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11031	LRY5LLFY07002	386339	2/2/11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Robert Zion

WGS Signature

2/2/11

Date

Waste Inspector

Title

/s/ Ed Takahashi

RWMC Signature

02-FEB-2011

Date

SCIENTIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11110	LR55LLFY08002	380000, 390000, 410000, 500000, 540000	06-08-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Stefan Duke

WGS Signature

Manager
Title

6-8-11

Date

/s/ Jon Tanaka

RWMC Signature

WASTE SPECIALIST
Title

06-08-2011

Date

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11187	LRY5LLFY99020	11L232	9-14-11
DPL11187	LRY5LLFY99020	11L233	9-14-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ William Nicosia

9-14-11

WGS Signature

Date

Waste Engineer
(Title)

/s/ Louis Gregory

09-14-2011

RWMC Signature

Date

LLW Supervisor

Title

Asbestiform Low-Level Waste

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CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Site.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL09049	LRY5LLFY07003	09L068 (QG002891)	9-23-09
DPL09049	LRY5LLFY07003	210000 (QG002996)	9-23-09
DPL09049	LRY5LLFY07003	250000 (QG003000)	9-23-09

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Ed Takahashi

Signature

23-SEP-2009

Date

SCIENTIST

Title

COPY

Instructions:

Shipment Number – enter shipment number from LWIS database.
Date of Disposal – enter date waste was placed in disposal cell.

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11030	LRY5LLFY07003	710905	2-7-11
DPL11030	LRY5LLFY07003	710913	2-7-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-7-11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

02-07-2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11103	US 5LLI	360000	6-20-11 6-20-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Stefan Duke

WGS Signature

6-8-11

Date

Manager

Title

/s/ Jon Tanaka

RWMC Signature

6/29/11

Date

WASTE SPECIALIST

Title

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**Hazardous Waste, *Toxic Substances Control Act* Waste, and
Universal Waste
(Offsite Uniform Hazardous Waste Manifests)**

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UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NV3890090001	2. Page 1 of 7	3. Emergency Response Phone (702) 295-0311	4. Manifest Tracking Number 000956043 FLE	
5. Generator's Name and Mailing Address NETEC FOR USDOE P.O. BOX 08521, M/S NTS110 LAS VEGAS NV 89193 Generator's Phone: (702) 295-7365			Generator's Site Address (if different than mailing address) NETEC FOR USDOE NEVADA TEST SITE, HWY 95, M/S NTS110 MERCURY NV 89823			
6. Transporter 1 Company Name MP ENVIRONMENTAL SERVICES				U.S. EPA ID Number CAT000624247		
7. Transporter 2 Company Name				U.S. EPA ID Number		
8. Designated Facility Name and Site Address U.S. ECOLOGY HWY 95, 12 MILES SOUTH OF BEATTY BEATTY NV 89003 Facility's Phone: (800) 239-3943				U.S. EPA ID Number NVT330010000		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt/Vol	13. Waste Codes
		No.	Type			
R ¹	UN3432, Polychlorinated biphenyls, solid, 9, III	6	DM	824	K	
X ²	UN1824, Waste sodium hydroxide solution, 8, II	2	DF	112	P	D002
X ³	UN3267, Waste Corrosive liquid, basic, organic, n.o.s. (ammonia, sodium chromate), 8, I	1	DM	2	P	D007
X ⁴	UN1263, Waste Paint related material, 3, II	1	DM	222	P	D001
14. Special Handling Instructions and Additional Information 1. ERG171;0097 & 0098 (OSD 1/11/07,0205 (2/11/07),0206 (3/8/07),0316 (5/29/07),0366(8/3/07);13-1022. 2. ERG154;0047,0224;13-5512. 3. ERG153;0182;13-3271. 4. ERG128;0193;13-1015-LP. LOAD #07010.						
15. GENERATOR/SHOFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Officer's Printed/Typed Name CIRILO CARLOS GONZALES				Signature /s/ Cirilo Carlos Gonzales		Month Day Year 8 27 07
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Part of entry filed <input checked="" type="checkbox"/> Date leaving U.S.:						
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name CHES JETER Signature /s/ Ches Jeter Month Day Year 08 27 07 Transporter 2 Printed/Typed Name _____ Signature _____ Month Day Year _____						
18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____						
18b. Alternate Facility (or Generator) Facility's Phone: _____				U.S. EPA ID Number _____		
18c. Signature of Alternate Facility (or Generator) _____						Month Day Year _____
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. H132 2. H132 3. H141 4. H141						
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name Misty Brooke				Signature /s/ Misty Brooke		Month Day Year 10 8 2007

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator ID Number NV3890090001	22. Page of 2 7	23. Manifest Tracking Number 000956043
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24. Generator's Name
NSTEC FOR USDOE
P.O. BOX 98521, M/S MTS110
LAS VEGAS NV 89193

25. Transporter _____ Company Name U.S. EPA ID Number _____

26. Transporter _____ Company Name U.S. EPA ID Number _____

27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes		
		No.	Type					
X	5. UN1993, Waste Flammable liquid, n.o.s., 3, II	1	DM	265	P	D001	D005	D007
						D035		
X	6. UN1993, Waste Flammable liquid, n.o.s., 3, II	1	DM	131	P	D001		
RQ	7. UN1263, Waste Paint, 3, III (D001)	1	DM	555	P	D001	D018	
RQ	8. UN1993, Waste Flammable liquid, n.o.s. (methyl ethyl ketone, toluene), 3, III (D001)	1	DM	457 557 08/26/67	P	D001	D035	
X	9. UN1993, Waste Flammable liquid, n.o.s. (methyl ethyl ketone, methyl isobutyl ketone), 3, II	2	DM	927	P	D001	F003	F005
RQ	10. UN1993, Waste Flammable liquid, n.o.s. (chromium, silver), 3, II (strontium chromate)	1	DM	447	P	D001	D007	D011
						F003	F005	
RQ	11. UN1993, Waste Flammable liquid, n.o.s. (terpenes), 3, III (D001)	1	DM	210	P	D001		
X	12. UN1863, Waste Fuel, aviation, turbine engine, 3, III	4	DM	503	P	D001	D018	
X	13. UN1993, Waste Combustible liquid, n.o.s. (kerosene), III	1	DM	148	P	D010	D018	D019
						D021	D022	D023
X	14. UN1866, Waste Resin solution, 3, III	1	DM	251	P	D001	D035	

32. Special Handling Instructions and Additional Information
 5. ERG128;0286;13-1015-LP. 6. ERG128;0077;13-1015-LP. 7. ERG128;0053;13-0957. 8. ERG128;0057;13-1492.
 9. ERG128;0063;0110;13-1006. 10. ERG128;0279;13-1006. 11. ERG128;0227;13-1004. 12.
 ERG128;0062;0069;0105;0350;13-1495. 13. ERG128;0099;13-3529.ADD'L CODES: D024,27-30,32-43. 14.
 ERG127;0185;13-1015-LP. LOAD #07010. 08/26/67

33. Transporter Acknowledgment of Receipt of Materials
 Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____

34. Transporter Acknowledgment of Receipt of Materials
 Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____

35. Discrepancy _____

36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

H141	H141	H141	H141	H141
H141	H141	H141	H141	H141

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator ID Number NV3890090001	22. Page 3 of 7	23. Manifest Tracking Number 000956043
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24. Generator's Name **NSTEC FOR USDOE**
P.O. BOX 98521, M/S NTS110
LAS VEGAS NV 89193

25. Transporter _____ Company Name _____ U.S. EPA ID Number _____

26. Transporter _____ Company Name _____ U.S. EPA ID Number _____

27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes		
		No.	Type			D001	D005	D007
X	15. UN1993, Waste Flammable liquid, n.o.s., 3, II	1	DM	183	P	D001	D005	D007
						D011	D018	D019
X	16. NA1993, Waste Diesel fuel, 3, III	4	DM	1611	P	D001	D018	
X	17. Waste consumer commodity, ORM-D	1	DF	7	P	D001		
X	18. Waste consumer commodity, ORM-D	1	DM	91	P	D001	D035	
X	19. NA3077, Hazardous waste, solid, n.o.s. (chromium), 9, III	1	DM	98	P	D007		
X	20. NA3077, Hazardous waste, solid, n.o.s. (cadmium, chromium), 9, III	1	DM	88	P	D006	D007	
X	21. NA3077, Hazardous waste, solid, n.o.s. (lead), 9, III	2	DM	159	P	D008	F005	
X	22. NA3077, Hazardous waste, solid, n.o.s. (cadmium), 9, III	1	DM	333	P	D006		
X	23. NA3082, Hazardous waste, liquid, n.o.s. (cadmium), 9, III	2	DF	487	P	D006		
X	24. NA3077, Hazardous waste, solid, n.o.s. (chromium, methyl ethyl ketone), 9, III	1	DM	107	P	D005	D007	D035

32. Special Handling Instructions and Additional Information
 15. ERG128;0350;13-1015-LP.ADD'L CODES: D021,22,28,35,39. 16. ERG128;0294 THRU 0297;13-9713. 17. ERG171;0292;13-0956. 18. ERG171;0318;13-0956. 19. ERG171;0298;13-1506. 20. ERG171;0302;13-1018. 21. ERG171;0039,0040;13-5522. 22. ERG171;0106;13-1018. 23. ERG171;0060,0229;13-1024. 24. ERG171;0108;13-1025. LOAD #07010.

33. Transporter Acknowledgment of Receipt of Materials
 Printed/typed Name _____ Signature _____ Month _____ Day _____ Year _____

34. Transporter Acknowledgment of Receipt of Materials
 Printed/typed Name _____ Signature _____ Month _____ Day _____ Year _____

35. Discrepancy _____

36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal and recycling systems)

H141	H141	H141	H141	H132
H132	H14	H132	H132	H141

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number XV3890090001	22. Page of 4 7	23. Manifest Tracking Number 000986043				
24. Generator's Name NSTEC FOR USDOE P.O. BOX 98521, W/S NTS110 LAS VEGAS NV 89193								
25. Transporter _____ Company Name				U.S. EPA ID Number				
26. Transporter _____ Company Name				U.S. EPA ID Number				
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol	31. Waste Codes		
		No.	Type					
X	25. NA3077, Hazardous waste, solid, n.o.s. (chromium), 9, III	1	DM	99	P	D005	D007	
X	26. NA3077, Hazardous waste, solid, n.o.s. (benzene), 9, III	7	DM	872	P	D018		
X	27. NA3077, Hazardous waste, solid, n.o.s. (lead), 9, III	3	DM	400	P	D008		
X	28. NA3077, Hazardous waste, solid, n.o.s. (lead), 9, III	1	DF	102	P	D008		
X	29. NA3077, Hazardous waste, solid, n.o.s. (hexachlorobutadiene, hexachlorobenzene), 9, III	1	DM	88	P	D030	D032	D033
						D034	D036	D038
X	30. NA3077, Hazardous waste, solid, n.o.s. (chromium, methyl ethyl ketone), 9, III	1	DM	80	P	D007	D018	F002
						F005		
X	31. NA3077, Hazardous waste, solid, n.o.s. (methyl ethyl ketone, toluene), 9, III	1	DM	20	P	F005		
X	32. NA3077, Hazardous waste, solid, n.o.s. (cadmium, lead), 9, III	1	DM	79	P	D006	D008	
X	33. NA3077, Hazardous waste, solid, n.o.s. (cadmium, chromium), 9, III	2	DM	112	P	D006	D007	
X	34. NA3082, Hazardous waste, liquid, n.o.s. (cadmium, lead), 9, III	1	DM	174	P	D006	D008	D018
						D019	D028	D029
32. Special Handling Instructions and Additional Information 25. ERG171;0109;13-1506. 26. ERG171;0067,0231,0278,0327,0328,0348,0349;13-1025. 27. ERG171;0082,0169,0329;13-1506. 28. ERG171;0103;13-1506. 29. ERG171;0070;14-5295. ADD'L CODE: D042. 30. ERG171;0054;13-1025. 31. ERG171;0056;13-1025. 32. ERG171;0300;13-1506. 33. ERG171;0303,0304;13-1021. 34. ERG171;0267;13-3528. ADD'L CODES: D030, 32-34, 36-40, 42, 43. LOAD #07010.								
33. Transporter Acknowledgment of Receipt of Materials								
Printed/Typed Name		Signature		Month Day Year				
34. Transporter Acknowledgment of Receipt of Materials								
Printed/Typed Name		Signature		Month Day Year				
35. Discrepancy								
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
H132		H141		H132				
H14		H141		H132				

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NV3890090001	22. Page of 5 7	23. Manifest Tracking Number 000956043				
24. Generator's Name NSTEC FOR USDOE P.O. BOX 98521, M/S NTS110 LAS VEGAS NV 89103								
25. Transporter _____ Company Name				U.S. EPA ID Number				
26. Transporter _____ Company Name				U.S. EPA ID Number				
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes		
		No.	Type					
X	35. NA3082, HAZARDOUS waste, liquid, n.o.s. (cadmium, lead), 9, III	1	DM	396	P	D006	D008	D018
						D019	D023	D024
X	36. NA3082, HAZARDOUS waste, liquid, n.o.s. (pyridine, pentachlorophenol), 9, III	1	DM	397	P	D006	D008	D012
						D015	D018	D019
X	37. NA3082, HAZARDOUS waste, liquid, n.o.s. (cadmium, lead), 9, III	1	DM	363	P	D006	D008	D012
						D015	D018	D019
X	38. NA3082, HAZARDOUS waste, liquid, n.o.s. (pyridine, pentachlorophenol), 9, III	4	DM	1566	P	D006	D008	D018
						D019	D023	D024
X	39. NA3082, Hazardous waste, liquid, n.o.s. (pyridine, benzene), 9, III	1	DM	314	P	D018	D019	D023
						D024	D025	D028
X	40. NA3082, Hazardous waste, liquid, n.o.s. (pyridine, pentachlorophenol), 9, III	1	DM	448	P	D006	D008	D018
						D019	D023	D024
X	41. NA3082, Hazardous waste, liquid, n.o.s. (pyridine, pentachlorophenol), 9, III	1	DM	443	P	D005	D006	D008
						D018	D019	D023
X	42. NA3077, Hazardous waste, solid, n.o.s. (pyridine, pentachlorophenol), 9, III	1	DM	597	P	D006	D008	D018
						D019	D023	D024
X	43. NA3077, Hazardous waste, solid, n.o.s. (toluene, methanol), 9, III	1	DF	4	P	F003	F005	
X	44. NA3077, Hazardous waste, solid, n.o.s. (barium, cadmium), 9, III	1	DM	128	P	D005	D006	D008
						D012	D015	D018
32. Special Handling Instructions and Additional Information 35. ERG171;0326;13-3528. SEE LDR FOR MORE CODES. 36. ERG171;0317;13-3528. SEE LDR. 37. ERG171;0321;13-3528. SEE LDR. 38. ERG171;0084;0087;0092;0320;13-3528. SEE LDR. 39. ERG171;0322;13-3528. SEE LDR. 40. ERG171;0088;13-3528. SEE LDR. 41. ERG171;0319;13-3528. SEE LDR. 42. ERG171;0093;14-5294. SEE LDR. 43. ERG171;0293;13-1025. 44. ERG171;0324;14-5295. SEE LDR. LOAD #07010.								
33. Transporter Acknowledgment of Receipt of Materials								
Printed/Typed Name			Signature		Month Day Year			
34. Transporter Acknowledgment of Receipt of Materials								
Printed/Typed Name			Signature		Month Day Year			
35. Discrepancy								
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
H141		H141		H141		H141		
H141		H141		H141		H141		

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NV3890090001	22. Page of 6 7	23. Manifest Tracking Number 000958043				
24. Generator's Name NSTEC FOR USDOE P.O. BOX 98521, M/S NTS110 LAS VEGAS NV 89193								
25. Transporter _____ Company Name				U.S. EPA ID Number				
26. Transporter _____ Company Name				U.S. EPA ID Number				
27a. HM	27b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes		
		No.	Type					
X	45. NA3077, Hazardous waste, solid, n.o.s. (barium, pyridine), 9, III	1	DM	400	P	D005	D006	D008
						D012	D015	D018
X	46. NA3077, Hazardous waste, solid, n.o.s. (cadmium, lead), 9, III	1	DM	196	P	D006	D008	D030
						D032	D033	D034
RQ	47. NA3082, Hazardous waste, liquid, n.o.s. (silver), 9, III (D011)	8	DM	356	P	D011		
X	48. NA3082, Hazardous waste, liquid, n.o.s., 9, III	1	DF	5	P	D007		
RQ	49. NA3082, Hazardous waste, liquid, n.o.s. (lead), 9, III (D008)	1	DM	382	P	D008		
X	50. UN2672, Waste Ammonia solutions, 8, III	1	DF	10	P	D002		
X	51. UN3264, Waste Corrosive liquid, acidic, inorganic, n.o.s., 8, II	1	DF	2	P	D007		
RQ	52. UN3264, Waste Corrosive liquid, acidic, inorganic, n.o.s. (ammonium-iron-EDTA), 8, III (D011)	4	DF	200	P	D011		
X	53. UN1851, Waste Medicine, liquid, toxic, n.o.s. (epinephrine), 6.1, II	1	DF	14	P	P042		
RQ	54. UN1993, Waste Flammable liquid, n.o.s. (mineral spirits), 3, III (D001)	14	DM	7406	P	D001		
32. Special Handling Instructions and Additional Information 45. ERG171;0323;14-5294.ADD'L CODES:D019,20,22-25,28-34,36-43, 46. ERG171;0325;14-5294.ADD'L CODES:D036,42, 47. ERG171;0001,0048,0049,0050,0208,0209,0210,0225;13-3233, 48. ERG171;0078;13-1016-LP. 49. ERG171;0228;14-0867. 50. ERG154;0079;13-7715-40. 51. ERG154;0198;13-1016-LP. 52. ERG154;0046,0221,0222,0223;14-0867. 53. ERG151;0168;13-1065. 54. ERG128;0331 THRU 0344;13-0960. LOAD#07020								
33. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signatures _____ Month _____ Day _____ Year _____								
34. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signatures _____ Month _____ Day _____ Year _____								
35. Discrepancy								
36. Hazardous Waste Remediation Method Codes (Use codes for hazardous waste treatment, disposal, and recycling systems)								
H141		H141		H132		H132		
H132		H132		H132		H141		

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NV3890090001	2. Page 1 of 8	3. Emergency Response Phone (702) 295-0311	4. Manifest Tracking Number 000956096 FLE		
5. Generator's Name and Mailing Address NSTEC FOR USDOE P.O. BOX 88521, M/S NTS110 LAS VEGAS NV 89193 Generator's Phone: (702) 295-7345			Generator's Site Address (if different than mailing address) NSTEC FOR USDOE - NEVADA TEST SITE HWY 95, 65 MI. NW OF LAS VEGAS MERCURY NV 89023				
6. Transporter 1 Company Name RINCHEM			U.S. EPA ID Number NMD002208627				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address RINCHEM COMPANY, INC. 6133 EDITH BLVD., NE ALBUQUERQUE NM 87107 Facility's Phone: (800) 831-3655			U.S. EPA ID Number NMD002208627				
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes
	X	1. UN1824, Waste Sodium hydroxide solution, 8, II	2	DF	173	P	D002
	X	2. UN2920, Waste Corrosive liquid, flammable, n.o.s. (xylene, polyethylenepolyamines), 8, (3), II	1	DM	10	P	D001 D002
	X	3. UN1719, Waste Caustic alkali liquid, n.o.s. (sodium hydroxide), 8, II	1	DF	23	P	D002
	RQ	4. UN2809, Waste Mercury, 8, III	1	DM	112	P	D009
14. Special Handling Instructions and Additional Information 1. ERG 154; #07-0361; #08-0110; RC8327. 2. ERG 132; #08-0089; RC8326. 3. ERG 154; #08-0053; RC8325. 4. ERG 122; #08-0177; RC6893. LOAD 08011.							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offoror's Printed/Typed Name CIRILO CARLOS GONZALES			Signature /s/ Cirilo Carlos Gonzales		Month Day Year 05 29 08		
TRANSPORTER INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name John m Pascalella Signature /s/ John Pascalella Month Day Year 5 29 08 Transporter 2 Printed/Typed Name _____ Signature _____ Month Day Year _____						
DESIGNATED FACILITY	18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____						
	18b. Alternate Facility (or Generator)			U.S. EPA ID Number			
	Facility's Phone: _____			Month Day Year			
	18c. Signature of Alternate Facility (or Generator) _____ Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. H141		2. H141		3. H141		4. H141	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name Bonnie Clements			Signature /s/ Bonnie Clements		Month Day Year 06 09 08		

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UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NV3890090001		22. Page 2 of 8		23. Manifest Tracking Number 000956096 FLE			
24. Generator's Name NSTEC FOR USDGE P.O. BOX 98521, M/S NTS110 LAS VEGAS NV 89193									
25. Transporter _____ Company Name						U.S. EPA ID Number			
26. Transporter _____ Company Name						U.S. EPA ID Number			
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes			
		No.	Type						
X	5. UN3266, Waste Corrosive liquid, basic, inorganic, n.o.s., 8, III	1	DF	2	P	D002	D008		
X	6. UN1760, Waste Corrosive liquid, n.o.s., 8, III	1	DF	4	P	D002			
X	7. UN2922, Waste Corrosive liquid, toxic, n.o.s., 8, (6.1), III	1	DF	4	P	D002	D003		
X	8. UN1814, Waste Potassium hydroxide solution, 8, II	1	DF	2	P	D002	D008		
RQ	9. UN1993, Waste Flammable liquid, n.o.s. (isopropyl alcohol), 3, II (D001)	2	DM	743	P	D001			
X	10. UN1993, Waste Flammable liquid, n.o.s. (mineral spirits), 3, II	1	DF	37	P	D001			
RQ	11. UN1993, Waste Flammable liquid, n.o.s. (silver, methyl isobutyl ketone, methyl ethyl ketone), 3, II (D011)	1	DM	249	P	D001	D011	F003	F005
X	12. UN1993, Waste Flammable liquid, n.o.s. (methyl isobutyl ketone, methyl ethyl ketone), 3, II	3	DM	977	P	D001	F003	F005	
X	13. UN1863, Waste Fuel, aviation, turbine engine, 3, III	1	DM	295	P	D001	D018		
X	14. UN1139, Waste Coating solution, 3, III	1	DM	275	P	D001			
32. Special Handling Instructions and Additional Information 5. ERG 154;#08-0178 LP;RC8319. 6. ERG 154;#07-0394 LP;RC8319. 7. ERG 154;#08-0038 LP;RC8319. 8. ERG 154;#07-0412 LP;RC8319. 9. ERG 128;#07-0405,#07-0406;RC6269. 10. ERG 128;#08-0087;RC6269. 11. ERG 128;#08-0122;RC6276. 12. ERG 128;#07-0421,-0431,-0432;RC6276. 13. ERG 128;#08-0025;RC6801. 14. ERG 127;#07-0411 LP;RC8319. LOAD 08011.									
33. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____									
34. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____									
35. Discrepancy									
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H141 H141 H141 H141 H141 H141									

GENERATOR

TRANSPORTER

DESIGNATED FACILITY

DESIGNATED FACILITY TO GENERATOR

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Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator ID Number NV3890090001	22. Page 3 of 8	23. Manifest Tracking Number 000956096 FLE
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24. Generator's Name
NSTEC FOR USDOE
P.O. BOX 98521, M/S NTS110
LAS VEGAS NV 89193

25. Transporter _____ Company Name _____ U.S. EPA ID Number _____

26. Transporter _____ Company Name _____ U.S. EPA ID Number _____

27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes		
		No.	Type					
X	15. UN1993, Waste Flammable liquid, n.o.s., 3, II	2	DM	348	P	D001		
X	16. UN1993, Waste Flammable liquid, n.o.s., 3, II	1	DM	121	P	D001	D008	D035
X	17. UN1263, Waste Paint, 3, II	1	DM	171	P	D001	D035	
X	18. UN1993, Waste Flammable liquid, n.o.s., 3, II	1	DM	179	P	D001	D007	D008
						D018	D035	
X	19. UN1993, Waste Flammable liquid, n.o.s., 3, II	1	DM	179	P	D001	D011	D018
						D035	U154	
X	20. UN1993, Waste Flammable liquid, n.o.s., 3, III	1	DM	121	P	D001	D005	
X	21. UN1993, Waste Flammable liquid, n.o.s., 3, II	1	DM	171	P	D001	D035	
X	22. UN1993, Waste Flammable liquid, n.o.s., 3, II	1	DM	135	P	D001	D018	U154
X	23. Waste Consumer commodity, ORM-D	1	DM	214	P	D001	D004	D005
						D006	D008	D009
X	24. Waste Consumer commodity, ORM-D	1	DF	86	P	D001	D005	D006
						D008	D018	D035

32. Special Handling Instructions and Additional Information
 15. ERG 128;#08-0090,-0181 LP;RC8319. 16. ERG 128;#08-0091 LP;RC8319. 17. ERG 128;#08-0117 LP;RC8319.
 18. ERG 128;#08-0182 LP;RC8319. 19. ERG 128;#08-0183 LP;RC8319. 20. ERG 128;#07-0419 LP;RC8319. 21. ERG
 128;#08-0184 LP;RC8319. 22. ERG 128;#08-0143 LP;RC8319. 23. ERG 171;#08-0179;ADD'L CODES
 D018,D035;RC6271. 24. ERG 171;#08-0180;RC6271. LOAD 08011.

33. Transporter _____ Acknowledgment of Receipt of Materials
 Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____

34. Transporter _____ Acknowledgment of Receipt of Materials
 Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____

35. Discrepancy _____

36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
 H141 | H141 | H141 | H141 | H141 | H141

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UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NV3890090001		22. Page 4 of 8		23. Manifest Tracking Number 000956096 FLE			
24. Generator's Name NSTEC FOR USDOE P.O. BOX 98521, M/S NTS110 LAS VEGAS NV 89193									
25. Transporter Company Name						U.S. EPA ID Number			
26. Transporter Company Name						U.S. EPA ID Number			
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes			
		No.	Type						
X	25. UN1760, Waste Corrosive liquid, n.o.s., 8, II	1	DF	52	P	D002			
X	26. UN2817, Waste Ammonium hydrogendifluoride, solution, 8, (6.1), II. Toxic,	1	DF	7	P	D002			
RQ	27. UN2794, Waste Batteries, wet, filled with acid, 8, III (D008)	1	DF	400	P	D002	D004	D008	
X	28. UN2800, Waste Batteries, wet, non-spillable, 8, III	1	DF	25	P	D002	D008	D011	
X	29. UN3264, Waste Corrosive liquid, acidic, inorganic, n.o.s. (ammonium-iron-EDTA), 8, III	1	DF	137	P	D011			
X	30. NA3082, Hazardous waste, liquid, n.o.s. (pentachlorophenol, pyridine), 9, III	1	DM	278	P	D005	D006	D008	
						D012	D015	D018	
X	31. NA3082, Hazardous waste, liquid, n.o.s. (arsenic), 9, III	18	DM	5887	P	D004			
RQ	32. NA3082, Hazardous waste, liquid, n.o.s. (barium, di-n-butyl phthalate), 9, III (di-n-butyl phthalate)	3	DM	1582	P	D005			
X	33. NA3082, Hazardous waste, liquid, n.o.s. (cadmium), 9, III	2	DF	451	P	D006			
X	34. NA3082, Hazardous waste, liquid, n.o.s., 9, III	1	DF	10	P	D006	D022		
32. Special Handling Instructions and Additional Information 25. ERG154;#08-0186 LP;RC8319. 26. ERG154;#08-0159;RC8324. 27. ERG154;#08-0185;RC6279. 28. ERG154;#08-0049;RC6279. 29. ERG154;#08-0187;RC8323. 30. ERG171;#07-0368;ADD'L CODES D019,D020,D023-D025,D028-D034,D036-D043;RC8321. 31. ERG171;#07-0370THRU-0384,08-0044,-0046,-0048;RC8322. 32. ERG171;#07-0407THRU-0409;RC8320. 33. ERG171;#08-0041,-0115;RC6937. 34. ERG171;#08-0040 LP;RC8319. LOAD#08011.									
33. Transporter Acknowledgment of Receipt of Materials									
Printed/Typed Name					Signature			Month Day Year	
34. Transporter Acknowledgment of Receipt of Materials									
Printed/Typed Name					Signature			Month Day Year	
35. Discrepancy									
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
H141 H141 H141 H141 H141									
H141 H141 H141 H141 H141									

GENERATOR

TRANSPORTER

DESIGNATED FACILITY

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Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NV3890090001		22. Page 5 of 8		23. Manifest Tracking Number 000956096 FLE	
24. Generator's Name NSTEC FOR USDOE P.O. BOX 98521, M/S NTS110 LAS VEGAS NV 89193							
25. Transporter _____ Company Name						U.S. EPA ID Number	
26. Transporter _____ Company Name						U.S. EPA ID Number	
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes	
		No.	Type				
X	35. NA3082, Hazardous waste, liquid, n.o.s. (chloroform, potassium phosphate (monobasic)), 9, III	1	DF	9	P	D022	
X	36. NA3082, Hazardous waste, liquid, n.o.s., 9, III	1	DF	5	P	D007	
X	37. NA3082, Hazardous waste, liquid, n.o.s. (chromium), 9, III	1	DM	266	P	D007	
X	38. NA3082, Hazardous waste, liquid, n.o.s. (lead), 9, III	2	DM	332	P	D008	
X	39. NA3082, Hazardous waste, liquid, n.o.s. (silver), 9, III	1	DF	549	P	D011	
X	40. NA3082, Hazardous waste, liquid, n.o.s., 9, III	1	DF	8	P	D011	
X	41. NA3077, Hazardous waste, solid, n.o.s. (arsenic), 9, III	5	DM	511	P	D004	
X	42. NA3077, Hazardous waste, solid, n.o.s. (cadmium), 9, III	1	DM	70	P	D006	
X	43. NA3077, Hazardous waste, solid, n.o.s. (cadmium), 9, III	1	DM	143	P	D006	
RQ	44. NA3077, Hazardous waste, solid, n.o.s. (chromium), 9, III (D007)	1	DM	321	P	D007	
32. Special Handling Instructions and Additional Information 35. ERG 171;#08-0042;RC8340. 36. ERG 171;#08-0190 LP;RC8319. 37. ERG 171;#07-0410;RC8339. 38. ERG 171;#08-0034,-0052;RC6285. 39. ERG 171;#08-0188;RC6894. 40. ERG 171;#08-0191 LP;RC8319. 41. ERG 171;#07-0385THRU-0387,08-0045,-0047;RC8318. 42. ERG 171;#08-0054;RC6288. 43. ERG 171;#07-0367;RC8318. 44. ERG 171;#07-0415;RC8318. LOAD 08011.							
33. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____							
34. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____							
35. Discrepancy							
36. Hazardous Waste Report Management Method Codes (i.e. codes for hazardous waste treatment, disposal and recycling systems)							
H141 H141 H141 H141 H141							
H141 H141 H141 H141 H141							

GENERATOR

TRANSPORTER

DESIGNATED FACILITY

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UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NV3890090001	22. Page 6 of 8	23. Manifest Tracking Number 000956096 FLE				
24. Generator's Name NSTEC FOR USDOE P.O. BOX 98521, M/S NTS110 LAS VEGAS NV 89193								
25. Transporter _____ Company Name						U.S. EPA ID Number		
26. Transporter _____ Company Name						U.S. EPA ID Number		
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes		
		No.	Type					
X	45. NA3077, Hazardous waste, solid, n.o.s. (chromium, lead), 9, III	4	DM	248	P	D007	D008	
RQ	46. NA3077, Hazardous waste, solid, n.o.s. (benzene, chromium, methyl ethyl ketone), 9, III (D007)	1	DM	111	P	D007	D018	D035
RQ	47. NA3077, Hazardous waste, solid, n.o.s. (chromium, methyl ethyl ketone), 9, III (D007)	1	DM	87	P	D007	D035	
X	48. NA3077, Hazardous waste, solid, n.o.s. (lead, isobutanol), 9, III	2	DM	131	P	D008	F005	
X	49. NA3077, Hazardous waste, solid, n.o.s. (lead), 9, III	2	DM	311	P	D008		
X	50. NA3077, Hazardous waste, solid, n.o.s. (benzene), 9, III	9	DM	884	P	D018		
X	51. NA3077, Hazardous waste, solid, n.o.s. (benzene), 9, III	3	DF	23	P	D018		
X	52. NA3082, Hazardous waste, liquid, n.o.s. (nitroglycerin solution), 9, III	1	DF	2	P	P081		
X	53. UN1475, Waste Magnesium perchlorate, 5.1, II	1	DF	9	P	D001		
X	54. UN1444, Waste Ammonium persulfate, 5.1, III	1	DF	7	P	D001		
32. Special Handling Instructions and Additional Information 45. ERG 171;#08-0097,-0098,-0103,-0104;RC8318. 46. ERG 171;#07-0420;RC8318. 47. ERG 171;#08-0121;RC8318. 48. ERG 171;#07-0389,-0390;RC8318. 49. ERG 171;#08-0035,-0084;RC8318. 50. ERG 171;#07-0364,-0414,08-0024,-0060,-0112THRU-0114,-0118,-0120;RC8318. 51. ERG 171;#07-0413,08-0073,-0119;RC8318. 52. ERG 171;#08-0076;RC6312. 53. ERG 140;#07-0428;RC7929. 54. ERG 140;#07-0416;RC8333, LOAD 08011.								
33. Transporter _____ Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____								
34. Transporter _____ Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____								
35. Discrepancy								
36. Hazardous Waste Report Management Method Codes (i.e. codes for hazardous waste treatment, disposal and recycling systems)								
H141 H141 H141 H141 H141								
H141 H141 H141 H141 H141								

GENERATOR

TRANSPORTER

DESIGNATED FACILITY

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UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NV3890090001	22. Page 7 of 8	23. Manifest Tracking Number 000956096 FLE														
24. Generator's Name NSTEC FOR USDOE P.O. BOX 98521, M/S NTS110 LAS VEGAS NV 89193																		
25. Transporter _____ Company Name						U.S. EPA ID Number												
26. Transporter _____ Company Name						U.S. EPA ID Number												
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes												
		No.	Type															
X	55. UN3139, Waste Oxidizing liquid, n.o.s. (manganese dioxide), 5.1, III	1	DF	15	P	D001	D018											
X	56. UN1493, Waste Silver nitrate, 5.1, II. Solution.	1	DF	6	P	D001	D011											
X	57. UN1956, Waste Compressed gas, n.o.s. (chlorodifluoromethane, isocyanates), 2.2	1	DF	22	P	D003												
X	58. UN1956, Compressed gas, n.o.s. (pentafluoropropane, tetrafluoroethane), 2.2. Non-RCRA.	1	DF	21	P													
X	59. UN1078, Refrigerant gases, n.o.s. (dichlorodifluoromethane, chlorodifluoromethane), 2.2. Non-RCRA.	1	DF	69	P													
X	60. UN1888, Waste Chloroform, 6.1, III. Toxic.	1	DF	10	P	D022	U044											
X	61. UN1851, Waste Medicine, liquid, toxic, n.o.s. (epinephrine), 6.1, II	1	DF	3	P	P042												
X	62. Waste Consumer commodity, ORM-D	1	DF	4	P	D001	D035											
	63. Non-RCRA Regulated Liquid. Non-DOT.	2	DF	784	P													
	64. Non-RCRA Regulated Liquid (Arathane 5753A). Non-DOT.	1	DF	2	P													
32. Special Handling Instructions and Additional Information 55. ERG 140;#08-0028;RC8332. 56. ERG 140;#08-0093;RC8331. 57. ERG 126;#08-0021;RC8335. 58. ERG 126;#08-0022 NON-RCRA;RC8343. 59. ERG 126;#07-0369 NON-RCRA;RC8334. 60. ERG 151;#07-0425 LP;RC8319. 61. ERG 151;#08-0075;RC6310. 62. ERG 171;#08-0192;RC8337. 63. #08-0069, -0189; RC8336. 64. #08-0083; RC8336. LOAD 08011.																		
33. Transporter _____ Acknowledgment of Receipt of Materials																		
Printed/Typed Name			Signature		Month Day Year													
34. Transporter _____ Acknowledgment of Receipt of Materials																		
Printed/Typed Name			Signature		Month Day Year													
35. Discrepancy																		
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)																		
<table style="width:100%; text-align: center;"> <tr> <td>H141</td> <td>H141</td> <td>H141</td> <td>H141</td> <td>H141</td> <td>H141</td> </tr> <tr> <td>H141</td> <td>H141</td> <td>H141</td> <td>H141</td> <td>H141</td> <td>H141</td> </tr> </table>							H141	H141	H141	H141	H141	H141	H141	H141	H141	H141	H141	H141
H141	H141	H141	H141	H141	H141													
H141	H141	H141	H141	H141	H141													

GENERATOR

TRANSPORTER

DESIGNATED FACILITY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NV3890090001	22. Page 8 of 8	23. Manifest Tracking Number 000956096 FLE		
24. Generator's Name NSTEC FOR USDOE P.O. BOX 98521, M/S NTS110 LAS VEGAS NV 89193						
25. Transporter _____ Company Name				U.S. EPA ID Number		
26. Transporter _____ Company Name				U.S. EPA ID Number		
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No. Type		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes
	65. Non-RCRA, Non-DOT Regulated Liquid	13	DM	3542	P	
X	66. UN2922, Corrosive liquid, toxic, n.o.s. (dimethylmethylenebis (cyclohexylamine)), 8, (6.1), III. Non-RCRA.	1	DF	2	P	
	67. Universal Waste - Fluorescent Lamps	1	DF	74	P	
	68. Universal Waste - Metal Halide Lamps	3	DF	157	P	
32. Special Handling Instructions and Additional Information 65. #08-0063THRU-0068, -0077THRU-0082, -0175; RC8336. 66. ERG 154; #08-0125; RC8338. 67. #08-0193, 268 LF, ACC. DATE 8/4/07. RC6814. 68. #08-0194, -0195, & -0196. ACC. DATE 7/27/07. RC6320. LOAD 08011.						
33. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____						
34. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____						
35. Discrepancy						
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H141 H141 H141 H141						

GENERATOR

TRANSPORTER

DESIGNATED FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NV3890090001	2. Page 1 of 3	3. Emergency Response Phone (702) 295-0311	4. Manifest Tracking Number 000956098 FLE		
5. Generator's Name and Mailing Address NSTEC FOR USDOE P.O. BOX 98521, MWB NTS119 LAS VEGAS NV 89193 Generator's Phone: (702) 295-7365			Generator's Site Address (if different than mailing address) NSTEC FOR USDOE HWY 95, 65 MILES NW OF LAS VEGAS MERCURY NV 89023				
6. Transporter 1 Company Name MP ENVIRONMENTAL			U.S. EPA ID Number CAT000624247				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address U.S. ECOLOGY HWY 95, 12 MILES SOUTH OF BEATTY BEATTY NV 89003 Facility's Phone: (800) 239-3943			U.S. EPA ID Number NVT330010000				
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	RQ	¹ UN2809, Waste Mercury, 8, III	1	DF	2	P	D009
	X	² UN1719, Waste Caustic alkali liquids, n.o.s., 8, II	1	DF	204	P	D002
	RQ	³ UN3432, Polychlorinated biphenyls, solid, 9, III	7	DM	720	K	
	RQ	⁴ UN2315, Polychlorinated biphenyls, liquid, 9, III	1	DM	29	K	
14. Special Handling Instructions and Additional Information 1. ERG 172; NS-NTS-08-0225; 13-0962. 2. ERG 154; NS-NTS-08-0207; 13-1015-LP. 3. ERG 171; NS-NTS-08-0100(OSD 1/10/08), -0101(OSD 1/10/08), -0144(OSD 2/4/08), -0146(OSD 2/4/08), -0200(OSD 4/21/08), -0201(OSD 4/21/08), -0226(OSD 5/5/08); 13-1022. 4. ERG 171; NS-NTS-08-0202 (OSD 4/21/08); 13-1022. LOAD 08013.							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offeror's Printed/Typed Name CIRILO CARLOS GONZALES			Signature /s/ Cirilo Carlos Gonzales		Month Day Year 7 22 08		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Gregory Snelson Signature /s/ Gregory Snelson Month Day Year 07 22 08							
Transporter 2 Printed/Typed Name _____ Signature _____ Month Day Year _____							
18. Discrepancy 18a. Discrepancy Indication Spec <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____							
18b. Alternate Facility (or Generator) Facility's Phone: _____			U.S. EPA ID Number _____				
18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. H141 2. H141 3. H132 4. H132							
20. Designated Facility Owner or Operator. Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name Jeremy G. Signature /s/ Jeremy G. Month Day Year 7 22 08							

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NV3890090001	22. Page 2 of 3	23. Manifest Tracking Number 000956998 FLE				
24. Generator's Name NGTEC FOR USDOE P.O. BOX 98521, M/S NTS110 LAS VEGAS NV 89193								
25. Transporter _____ Company Name				U.S. EPA ID Number				
26. Transporter _____ Company Name				U.S. EPA ID Number				
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit WL/Vol.	31. Waste Codes		
		No.	Type					
X	5. UN1268, waste Petroleum distillates, n.o.s., 3, II	2	DM	491	P	D001		
X	6. UN1993, waste Flammable liquid, n.o.s., 3, II	1	DM	149	P	D001	D018	D035
X	7. UN1993, waste Flammable liquid, n.o.s. (methyl isobutyl ketone, methyl ethyl ketone, toluene), 3, II	3	DM	1304	P	D001	F003	F005
X	8. UN1760, waste Corrosive liquid, n.o.s. (hydrochloric acid, isopropyl alcohol), 8, II	2	DF	752	P	D002		
X	9. UN1760, waste Corrosive liquid, n.o.s., 8, II	1	DM	102	P	D002		
X	10. NA3077, Hazardous waste, solid, n.o.s. (lead), 9, III	2	DM	382	P	D008		
X	11. NA3077, Hazardous waste, solid, n.o.s. (benzene), 9, III	5	DM	717	P	D018		
X	12. NA3077, Hazardous waste, solid, n.o.s. (benzene), 9, III	1	DM	71	P	D018		
X	13. NA3082, Hazardous waste, liquid, n.o.s., 9, III	1	DF	2	P	D007		
X	14. NA3082, Hazardous waste, liquid, n.o.s., 9, III	1	DF	9	P	D035		
32. Special Handling Instructions and Additional Information 5. ERG 128; NS-NTS-08-0221, -0222; 13-0960. 6. ERG 128; NTS-08-0229; 13-1015-LP. 7. ERG 128; NTS-08-0170, -0171, -0217; 13-1006. 8. ERG 154; NTS-08-0197, -0198; 13-1007. 9. ERG 154; NTS-08-0199; 13-1015-LP. 10. ERG 171; NTS-08-0204, -0206; 13-1019. 11. ERG 171; NTS-08-0165, -0205, -0213, -0214, -0215; 14-5295. 12. ERG 171; NTS-08-0226; 14-5295. 13. ERG 171; NTS-08-0230; 13-1016-LP. 14. ERG 171; NTS-08-0231; 13-1015-LP. LOAD 08013.								
33. Transporter Acknowledgment of Receipt of Materials								
Printed/Typed Name		Signature			Month	Day	Year	
34. Transporter Acknowledgment of Receipt of Materials								
Printed/Typed Name		Signature			Month	Day	Year	
35. Discrepancy								
36. Hazardous Waste Report Management Method Codes (i.e. codes for hazardous waste treatment, disposal, and recycling systems)								
H141 H141 H141 H132 H141								
H132 H132 H132 H132 H141								

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NV3890090001	22. Page 3 of 3	23. Manifest Tracking Number 000956098 FLE				
24. Generator's Name NSTEC FOR USDOE P.O. BOX 98521, M/S NTS110 LAS VEGAS NV 89193								
25. Transporter _____ Company Name					U.S. EPA ID Number			
26. Transporter _____ Company Name					U.S. EPA ID Number			
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (# any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes		
		No.	Type					
X	15. NA3082, Hazardous waste, liquid, n.o.s. (cadmium), 9, III	1	DF	427	P	D006		
	16. Universal Waste - Fluorescent Lamps	2	DF	129	P			
32. Special Handling Instructions and Additional Information 15. ENG 171; NS-NTS-08-0210; 13-1024. 16. NS-NTS-08-0223, 4/23/08, 538 LF, 13-0167; 08-0224, 4/28/08, 80 LF, 13-0167. LOAD 08013.								
33. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____								
34. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____								
35. Discrepancy								
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) HYS2 H141								

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NY3B900900D1	22. Page 2 of 6	23. Manifest Tracking Number 000956143 FLE				
24. Generator's Name NSTEC FOR USDOE P.O. BOX 98521, M/S NTS110 LAS VEGAS NV 89193								
25. Transporter _____ Company Name				U.S. EPA ID Number				
26. Transporter _____ Company Name				U.S. EPA ID Number				
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit (Wt./Vol.)	31. Waste Codes		
		No.	Type			D001	D007	D008
X	5. UN1993, waste Flammable liquids, n.o.s., 3, II. Labpack. ERG 128.	1	DM	225	P	D001	D007	D008
X	6. waste Consumer Commodity, DRM-D. ERG 171.	1	DF	130	P	D001	D004	D005
RQ	7. UN1263, waste Paint related material, 3, II (D001). ERG 128.	1	DM	340	P	D001	F003	F005
X	8. UN3265, waste Corrosive liquid, acidic, organic, n.o.s., 8, III. Labpack. ERG 153.	1	DF	11	P	D002		
X	9. UN2800, waste Batteries, wet, non-spillable, 8, III. Lead-acid batteries. ERG 154.	1	DF	50	P	D002	D004	D008
X	10. UN3264, waste Corrosive liquid, acidic, inorganic, n.o.s. (ammonium-iron-EDTA), 8, III. ERG 154.	1	DF	50	P	D011		
X	11. UN3264, waste Corrosive liquid, acidic, inorganic, n.o.s. (sulfuric acid), 8, II. ERG 154.	1	DF	7	P	D002		
RQ	12. UN1718, waste Butyl acid phosphate, 8, III (D002). Labpack. ERG 153.	1	DM	104	P	D002		
X	13. NA3077, Hazardous waste, solid, n.o.s. (benzene), 9, III. ERG 171.	3	DM	502	P	D018		
X	14. NA3077, Hazardous waste, solid, n.o.s. (cadmium), 9, III. ERG 171.	1	DF	28	P	D006		
32. Special Handling Instructions and Additional Information 5. NS-NTS-09-0009; LP 13-1015. 6. NS-NTS-09-0007; ALSO D018, D035; 13-1492. 7. NS-NTS-08-0254; 13-0955. 8. NS-NTS-08-0233; LP 13-1015. 9. NS-NTS-08-0235; 13-1009. 10. NS-NTS-08-0239; 14-0865. 11. NS-NTS-08-0268; 13-1007. 12. NS-NTS-08-0285; LP 13-1015. 13. NS-NTS-08-0241, -0242, -0249; 14-5295. 14. NS-NTS-08-0243; 14-5295. LOAD 09001.								
33. Transporter Acknowledgment of Receipt of Materials								
Printed/Typed Name				Signature		Month Day Year		
34. Transporter Acknowledgment of Receipt of Materials								
Printed/Typed Name				Signature		Month Day Year		
35. Discrepancy								
36. Hazardous Waste Report Management Method Codes (refer codes for hazardous waste treatment, disposal, and recycling systems)								
H411 H411 H411 H411 H411								
H32 H32 H411 H32 H32								

GENERATOR

TRANSPORTER

DESIGNATED FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NV3890090001	22. Page 3 of 6	23. Manifest Tracking Number 000956143 FLE					
24. Generator's Name NSTEC FOR USDOE P.O. BOX 98521, M/S NTS110 LAS VEGAS NV 89193									
25. Transporter _____ Company Name						U.S. EPA ID Number			
26. Transporter _____ Company Name						U.S. EPA ID Number			
GENERATOR	27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		28. Containers No. Type		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes	
	X	15. NA3077, Hazardous waste, solid, n.o.s. (cadmium, chromium), 9, III. ERG 171.		2	DM	152	P	D006	D007
	X	16. NA3077, Hazardous waste, solid, n.o.s. (lead), 9, III. ERG 171.		1	DF	70	P	D008	
	X	17. NA3077, Hazardous waste, solid, n.o.s. (lead), 9, III. ERG 171.		2	DM	164	P	D008	
	X	18. NA3077, Hazardous waste, solid, n.o.s. (lead), 9, III. ERG 171.		1	DF	3	P	D008	
	X	19. NA3077, Hazardous waste, solid, n.o.s., 9, III. Labpack. ERG 171.		1	DF	18	P	D007	
	X	20. NA3077, Hazardous waste, solid, n.o.s. (mercury), 9, III. ERG 171.		1	DM	100	P	D009	
	X	21. NA3077, Hazardous waste, solid, n.o.s. (cadmium, lead), 9, III. ERG 171.		1	DM	245	P	D006	D008
	X	22. NA3077, Hazardous waste, solid, n.o.s. (barium, benzene), 9, III. ERG 171.		1	DM	114	P	D005	D018 F003 F005
	X	23. NA3077, Hazardous waste, solid, n.o.s. (lead, isophthalol), 9, III. ERG 171.		1	DM	88	P	D008	F005
RQ	24. NA3077, Hazardous waste, solid, n.o.s. (lead), 9, III. ERG 171.		1	DM	454	P	D008		
32. Special Handling Instructions and Additional Information 15. NS-NTS-08-0244, -0245; 14-5295. 16. NS-NTS-08-0246; 13-1020. 17. NS-NTS-08-0256, 09-0011; 14-5295. 18. NS-NTS-09-0002; 13-1012. 19. NS-NTS-09-0016; LP 13-1016. 20. NS-NTS-08-0286; 12-7446-156. 21. NS-NTS-08-0287; 14-5295. 22. NS-NTS-08-0284; 14-5295. 23. NS-NTS-09-0010; 14-5295. 24. NS-NTS-09-0012; 12-7446-122. LOAD 09001.									
TRANSPORTER	33. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____								
	34. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____								
DESIGNATED FACILITY	35. Discrepancy								
	36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H132 H132 H132 H132 H132 H132 H132 H132 H132 H132								

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NV3890090001	22. Page of 6	23. Manifest Tracking Number 000956143 FLE			
24. Generator's Name NSTEC FOR USDOE P.O. BOX 98521, M/S MTS110 LAS VEGAS NV 89193							
25. Transporter _____ Company Name						U.S. EPA ID Number	
26. Transporter _____ Company Name						U.S. EPA ID Number	
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit #/Vol.	31. Waste Codes	
		No.	Type				
X	25. NA3077, Hazardous waste, solid, n.o.s. (lead), 9, III. ERG 171.	1	DM	62	P	D008	
X	26. NA3082, Hazardous waste, liquid, n.o.s. (silver), 9, III. ERG 171.	2	DF	108	P	D011	
X	27. NA3082, Hazardous waste, liquid, n.o.s., 9, III. Labpack. ERG 171.	1	DF	2	P	D005	
X	28. NA3082, Hazardous waste, liquid, n.o.s., 9, III. Labpack. ERG 171.	1	DF	8	P	P081	
X	29. UN2468, Waste Trichloroisocyanuric acid, dry, 5.1, II. ERG 140.	1	DF	27	P	D001	
X	30. UN1851, Waste Medicine, liquid, toxic, n.o.s., 6.1, II. Labpack. ERG 151.	1	DF	5	P	P042	
X	31. UN2810, Waste Toxic, liquids, organic, n.o.s., 6.1, III. Labpack. ERG 153.	1	DF	8	P	D080	U226
X	32. UN1823, Sodium hydroxide, solid, 8, II. Labpack. ERG 154.	1	DF	30	P		
X	33. UN2735, Amines, liquid, corrosive, n.o.s., 8, II. Labpack. ERG 153.	1	DF	38	P		
	34. Non-RCRA, Non-DOT Regulated, Liquid. X-Ray & Photo Developer.	3	DF	260	P		
32. Special Handling Instructions and Additional Information 25. NS-NTS-09-0014; 12-7446-122. 26. NS-NTS-08-0237, -0238; 13-1013. 27. NS-NTS-09-0004; LP 13-1016. 28. NS-NTS-08-0247; LP 13-1015. 29. NS-NTS-08-0275; 15-7574. 30. NS-NTS-08-0248; LP 13-1015. 31. NS-NTS-09-0015; LP 13-1015. 32. NS-NTS-08-0283; LP 13-1016. 33. NS-NTS-08-0252; LP 13-1016. 34. NS-NTS-08-0250, -0251, -0253; 13-5545. LOAD 09001.							
33. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____							
34. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____							
35. Discrepancy							
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
H32		H32		H32		H41	
H41		H41		H32		H32	

GENERATOR

TRANSPORTER

DESIGNATED FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NY3890090001	22. Page 5 of 6	23. Manifest Tracking Number 000956143 FLE												
24. Generator's Name NSTEC FOR USDOE P.O. BOX 98521, M/S NT5110 LAS VEGAS NV 89193																
25. Transporter _____ Company Name				U.S. EPA ID Number												
26. Transporter _____ Company Name				U.S. EPA ID Number												
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No. Type		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes										
	35. Non-RCRA, Non-DOT Regulated, Liquid. Freon 113.	1	DM	28	P											
	36. Non-RCRA, Non-DOT Regulated, Liquid. Compressor oil with CFCs.	1	DM	442	P											
	37. Universal Waste - Fluorescent Lamps, 7,745 linear feet.	13	DF	1408	P											
	38. Universal Waste - Broken Fluorescent Lamps, 25-gallons.	2	DF	38	P											
X	39. UN3028, Batteries, dry, containing potassium hydroxide solid, 8, III. Universal Waste - Nickel-Cadmium Batteries. ERG 154.	3	DF	89	P											
X	40. UN2795, Used Batteries, wet, filled with alkali, 8, III. Universal Waste - Wet NiCd Batteries. ERG 154.	1	DF	295	P											
X	41. UN3090, Lithium battery, 9, II. Universal Waste - Lithium Batteries. ERG 138.	1	DF	58	P											
RQ	42. NA3077, Hazardous waste, solid, n.o.s. (lead), 9, III (D008). ERG 171.	9	DM	3892	P	D008										
X	43. NA3082, Hazardous waste, liquid, n.o.s. (endrin, heptachlor), 9, III. ERG 171.	1	DF	12	P	D004 D005 D006 D007 D008 D009										
X	44. NA3082, Hazardous waste, liquid, n.o.s., 9, III. Labpack. ERG 171.	1	DF	70	P	D004 D005 D006 D007 D008 D010										
32. Special Handling Instructions and Additional Information 35. NS-NTS-08-0284;13-1505. 36. NS-NTS-08-0267;13-3527. 37. NS-NTS-09-0019THRU-0022,-0025,-0026,-0043THRU-0049;13-0167. 38. NS-NTS-09-0023,-0040;13-0168. 39. NS-NTS-09-0024,-0034,-0039;13-0169. 40. NS-NTS-08-0236;13-1078. 41. NS-NTS-09-0035;13-1079. 42. NS-NTS-09-0027THRU-0033,-0036,-0037;13-1506. 43. NS-NTS-08-0291;ALSO D010THRU D043;13-3442. 44. NS-NTS-09-0038;ALSO D011THRU D043;LP 13-1015. LOAD 09001.																
33. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____																
34. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____																
35. Discrepancy																
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)																
<table border="1"> <tr> <td>H039</td> <td>H141</td> <td>H141</td> <td>H141</td> <td>H141</td> </tr> <tr> <td>H141</td> <td>H141</td> <td>H132</td> <td>H141</td> <td>H141</td> </tr> </table>							H039	H141	H141	H141	H141	H141	H141	H132	H141	H141
H039	H141	H141	H141	H141												
H141	H141	H132	H141	H141												

GENERATOR

TRANSPORTER

DESIGNATED FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NV3890090001		2. Page 1 of 1		3. Emergency Response Phone (702) 295-0311		4. Manifest Tracking Number 000956228 FLE				
		5. Generator's Name and Mailing Address NSTEC FOR USDOE P.O. BOX 88621, M/S NNS5118 LAS VEGAS NV 89103 Generator's Phone: (702) 295-7585						Generator's Site Address (if different than mailing address) NSTEC FOR USDOE NEVADA NATIONAL SECURITY SITE, HWY 95 MERCURY NV 89023				
6. Transporter 1 Company Name M. P. ENVIRONMENTAL SERVICES						U.S. EPA ID Number CAT000624247						
7. Transporter 2 Company Name						U.S. EPA ID Number						
8. Designated Facility Name and Site Address U.S. ECOLOGY JAWY 95, 12 MI. SOUTH OF BEATY BEATY NV 89001 Facility's Phone: (702) 233-1041						U.S. EPA ID Number NV330010000						
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) 1. NA3077, HAZARDOUS WASTE, SOLID, N.O.S. (arsenic, lead, asbestos), 9, III				10. Containers		11. Total Quantity 40	12. Unit Wt./Vol. Y	13. Waste Codes D004 D006 D007 D008 D009 D011		
						No.	Type					
					2	CM						
14. Special Handling Instructions and Additional Information 1. FRG 1/1; BIN 6149 #NS-N55-11-0008, & BIN 6150 #NS-N55-11-0009; PROFILE 13-1817. LOAD #11001.												
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.												
Generator's/Offeror's Printed/Typed Name CIRILO CARLOS GONZALES						Signature /s/ Cirilo Carlos Gonzales			Month Day Year 11 22 10			
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____											
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name: Gregory Snelson Signature: /s/ Gregory Snelson Month Day Year: 11 23 10 Transporter 2 Printed/Typed Name: _____ Signature: _____ Month Day Year: _____											
DESIGNATED FACILITY	18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____											
	18b. Alternate Facility (or Generator)						U.S. EPA ID Number					
	Facility's Phone: _____											
	18c. Signature of Alternate Facility (or Generator)						Month Day Year					
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)												
1. H130			2. _____			3. _____			4. _____			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name: Pat Roberts Signature: See Original Month Day Year: 11 23 10												

Rec'd 1/6/10
BSD

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NV3890090001	2. Page 1 of 1	3. Emergency Response Phone (702) 295-0311	4. Manifest Tracking Number 000956229 FLE					
5. Generator's Name and Mailing Address NSTEC FOR USDOE P.O. BOX 98521, M/S NN88110 LAS VEGAS NV 89193 Generator's Phone: (702) 295-7365			Generator's Site Address (if different than mailing address) NSTEC FOR USDOE NEVADA NATIONAL SECURITY SITE, HWY 95 MERCURY NV 89023							
6. Transporter 1 Company Name M. P. ENVIRONMENTAL SERVICES				U.S. EPA ID Number CATD00624247						
7. Transporter 2 Company Name				U.S. EPA ID Number						
8. Designated Facility Name and Site Address U.S. ECOLOGY HWY 95, 12 MI. SOUTH OF BEATTY BEATTY NV 89003 Facility's Phone: (800) 239-3943				U.S. EPA ID Number NVT330010000						
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes			
			No.	Type			D004	D006	D007	
	X	1. NA3077, Hazardous waste, solid, n.o.s. (arsenic, lead, asbestos), 9, III	2	CM	40	Y		D008	D009	D011
		2.								
		3.								
	4.									
14. Special Handling Instructions and Additional Information 1. ERG 171; BIN 6134 #NS-NSS-11-0010, & BIN 6170 #NS-NSS-11-0011; PROFILE 13-1817. LOAD #11002.										
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.										
Generator's/Officer's Printed/Typed Name CIRILO CARLOS GONZALES				Signature /s/ Cirilo Carlos Gonzales		Month Day Year 1/21/10				
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
	17. Transporter Acknowledgment of Receipt of Materials									
	Transporter 1 Printed/Typed Name Gregory Snelson				Signature /s/ Gregory Snelson		Month Day Year 1/21/10			
Transporter 2 Printed/Typed Name				Signature		Month Day Year				
DESIGNATED FACILITY	18. Discrepancy									
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
	18b. Alternate Facility (or Generator)				Manifest Reference Number:		U.S. EPA ID Number			
	Facility's Phone:									
18c. Signature of Alternate Facility (or Generator)									Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)										
1. H132		2.		3.		4.				
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a										
Printed/Typed Name Aarin Bemudez				Signature /s/ Aarin Bemudez		Month Day Year 1/21/10				

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NV3890090001	2. Page 1 of 3	3. Emergency Response Phone (702) 295-0311	4. Manifest Tracking Number 000956230 FLE					
5. Generator's Name and Mailing Address NSTEC FOR USDOE P.O. BOX 98521, M/S NNS5110 LAS VEGAS NV 89193				Generator's Site Address (if different than mailing address) NSTEC FOR USDOE HWY 95, NEVADA NATIONAL SECURITY SITE MERCURY NV 89023						
6. Transporter 1 Company Name CAST TRANSPORTATION					U.S. EPA ID Number COR000005389					
7. Transporter 2 Company Name					U.S. EPA ID Number					
8. Designated Facility Name and Site Address U. S. ECOLOGY HWY 95, 12 MI. SOUTH OF BEATTY BEATTY NV 89003					U.S. EPA ID Number NVT30010000					
Facility's Phone: (800)239-3943										
GENERATOR	9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
				No.	Type					
	RQ	1. UN1263, Waste Paint, 3, II (D001, D007, D008)		1	DM	184	P	D001	D007	D008
	X	2. NA3082, Hazardous waste, liquid, n.o.s. (carbon tetrachloride, 2,4,5-trichlorophenol), 9, III		1	DM	242	P	D018	D019	D022
	X	3. NA3082, Hazardous waste, liquid, n.o.s. (silver), 9, III		2	DF	76	P	D011		
X	4. NA3082, Hazardous waste, liquid, n.o.s. (silver), 9, III		1	DM	280	P	D011			
14. Special Handling Instructions and Additional Information 1. ER128;NS-NSS-11-0005;WP#13-0957. 2. ER171;NS-NTS-10-0151;WP#13-3528.ALSO D027-30,32-34,36-43. 3. ER171;NTS-10-0152, -0153;WP#13-1013. 4. ER171;NTS-10-0158;WP#13-1013. LOAD #11003.										
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.										
Generator's/Offeror's Printed/Typed Name CIRILO CARLOS GONZALES					Signature /s/ Cirilo Carlos Gonzales			Month Day Year 02 16 11		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____										
17. Transporter Acknowledgment of Receipt of Materials										
Transporter 1 Printed/Typed Name Hardy Thomas					Signature /s/ Hardy Thomas			Month Day Year 10 21 16 11		
Transporter 2 Printed/Typed Name					Signature			Month Day Year		
18. Discrepancy										
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection										
18b. Alternate Facility (or Generator)					Manifest Reference Number: _____ U.S. EPA ID Number _____					
Facility's Phone: _____										
18c. Signature of Alternate Facility (or Generator)					Month Day Year					
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)										
1. H141		2. H141		3. H132		4. H132				
20. Designated Facility Owner or Operator. Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a										
Printed/Typed Name Pat Rebijio					Signature /s/ Pat Rebijio			Month Day Year 10 21 16 11		

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NV3890090001	22. Page of 2 3	23. Manifest Tracking Number 000956230 FLE					
24. Generator's Name NSTEC FOR USDOE P.O. BOX 98521, M/S NNSS110 LAS VEGAS NV 89193									
25. Transporter _____ Company Name				U.S. EPA ID Number					
26. Transporter _____ Company Name				U.S. EPA ID Number					
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes			
		No.	Type			D008	D018	D019	
X	5. NA3077, Hazardous waste, solid, n.o.s. (2,4,5-trichlorophenol, pentachlorophenol), 9, III	1	DM	288	P	D008	D018	D019	
						D021	D022	D023	
RQ	6. UN2315, Polychlorinated biphenyls, liquid, 9, III	1	DM	66	K				
RQ	7. UN3432, Polychlorinated biphenyls, solid, 9, III	3	DM	292	K				
X	8. NA3077, Hazardous waste, solid, n.o.s. (lead), 9, III	8	DM	2594	P	D008			
X	9. NA3077, Hazardous waste, solid, n.o.s. (lead), 9, III	1	DF	115	P	D008			
X	10. NA3077, Hazardous waste, solid, n.o.s. (cadmium, lead), 9, III	3	DM	535	P	D006	D008		
RQ	11. NA3077, Hazardous waste, solid, n.o.s. (benzene, carbon tetrachloride), 9, III (benzene, carbon tetrachloride, chloroform)	1	DF	89	P	D018	D019	D022	
X	12. NA3077, Hazardous waste, solid, n.o.s. (ethyl acetate, xylenes), 9, III	1	DM	97	P	D018	D035	F003	
						F005			
X	13. NA3082, Hazardous waste, liquid, n.o.s., 9, III. Labpack.	1	DF	38	P	D003			
X	14. NA3077, Hazardous waste, solid, n.o.s. (hexachlorobutadiene, hexachlorobenzene), 9, III	4	DM	1776	P	D030	D032	D033	
32. Special Handling Instructions and Additional Information 5. ER171;10-0157;WP#14-5295.D024,25,27-30,32-43. 6. ER171;11-0006;WP#13-1022. 7. ER171;10-0163,11-0019,-0020;WP#13-1022. 8. ER171;11-0002,10-0165,0166,0167,0168,0171,0172,0173;WP#14-5295. 9. ER171;11-0007;WP#14-5295. 10. ER171;10-0174,0175,0176;WP#14-5295. 11. ER171;11-0003;WP#13-1023. 12. ER171;11-0004;WP#14-5295. 13. ER171;11-0001;WP#13-1015. 14. ER171;10-0067,0071,0072,0073;WP#07017-0123-0. #11003.									
33. Transporter _____ Acknowledgment of Receipt of Materials									
Printed/Typed Name				Signature			Month	Day	Year
34. Transporter _____ Acknowledgment of Receipt of Materials									
Printed/Typed Name				Signature			Month	Day	Year
35. Discrepancy									
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
H132		H141		H132		H132		H132	
H132		H142		H132		H142		H142	

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NV3890090001	22. Page 3 of 3	23. Manifest Tracking Number 000956230 FLE								
24. Generator's Name NSTEC FOR USDOE P.O. BOX 98521, M/S NNSS110 LAS VEGAS NV 89193												
25. Transporter _____ Company Name					U.S. EPA ID Number							
26. Transporter _____ Company Name					U.S. EPA ID Number							
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes						
		No.	Type			D002	D018	D019	D023	D024	D025	D027
X	15. UN2796, Waste Battery fluid, acid, 8, II.	2	DF	452	P	D002						
X	16. NA3082, Hazardous waste, liquid, n.o.s. (2,4,5-trichlorophenol, pentachlorophenol), 9, III.	1	DM	311	P	D018	D019	D023				
X	17. NA3082, Hazardous waste, liquid, n.o.s. (epinephrine), 9, III.	1	DF	16	P	P042						
X	18. NA3077, Hazardous waste, solid, n.o.s. (lead, isobutanol), 9, III.	1	DM	107	P	D008	F005					
X	19. UN2809, Waste Mercury, 8, III.	1	DF	12	P	D009						
32. Special Handling Instructions and Additional Information 15. ER157;10-0169,-0170;WP#13-1007. 16. ER171;10-0150;WP#13-3528. ALSO D028-30,32-34,36-43. 17. ER171;10-0159;WP#13-1065. 18. ER171;11-0015;WP#14-5295. 19. ER172;11-0016;WP#13-0962. LOAD #11003.												
33. Transporter _____ Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____												
34. Transporter _____ Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____												
35. Discrepancy _____												
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H132 H141 H141 H132 H141												

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Mixed Waste

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Certificate of Disposal

This is to certify that Waste Stream No., LRY5MWFY09001, package numbers B00111, B00112, and B00113 were shipped and received at the Nevada Test Site Radioactive Waste Management Complex in Area 5 for disposal as stated below.

Senior Scientist

Ken Courville
Shipped by

Waste Generator Services
Organization

Senior Scientist
Title

/s/ Ken Courville
Signature

3-26-09
Date

ED TAKAHASHI
Received by

NSTec A.S RWMC
Organization

SCIENTIST
26 MAR 2009
Title

/s/ Ed Takahashi
Signature

26-MAR-2009
Date

QG003024
003025
003026

CERTIFICATE OF DISPOSAL
(MIXED LOW-LEVEL)

National Security Technologies LLC
For U.S. Department of Energy Waste
Management
Nevada Test Site - Zone 2
Mercury, NV 89023

EPA ID NV3890090001

This Certificate acknowledges that the following shipment(s) of manifested MIXED LOW- LEVEL waste have been disposed at the Nevada Test Site Radioactive Waste Management Site.

Shipment Number	Uniform Hazardous Waste Manifest Number	Date(s) of Disposal	Volume Ft ³ (m ³)	Disposal Process
DPM11004 (MACRO 6163)	000000011N12	02/02/2011	120.07 (3.40)	Landfill

/s/ John K. Wrapp

Signature

2/7/11

Date

Program Manager, Radioactive Waste
Title

Instructions:

- Shipment Number – enter shipment number from LWIS database.
- Uniform Hazardous Waste Manifest Number – enter number from UHWM provided by generator.
- Date of Disposal – enter date waste was placed in disposal cell.
- Volume – enter shipment volume in cubic feet and equivalent cubic meters in parenthesis.
- Disposal Process – enter Landfill.

CERTIFICATE OF DISPOSAL
(MIXED LOW-LEVEL)

National Security Technologies LLC
For U.S. Department of Energy Waste
Management
Nevada National Security Site - Zone 2
Mercury, NV 89023

EPA ID NV3890090001

This Certificate acknowledges that the following shipment(s) of manifested MIXED LOW- LEVEL waste have been disposed at the Nevada National Security Site Radioactive Waste Management Site.

Shipment Number	Uniform Hazardous Waste Manifest Number	Date(s) of Disposal	Volume Ft ³ (m ³)	Disposal Process
DPM11007	000000011N27	05/25/2011	33.37 (0.95)	Landfill

/s/ John K. Wrapp

Signature

6/1/11

Date

Program Manager, Radioactive Waste

Title

Instructions:

Shipment Number – enter shipment number from LWIS database.

Uniform Hazardous Waste Manifest Number – enter number from UHWM provided by generator.

Date of Disposal – enter date waste was placed in disposal cell.

Volume – enter shipment volume in cubic feet and equivalent cubic meters in parenthesis.

Disposal Process – enter Landfill.

QG 004533 drum # 11M001
QG 004534 drum # 11M002

CERTIFICATE OF DISPOSAL
(MIXED LOW-LEVEL)

National Security Technologies ^{uc}
For U.S. Department of Energy Waste
Management
Nevada National Security Site - Zone 2
Mercury, NV 89023

EPA ID NV3890090001

This Certificate acknowledges that the following shipment(s) of manifested MIXED LOW- LEVEL waste have been disposed at the Nevada National Security Site Radioactive Waste Management Site.

Shipment Number	Uniform Hazardous Waste Manifest Number	Date(s) of Disposal	Volume Ft ³ (m ³)	Disposal Process
DPM11005	000000011N21	08/31/2011	134.90 (3.82)	Landfill

/s/ Jeanne Poling for Pat Arnold

Signature

8/31/2011

Date

Program Manager, Radioactive Waste

Title

Instructions:

Shipment Number – enter shipment number from LWIS database.

Uniform Hazardous Waste Manifest Number – enter number from UHWM provided by generator.

Date of Disposal – enter date waste was placed in disposal cell.

Volume – enter shipment volume in cubic feet and equivalent cubic meters in parenthesis.

Disposal Process – enter Landfill.

Radioactive Polychlorinated Biphenyl Bulk Product Waste

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Certificate of Disposal

This is to certify that the Waste Stream No. LRY5LLFY08002, container number 09L009, was shipped and received at the Nevada Test Site, Area 5 Radioactive Waste Management Complex for disposal as stated below:

Theresa Hale
Shipped by

WGS
Organization

Senior Technical Support
Title

/s/ Theresa Hale
Signature

7-7-09
Date

LAURA KINSTAD
Received by

AREA 5 RWMC
Organization

WasteHandler
Title

/s/ Laura Kinstad
Signature

Date 7-7-09

Certificate of Disposal

This is to certify that the Waste Stream No. LRY5LLFY08002, container number 09L013, was shipped and received at the Nevada Test Site, Area 5 Radioactive Waste Management Complex for disposal as stated below.

Theresa Hale
Shipped by

WGS
Organization

Senior Technical Support
Title

/s/ Theresa Hale
Signature

7-7-09
Date

LAURA KINSTAD
Received by

AREA 5 RWMC
Organization

Waste Handler
Title

/s/ Laura Kinstad
Signature

Date 7.7.09

Certificate of Disposal

This is to certify that the Waste Stream No. LRY5LLFY08002, container number 09L014 was shipped and received at the Nevada Test Site, Area 5 Radioactive Waste Management Complex for disposal as stated below.

Theresa Hale
Shipped by

WGS
Organization

Senior Technical Support
Title

/s/ Theresa Hale
Signature

7-8-09
Date

LAURA KINSTAD
Received by

Area 5 RWMC
Organization

Waste Handler
Title

/s/ Laura Kinstad
Signature

7-8-09
Date

Certificate of Disposal

This is to certify that the Waste Stream No. LRY5LLFY08002, container number 09L015, was shipped and received at the Nevada Test Site, Area 5 Radioactive Waste Management Complex for disposal as stated below.

Theresa Hale
Shipped by

WGS
Organization

Senior Technical Support
Title

/s/ Theresa Hale
Signature

7-9-09
Date

LAURA KINSTAD
Received by

AREA 5 RWIMC
Organization

Waste Handler
Title

/s/ Laura Kinstad
Signature

Date 7-9-09

Certificate of Disposal

This is to certify that the Waste Stream No. LRY5LI.FY08002, container number 09L017, was shipped and received at the Nevada Test Site, Area 5 Radioactive Waste Management Complex for disposal as stated below.

Theresa Hale
Shipped by

WGS
Organization

Senior Technical Support
Title

/s/ Theresa Hale
Signature

7-9-09
Date

LAURA KINSTAD
Received by

AREA 5 RWMC
Organization

WASTE HANDLER
Title

/s/ Laura Kinstad
Signature

Date 7.9.09

Certificate of Disposal

This is to certify that the Waste Stream No. LRY5LLFY08002, package number 09L018, was shipped and received at the Nevada Test Site, Area 5 Radioactive Waste Management Complex for disposal as stated below.

Theresa Hale
Shipped by

WGS
Organization

Waste Inspector
Title

/s/ Theresa Hale
Signature

7-13-09
Date

LAURA KINSTAD
Received by

AREA 5 RWMS
Organization

Waste Handler
Title

/s/ Laura Kinstad
Signature

Date 7-13-09

Certificate of Disposal

This is to certify that the Waste Stream No. LRY5LLFY08002, package number 09L019, was shipped and received at the Nevada Test Site, Area 5 Radioactive Waste Management Complex for disposal as stated below.

Theresa Hale
Shipped by

WGS
Organization

Waste Inspector
Title

/s/ Theresa Hale
Signature

7-14-09
Date

LAURA KINSTAD
Received by

Area 5 RWMC
Organization

Waste Handler
Title

/s/ Laura Kinstad
Signature

Date 7.14.09

Certificate of Disposal

This is to certify that the Waste Stream No. LRY5LLFY08002, package number 09L020 , was shipped and received at the Nevada Test Site, Area 5 Radioactive Waste Management Complex for disposal as stated below.

Theresa Hale
Shipped by

WGS
Organization

Waste Inspector
Title

/s/ Theresa Hale

Signature

7-14-09

Date

BURTON FORD SR
Received by

NSJEC
Organization

TECH STAFF
Title

/s/ Burton Ford

Signature

Date 7/14/09

Certificate of Disposal

This is to certify that the Waste Stream No. LRY5LLFY08002, package number 09L021, was shipped and received at the Nevada Test Site, Area 5 Radioactive Waste Management Complex for disposal as stated below.

Theresa Hale
Shipped by

WGS
Organization

Waste Inspector
Title

/s/ Theresa Hale
Signature

TH 7-15-09
7-19-15-09
Date

LAURA KINSTAD
Received by

AREA 5 RWMC
Organization

Waste Handler
Title

/s/ Laura Kinstad
Signature

Date 7.15.09

Certificate of Disposal

This is to certify that the Waste Stream No. LRY5LLFY08002, package number 09L022, was shipped and received at the Nevada Test Site, Area 5 Radioactive Waste Management Complex for disposal as stated below.

Theresa Hale
Shipped by

WGS
Organization

Waste Inspector
Title

/s/ Theresa Hale

Signature

7-16-09

Date

LAURA KINSTAD
Received by

Area 5 RWMC
Organization

WASTE HANDLER
Title

/s/ Laura Kinstad

Signature

Date 7.16.09

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Site.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL09037	LRYSLLFY08002	09L023	8-13-09

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Laura Kinstad

Signature

8-13-09

Date

waste Specialist

Title

Instructions:

Shipment Number – enter shipment number from LWIS database.

Date of Disposal – enter date waste was placed in disposal cell.

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Site.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL09039	LRY5LLFY08002	09L025	8-25-09
DPL09039	LRY5LLFY08002	09L026	8-25-09
DPL09039	LRY5LLFY08002	09L027	8-25-09
DPL09039	LRY5LLFY08002	09L028	8-25-09
DPL09039	LRY5LLFY08002	09L029	8-25-09
DPL09039	LRY5LLFY08002	09L030	8-25-09

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Ed Takahashi

Signature

25 AUG 2009

Date

SCIENTIST

Title

Instructions:

Shipment Number – enter shipment number from LWIS database.

Date of Disposal – enter date waste was placed in disposal cell.

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Site.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL09040	LRY5LLFY08002	09L033	8-26-09
DPL09040	LRY5LLFY08002	09L035	8-26-09

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Laura Kinstad

Signature

8.26.09

Date

WASTE HANDLER

Title

Instructions:

Shipment Number – enter shipment number from LWIS database.

Date of Disposal – enter date waste was placed in disposal cell.

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Site.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL09038	LRY5LLFY08002	09L024	8-27-09

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Ed Takahashi

Signature

27-AUG-2009

Date

Scientist

Title

Instructions:

Shipment Number – enter shipment number from LWIS database.

Date of Disposal – enter date waste was placed in disposal cell.

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Site.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL09041	LRY5LLFY08002	09L032	8-27-09
DPL09041	LRY5LLFY08002	09L036	8-27-09
DPL09041	LRY5LLFY08002	09L037	8-27-09

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Ed Takahashi

Signature

27-AUG-2009

Date

Scientist

Title

Instructions:

Shipment Number – enter shipment number from LWIS database.

Date of Disposal – enter date waste was placed in disposal cell.

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Site.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL09042	LRY5LLFY08002	09L031	8-31-09
DPL09042	LRY5LLFY08002	09L038	8-31-09
DPL09042	LRY5LLFY08002	09L039	8-31-09
DPL09042	LRY5LLFY08002	09L040	8-31-09
DPL09042	LRY5LLFY08002	09L041	8-31-09
DPL09042	LRY5LLFY08002	09L042	8-31-09
DPL09042	LRY5LLFY08002	09L043	8-31-09
DPL09042	LRY5LLFY08002	09L044	8-31-09
DPL09042	LRY5LLFY08002	09L045	8-31-09

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Ed Takahashi

Signature

31-AUG-2009

Date

SCIENTIST

Title

Instructions:

Shipment Number – enter shipment number from LWIS database.

Date of Disposal – enter date waste was placed in disposal cell.

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Site.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL09043	LRY5LLFY08002	09L034	9-01-09
DPL09043	LRY5LLFY08002	09L046	9-01-09
DPL09043	LRY5LLFY08002	09L047	9-01-09
DPL09043	LRY5LLFY08002	09L048	9-01-09
DPL09043	LRY5LLFY08002	09L049	9-01-09
DPL09043	LRY5LLFY08002	09L050	9-01-09
DPL09043	LRY5LLFY08002	09L051	9-01-09
DPL09043	LRY5LLFY08002	09L052	9-01-09
DPL09043	LRY5LLFY08002	09L053	9-01-09

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Laura Kinstad

Signature

9.1.09

Date

Waste Handler

Title

Instructions:

Shipment Number – enter shipment number from LWIS database.

Date of Disposal – enter date waste was placed in disposal cell.

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Site.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL09043	LRY5LLFY08002	09L054	9-01-09
DPL09043	LRY5LLFY08002	09L055	9-01-09
DPL09043	LRY5LLFY08002	09L056	9-01-09
DPL09043	LRY5LLFY08002	09L057	9-01-09
DPL09043	LRY5LLFY08002	09L058	9-01-09
DPL09043	LRY5LLFY08002	09L059	9-01-09

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Laura Kinstad

Signature

9.1.09

Date

Waste Handler

Title

Instructions:

Shipment Number – enter shipment number from LWIS database.

Date of Disposal – enter date waste was placed in disposal cell.

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Site.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL09044	LRY5LLFY08002	09L060	9-02-09
DPL09044	LRY5LLFY08002	09L061	9-02-09
DPL09044	LRY5LLFY08002	09L062	9-02-09
DPL09044	LRY5LLFY08002	09L063	9-02-09
DPL09044	LRY5LLFY08002	09L064	9-02-09
DPL09044	LRY5LLFY08002	09L065	9-02-09
DPL09044	LRY5LLFY08002	09L066	9-02-09
DPL09044	LRY5LLFY08002	09L067	9-02-09

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Laura Kinstad

Signature

9.2.09

Date

Waste Handler

Title

Instructions:

Shipment Number – enter shipment number from LWIS database.

Date of Disposal – enter date waste was placed in disposal cell.

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Site.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL09047	LRY5LLFY08002	09L069	09-03-09

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Laura Kinstad
Signature

9.3.09
Date

Waste Handler
Title

Instructions:

Shipment Number – enter shipment number from LWIS database.
ate of Disposal – enter date waste was placed in disposal cell.

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Site.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL09048	LRY5LLFY08002	204826	09-09-09
DPL09048	LRY5LLFY08002	308973	09-09-09

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Ed Takahashi

Signature

09-SEP-2009

Date

Scientist

Title

Instructions:

Shipment Number – enter shipment number from LWIS database.

Date of Disposal – enter date waste was placed in disposal cell.

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Site.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL09053	LRY5LLFY08002	290000 (Q6003406)	09-29-09

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Laura Kinstad

Signature

9/29/09

Date

Specialist

Title

Instructions:

Shipment Number – enter shipment number from LWIS database.

Date of Disposal – enter date waste was placed in disposal cell.

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11001	LRY5LLFY08002	10L938	10-4-10

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

10-4-10

WGS Signature

Date

Waste Inspector

Title

/s/ Stephen Wolf

10-4-2010

RWMC Signature

Date

low level Waste Specialist

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11014	LRY5LLFY08002	11L004	12-13-10

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

12-13-10

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

12-13-2010

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11015	LRY5LLFY08002	11L005	12-14-10

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Robert Zion
WGS Signature

12/14/10
Date

Waste Inspector
Title

/s/ Ed Takahashi
RWMC Signature

14-DEC-2010
Date

SCIENTIST
Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11016	LRY5LLFY08002	11L006	12-14-10

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

12-14-10

Date

Waste Inspector

Title

/s/ Ed Takahashi

RWMC Signature

14-DEC-2010

Date

SCIENTIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11017	LRY5LLFY08002	11L007	12/14/10

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Robert Zion
WGS Signature

12/14/10
Date

Waste Inspector
Title

/s/ Ed Takahashi
RWMC Signature

14-DEC-2010
Date

SCIENTIST
Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11018	LRY5LLFY08002	11L008	12/15/10

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Robert Zion

WGS Signature

12/15/10

Date

Waste Inspector

Title

/s/ Ed Takahashi

RWMC Signature

15-DEC-2010

Date

SCIENTIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11019	LRY5LLFY08002	11L009	12/15/10

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Robert Zion

WGS Signature

12 / 15 / 10
Date

Waste Inspector

Title

/s/ Ed Takahashi

RWMC Signature

15-DEC-2010
Date

SCIENTIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11020	LRYSLLFY08002	11L010	12-16-10

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Robert Zion

WGS Signature

12 / 16 / 10

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

12/16/2010

Date

WASTE SPECIALIST

Title

COPY

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11021	LRY5LLFY08002	11L011	12-16-10

This certification is provided as a courtesy to the waste generator for information purposes only.

 /s/ Robert Zion
 WGS Signature

 12 / 16 / 10
 Date

 Waste Inspector
 Title

 /s/ Stephen Wolf
 RWMC Signature

 12-16-10
 Date

 hhw specialist
 Title

COPY

(Reference: OP-2151.304)

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11034	LRY5LLFY08002	11L020	1-20-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale
WGS Signature

1-20-11
Date

Waste Inspector
Title

/s/ Stephen Wolf
RWMC Signature

1-20-11
Date

Specilast
Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11032	LRY5LLFY08002	11L018	1-20-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

1-20-11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

01-20-2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11033	LRY5LLFY08002	11L019	1-20-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

1-20-11

Date

Waste Inspector

Title

/s/ Burton Ford

RWMC Signature

24-JAN-2011

Date

Waste Specialist
Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11036	LRYSLLFY08002	11L022	1-24-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

1-24-11

Date

Waste Inspector

Title

/s/ Burton Ford

RWMC Signature

24 JAN - 2011

Date

Waste Specialist
Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11037	LRV5LLFY08002	11L023	1-24-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

1-24-11

Date

Waste Inspector

Title

/s/ Burton Ford

RWMC Signature

24-JAN-2011

Date

Waste Specialist
Title

Copy

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11038	LRY5LLFY08002	11L025	1-24-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

1-24-11

Date

Waste Inspector

Title

/s/ Burton Ford

RWMC Signature

24-JAN-2011

Date

WASTE SPECIALIST
Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11039	LRY5LLFY08002	11L026	1-24-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

1-24-11

Date

Waste Inspector
Title

/s/ Burton Ford

RWMC Signature

24-JAN-2011

Date

WASTE SPECIALIST
Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11040	LRY5LLFY08002	11L027	1-24-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

1-24-11

Date

Waste Inspector
Title

/s/ Burton Ford

RWMC Signature

24-Jan-2011

Date

Waste Specialist
Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11043	LRY5LLFY08002	11L030	1-25-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

1-25-11

Date

Waste Inspector

Title

/s/ Burton Ford

RWMC Signature

25-JAN-2011

Date

WASTE SPECIALIST
Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11044	LRY5LLFY08002	11L031	1-25-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

1-25-11

Date

Waste Inspector

Title

/s/ Stephen Wolf

RWMC Signature

1-25-11

Date

LLW Specialist

Title

copy

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11045	LR55LLFY08002	11L032	1-25-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

1-25-11

Date

Waste Inspector

Title

/s/ Ed Takahashi

RWMC Signature

25-JAN-2011

Date

Scientist

Title

Copy

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11046	LRY5LLFY08002	11L033	1-25-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

1-25-11

Date

Waste Inspector

Title

/s/ Ed Takahashi

RWMC Signature

25-JAN-2011

Date

Scientist

Title

110101

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11041	LRY5LLFY08002	11L028	1-25-11

This certification is provided as a courtesy to the waste generator for information purposes only.

_____ /s/ Theresa Hale WGS Signature	_____ 1-25-11 Date
_____ Waste Inspector Title	
_____ /s/ Stephen Wolf RWMC Signature	_____ 1-25-11 Date
_____ LHW Specialist Title	

COPY

(Reference: OP-2151.304)

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11042	LRY5LLFY08002	11L029	1-25-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

1-25-11

Date

Waste Inspector

Title

/s/ Stephen Wolf

RWMC Signature

1-25-11

Date

Specialist

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11047	LRY5LLFY08002	11L034	1-26-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

1-26-11

Date

Waste Inspector
Title

/s/ Jon Tanaka

RWMC Signature

01-26-2011

Date

WASTE SPECIALIST
Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11048	LRY5LLFY08002	11L035	1-26-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

1-26-11

Date

Waste Inspector

Title

/s/ Burton Ford

RWMC Signature

26 JAN 2011

Date

Waste Spec Specialist
Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11049	LRV5LLFY08002	11L036	1-26-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

1-26-11

Date

Waste Inspector

Title

/s/ Burton Ford

RWMC Signature

26 JAN 2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11050	LRY5LLFY08002	11L037	1-27-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

1-27-11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

1/27/2011

Date

WASTE SPECIALIST

Title

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11051	LRV5LLFY08002	11L038	1-27-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

1-27-11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

1-27-2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11052	LRY5LLFY08002	11L039	1-27-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

1-27-11

WGS Signature

Date

Waste Inspector

Title

/s/ Jon Tanaka

1-27-2011

RWMC Signature

Date

WASTE SPECIALIST
Title

02011

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11053	LRY5LLFY08002	11L040	1-27-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

1-27-11

Date

Waste Inspector

Title

/s/ Burton Ford

RWMC Signature

27-JAN-2011

Date

WASTE SPECIALIST

Title

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11054	LRY5LLFY08002	11L041	1-27-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

1-27-11

Date

Waste Inspector

Title

/s/ Burton Ford

RWMC Signature

27-JAN-2011

Date

WASTE SPECIALIST

Title

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11055	LRY5LLFY08002	11L042	1-31-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

1-31-11

Date

Waste Inspector

Title

/s/ Ed Takahashi

RWMC Signature

31-JAN-2011

Date

Scientist
Title

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11056	LRY5LLFY08002	11L043	1-31-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

1-31-11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

01/31/2011

Date

WASTE SPECIALIST

Title

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11057	LRY5LLFY08002	11L044	1-31-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

1-31-11

WGS Signature

Date

Waste Inspector

Title

/s/ Ed Takahashi

31-JAN-2011

RWMC Signature

Date

Scientist.

Title

[Faint signature]

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11058	LRY5LLFY08002	00L045	2-1-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Robert Zion

WGS Signature

2/1/11

Date

Waste Specialist Inspector

Title

/s/ Jon Tanaka

RWMC Signature

02/01/2011

Date

WASTE SPECIALIST

Title

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11059	LRY5LLFY08002	00L046	2/1/11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Robert Zion

WGS Signature

2/1/11

Date

Waste Specialist

Title

/s/ Ed Takahashi

RWMC Signature

01-FEB-2011

Date

SCIENTIST

Title

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11060	LRY5LLFY08002	11L047	2/1/11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Robert Zion

WGS Signature

2/1/11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

02/02/2011

Date

WASTE SPECIALIST

Title

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11061	LRY5LLFY08002	11L048	2/2/11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Robert Zion

WGS Signature

2/2/11

Date

Waste Inspector

Title

/s/ Burton Ford

RWMC Signature

2-Feb-2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11062	LRY5LLFY08002	11L049	2/2/11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Robert Zion

WGS Signature

2/2/11

Date

Waste Inspector

Title

/s/ Burton Ford

RWMC Signature

2-Feb-2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11063	LRY5LLFY08002	11L050	2/2/11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Robert Zion

WGS Signature

2/2/11

Date

Waste Inspector

Title

/s/ Burton Ford

RWMC Signature

2-Feb-2011

Date

Waste Specialist
Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11064	LRY5LLFY08002	11L051	2-2-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-2-11

Date

Waste Inspector

Title

/s/ Burton Ford

RWMC Signature

2-FEB-2011

Date

WASTE SPECIALIST
Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11065	LRY5LLFY08002	11L052	2/2/11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2/2/11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

02-02-2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11066	LRY5LLFY08002	11L053	2-2-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-2-11

Date

Waste Inspector

Title

/s/ Stephen Wolf

RWMC Signature

2-2-11

Date

LLW Specialist

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11073	LRY5LLFY08002	11L060	2-3-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-3-11

Date

Waste Inspector

Title

/s/ Stephen Wolf

RWMC Signature

02-03-11

Date

LHW Specialist

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11074	LRY5LLFY08002	11L061	2-3-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-3-11

Date

Waste Inspector

Title

/s/ Burton Ford

RWMC Signature

3-FEB-2011

Date

WASTE SPECIALIST
Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11067	LRY5LLFY08002	11L054	2-3-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-3-11

Date

Waste Inspector

Title

/s/ Burton Ford

RWMC Signature

3-FEB-2011

Date

WASTE SPECIALIST
Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11068	LRY5LLFY08002	11L055	2-3-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-3-11

Date

Waste Inspector

Title

/s/ Burton Ford

RWMC Signature

3-FEB-2011

Date

WASTE SPECIALIST
Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11069	LRY5LLFY08002	11L056	2-3-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-3-11

Date

Waste Inspector

Title

/s/ Stephen Wolf

RWMC Signature

2-3-11

Date

LLW Specialist

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11070	LRY5LLFY08002	11L057	2-3-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-3-11

Date

Waste Inspector

Title

/s/ Burton Ford

RWMC Signature

3-Feb-2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11071	LRY5LLFY08002	11L058	2-3-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-3-11

Date

Waste Inspector

Title

/s/ Burton Ford

RWMC Signature

3-Feb-2011

Date

WASTE SPECIALIST
Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11072	LRY5LLFY08002	11L059	2-3-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-3-11

Date

Waste Inspector

Title

/s/ Ed Takahashi

RWMC Signature

13-FEB-2011

Date

SCIENTIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11075	LRY5LLFY08002	11L062	2-7-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-7-11

Date

Waste Inspector
Title

/s/ Burton Ford

RWMC Signature

2-FEB-2011

Date

WASTE SPECIALIST
Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11076	LRY5LLFY08002	11L063	2-7-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

2-7-11

WGS Signature

Date

Waste Inspector

Title

/s/ Stephen Wolf

2-7-11

RWMC Signature

Date

specialist

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11077	LRY5LLFY08002	11L064	2-7-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

Waste Inspector

Title

2-7-11

Date

/s/ Ed Takahashi

RWMC Signature

Scientist

Title

07-FEB-2011

Date

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11078	LRY5LLFY08002	11L065	2-7-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

2-7-11

WGS Signature

Date

Waste Inspector

Title

/s/ Stephen Wolf

2-7-11

RWMC Signature

Date

Waste Specialist

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11079	LRY5LLFY08002	11L066	2-7-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

Waste Inspector

Title

2-7-11

Date

/s/ Burton Ford

RWMC Signature

WASTE SPECIALIST

Title

7-Feb-2011

Date

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11080	LRY5LLFY08002	11L067	2-7-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-7-11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

02-07-2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11022	LRV5LLFY08002	11L012	2/7/11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Robert Zion

WGS Signature

2/7/11

Date

Waste Inspector
Title

/s/ Burton Ford

RWMC Signature

7-Feb-2011

Date

WASTE SPECIALIST
Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11023	LRY5LLFY08002	11L013	2-7-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-7-11

Date

Waste Inspector

Title

/s/ Ed Takahashi

RWMC Signature

07-FEB-2011

Date

Scientist

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11081	LRY5LLFY08002	11L068	2-8-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

2-8-11

WGS Signature

Date

Waste Inspector

Title

/s/ Jon Tanaka

02-08-2011

RWMC Signature

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11082	LRY5LLFY08002	11L069	2-8-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

Waste Inspector

Title

2-8-11

Date

/s/ Stephen Wolf

RWMC Signature

Waste Specialist

Title

2-8-11

Date

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11083	LRY5LLFY08002	11L070	2-8-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

Waste Inspector

Title

2-8-11

Date

/s/ Stephen Wolf

RWMC Signature

Waste Specialist

Title

2-8-11

Date

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11024	LRY5LLFY08002	11L014	2-8-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-8-11

Date

Waste Inspector

Title

/s/ Burton Ford

RWMC Signature

8-Feb-2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11025	LRY5LLFY08002	11L015	2-8-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-8-11

Date

Waste Inspector

Title

/s/ Burton Ford

RWMC Signature

FEB-2011

Date

WASTE SPECIALIST
Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11084	LRY5LLFY08002	11L071	2-9-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-9-11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

02-09-2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11026	LRY5LLFY08002	11L016	^{per 2/11} 2/8/11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2/9/11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

02/09/2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11027	LRY5LLFY08002	11L017	2/9/11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2/9/11

Date

Waste Inspector

Title

/s/ Stephen Wolf

RWMC Signature

2/5/11

Date

Waste Specialist

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11132	LRY5LLFY08002	11L119	2/9/11
DPL11132	LRY5LLFY08002	11L120	2/9/11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2/9/11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

02/09/2011

Date

WASTE SPECIALIST
Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11133	LRY5LLFY08002	11L121	2-9-11
DPL11133	LRY5LLFY08002	11L122	2-9-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-9-11

Date

Waste Inspector

Title

/s/ Stephen Wolf

RWMC Signature

2-9-11

Date

Waste Specialist

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11112	LRY5LLFY08002	11L099	2-10-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-10-11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

02-10-2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11134	LRY5LLFY08002	11L123	2-10-11
DPL11134	LRY5LLFY08002	11L124	2-10-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-10-11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

02-10-2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11135	LRY5LLFY08002	11L125	2-10-11
DPL11135	LRY5LLFY08002	11L126	2-10-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

2-10-11

WGS Signature

Date

Waste Inspector
Title

/s/ Jon Tanaka

02-10-2011

RWMC Signature

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11136	LRY5LLFY08002	11L127	2-10-11
DPL11136	LRY5LLFY08002	11L128	2-10-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-10-11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

02/10/2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11137	LRY5LLFY08002	11L129	2-10-11
DPL11137	LRY5LLFY08002	11L130	2-10-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-10-11

Date

Waste Inspector
Title

/s/ Jon Tanaka

RWMC Signature

02-10-2011

Date

WASTE SPECIALIST
Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11138	LRY5LLFY08002	11L131	2-10-11
DPL11138	LRY5LLFY08002	11L132	2-10-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-10-11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

02-10-2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11113	LRY5LLFY08002	11L100	2/14/11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2/14/11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

02/14/2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11114	LRV5LLFY08002	11L101	2-14-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-14-11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

02-14-2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11115	LRY5LLFY08002	11L102	2-14-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-14-11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

2-14-2011

Date

WASTE SPECIALIST

Title



CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11139	LRY5LLFY08002	11L133	2/14/11
DPL11139	LRY5LLFY08002	11L134	2/14/11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2/14/11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

02/14/2011

Date

WASTE SPECIALIST
Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11140	LRY5LLFY08002	11L135	2/14/11
DPL11140	LRY5LLFY08002	11L136	2/14/11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2/14/11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

02/14/2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11141	LRY5LLFY08002	11L137	2-14-11
DPL11141	LRY5LLFY08002	11L138	2-14-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-14-11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

02-14-2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11142	LRY5LLFY08002	11L139	2-14-11
DPL11142	LRY5LLFY08002	11L140	2-14-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-14-11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

02/14/2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11143	LRY5LLFY08002	11L141	2/14/11
DPL11143	LRY5LLFY08002	11L142	2/14/11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2/14/11

Date

Waste Inspector
Title

/s/ Jon Tanaka

RWMC Signature

02/14/2011

Date

WASTE SPECIALIST
Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11116	LRY5LLFY08002	11L103	2-15-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-15-11

Date

Waste Inspector
Title

/s/ Jon Tanaka

RWMC Signature

02-15-2011

Date

WASTE SPECIALIST
Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11117	LRY5LLFY08002	11L104	2-15-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-15-11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

02-15-2011

Date

WASTE SPECIALIST
Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11118	LRY5LLFY08002	11L105	2-15-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-15-11

Date

Waste Inspector
Title

/s/ Jon Tanaka

RWMC Signature

02-15-2011

Date

WASTE SPECIALIST
Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11144	LRY5LLFY08002	11L143	2-15-11
DPL11144	LRY5LLFY08002	11L144	2-15-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-15-11

Date

Waste Inspector
Title

/s/ Jon Tanaka

RWMC Signature

02-15-2011

Date

WASTE SPECIALIST
Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11145	LRY5LLFY08002	11L145	2/15/11
DPL11145	LRY5LLFY08002	11L146	2/15/11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2/15/11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

02-15-2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11146	LRY5LLFY08002	11L147	2-15-11
DPL11146	LRY5LLFY08002	11L148	2-15-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-15-11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

02-15-2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11147	LRY5LLFY08002	11L149	2-15-11
DPL11147	LRY5LLFY08002	11L150	2-15-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2/15/11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

02/15/2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11148	LRY5LLFY08002	11L151	2-15-11
DPL11148	LRY5LLFY08002	11L152	2-15-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2/15/11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

02/15/2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11119	LRY5LLFY08002	11L106	2-16-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-16-11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

02-16-2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11120	LRY5LLFY08002	11L107	2-16-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-16-11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

02-16-2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11149	LRY5LLFY08002	11L153	2-16-11
DPL11149	LRY5LLFY08002	11L154	2-16-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-16-11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

02-16-2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11150	LRY5LLFY08002	11L155	2/16/11
DPL11150	LRY5LLFY08002	11L156	2/16/11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2/16/11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

02-16-2011

Date

WASTE SPECIALIST
Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11151	LRY5LLFY08002	11L157	2-16-11
DPL11151	LRY5LLFY08002	11L158	2-16-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-16-11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

02-16-2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11152	LRY5LLFY08002	11L159	2-16-11
DPL11152	LRY5LLFY08002	11L160	2-16-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-16-11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

02-16-2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11121	LRY5LLFY08002	11L108	2-17-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-17-11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

02-17-2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11122	LRY5LLFY08002	11L109	2-17-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-17-11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

02-17-2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11123	LRY5LLFY08002	11L110	2-17-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-17-11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

02-17-2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11153	LRY5LLFY08002	11L161	2-17-11
DPL11153	LRY5LLFY08002	11L162	2-17-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-17-11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

2-17-2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11154	LRY5LLFY08002	11L163	2-17-11
DPL11154	LRY5LLFY08002	11L164	2-17-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-17-11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

02-17-2011

Date

WASTE SPECIALIST

Title



CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11155	LRY5LLFY08002	11L165	2-17-11
DPL11155	LRY5LLFY08002	11L166	2-17-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-17-11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

02-17-2011

Date

WASTE SPECIALIST

Title

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11156	LRY5LLFY08002	11L167	2-17-11
DPL11156	LRY5LLFY08002	11L168	2-17-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-17-11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

2-17-2011

Date

WASTE SPECIALIST

Title

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11124	LR55LLFY08002	11L111	2-23-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-23-11

Date

Waste Inspector

Title

/s/ Burton Ford

RWMC Signature

23-Feb-2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11125	LRV5LLFY08002	11L112	2-23-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-23-11

Date

Waste Inspector
Title

/s/ Jon Tanaka

RWMC Signature

02-23-2011

Date

WASTE SPECIALIST
Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11126	LRY5LLFY08002	11L113	2-23-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-23-11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

02-23-2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11157	LRY5LLFY08002	11L169	2-23-11
DPL11157	LRY5LLFY08002	11L170	2-23-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-23-11

Date

Waste Inspector
Title

/s/ Burton Ford

RWMC Signature

23-Feb-2011

Date

Waste Specialist

Title

02/23/11

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11158	LRY5LLFY08002	11L171	2-23-11
DPL11158	LRY5LLFY08002	11L172	2-23-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-23-11

Date

Waste Inspector

Title

/s/ Burton Ford

RWMC Signature

23-Feb-2011

Date

WASTE SPECIALIST
Title

0000

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11159	LRY5LLFY08002	11L173	2-23-11
DPL11159	LRY5LLFY08002	11L174	2-23-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-23-11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

02-23-2011

Date

WASTE SPECIALIST

Title

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11160	LRY5LLFY08002	11L175	2-23-11
DPL11160	LRY5LLFY08002	11L176	2-23-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-23-11

Date

Waste Inspector
Title

/s/ Jon Tanaka

RWMC Signature

02-23-2011

Date

WASTE SPECIALIST
Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11161	LRY5LLFY08002	11L177	2-23-11
DPL11161	LRY5LLFY08002	11L178	2-23-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-23-11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

02-23-2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11127	LRY5LLFY08002	11L114	2-24-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-24-11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

02-24-2011

Date

WASTE SPECIALIST

Title

02-24-11

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11128	LRY5LLFY08002	11L115	2-24-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-24-11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

02-24-2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11162	LRY5LLFY08002	11L179	2-24-11
DPL11162	LRY5LLFY08002	11L180	2-24-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale
WGS Signature

2-24-11
Date

Waste Inspector
Title

/s/ Jon Tanaka
RWMC Signature

02-24-2011
Date

WASTE SPECIALIST
Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11163	LRY5LLFY08002	11L181	2-24-11
DPL11163	LRY5LLFY08002	11L182	2-24-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-24-11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

02-24-2011

Date

WASTE SPECIALIST

Title

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11164	LRY5LLFY08002	11L183	2-24-11
DPL11164	LRY5LLFY08002	11L184	2-24-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-24-11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

02-24-2011

Date

WASTE SPECIALIST

Title



CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11165	LRY5LLFY08002	11L185	2-24-11
TH DPL11165	LRY5LLFY08002	11L186	2-24-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-24-11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

02-24-2011

Date

WASTE SPECIALIST

Title

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11166	LRY5LLFY08002	11L187	2-28-11
DPL11166	LRY5LLFY08002	11L188	2-28-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-28-11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

02-28-2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11167	LRY5LLFY08002	11L189	2-28-11
DPL11167	LRY5LLFY08002	11L190	2-28-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-28-11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

2-28-2011

Date

WASTE SPECIALIST

Title



CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11168	LRY5LLFY08002	11L191	2-28-11
DPL11168	LRY5LLFY08002	11L192	2-28-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

2-28-11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

2-28-2011

Date

WASTE SPECIALIST

Title

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11169	LRY5LLFY08002	11L193	3-1-11
DPL11169	LRY5LLFY08002	11L194	3-1-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

3-1-11

Date

Waste Inspector
Title

/s/ Jon Tanaka

RWMC Signature

03-01-2011

Date

WASTE SPECIALIST
Title

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11170	LRY5LLFY08002	11L195	3-1-11
DPL11170	LRY5LLFY08002	11L196	3-1-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

3-1-11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

03-01-2011

Date

WASTE SPECIALIST

Title

03-01-2011

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11171	LRY5LLFY08002	11L197	3/1/11
DPL11171	LRY5LLFY08002	11L198	3/1/11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

3/1/11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

03-01-2011

Date

WASTE SPECIALIST

Title

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11172	LRY5LLFY08002	11L199	3/1/11
DPL11172	LRY5LLFY08002	11L200	3/1/11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

3/1/11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

03-01-2011

Date

WASTE SPECIALIST

Title

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11173	LRY5LLFY08002	11L201	3/1/11
DPL11173	LRY5LLFY08002	11L202	3/1/11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Robert Zion

WGS Signature

3/1/11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

03.01.2011

Date

WASTE SPECIALIST

Title

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11085	LRY5LLFY08002	11L072	3-2-11
DPL11085	LRY5LLFY08002	11L075	3-2-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

3-2-11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

03.02.2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11086	LRY5LLFY08002	11L073	3/2/11
DPL11086	LRY5LLFY08002	11L076	3/2/11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Robert Zion

WGS Signature

3/2/11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

03/02/2011

Date

WASTE SPECIALIST

Title



CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11174	LRY5LLFY08002	11L203	3/2/11
DPL11174	LRY5LLFY08002	11L204	3/2/11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Robert Zion

WGS Signature

3/2/11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

03-02-2011

Date

WASTE SPECIALIST

Title

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11087	LRY5LLFY08002	11L074	3-3-11
DPL11087	LRY5LLFY08002	11L077	3-3-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Robert Zion

WGS Signature

3/3/11

Date

WASTE INSPECTOR

Title

/s/ Jon Tanaka

RWMC Signature

03/03/2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11088	LRY5LLFY08002	11L078	3/3/11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Robert Zion
WGS Signature

3/3/11
Date

WASTE INSPECTOR
Title

/s/ Jon Tanaka
RWMC Signature

3/03/2011
Date

WASTE SPECIALIST
Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11129	LRY5LLFY08002	11L116	3/16/11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Robert Zion

WGS Signature

3/16/11

Date

Waste Inspector

Title

/s/ Ed Takahashi

RWMC Signature

16-MDR-2011

Date

SCIENTIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11090	LRY5LLFY08002	11L080	3-23-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

3-23-11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

03-23-2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11091	LRY5LLFY08002	11L081	3-23-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

3-23-11

Date

Waste Inspector

Title

RWMC Signature

Date

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11092	LRY5LLFY08002	11L082	3-23-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

3-23-11

Date

Waste Inspector

Title

RWMC Signature

Date

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11089	LRY5LLFY08002	11L079	3-24-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

3-24-11

Date

Waste Inspector

Title

/s/ Burton Ford

RWMC Signature

24-MAR-2011

Date

WASTE SPECIALIST
Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11093	LRY5LLFY08002	11L083	3-24-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

3-24-11

Date

Waste Inspector

Title

/s/ Burton Ford

RWMC Signature

3-24-11

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11094	LRY5LLFY08002	11L084	3-24-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

3-24-11

Date

Waste Inspector

Title

/s/ Burton Ford

RWMC Signature

24-MAR-2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11095	LRY5LLFY08002	11L085	3-24-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

3-24-11

Date

Waste Inspector

Title

/s/ Burton Ford

RWMC Signature

24-MAR-2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11096	LRY5LLFY08002	11L086	3-24-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

3-24-11

Date

Waste Inspector

Title

/s/ Burton Ford

RWMC Signature

24-MAR-2011

Date

WASTE SPECIALIST
Title

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11097	LRY5LLFY08002	11L087	3-24-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

3-24-11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

03-24-2011

Date

WASTE SPECIALIST

Title

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11098	LRY5LLFY08002	11L088	3-28-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

3-28-11

Date

Waste Inspector

Title

RWMC Signature

Date

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11099	LRY5LLFY08002	11L089	3-28-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

3-28-11

Date

Waste Inspector

Title

/s/ Louis Gregory

RWMC Signature

03/28/2011

Date

LLW Supervisor

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11100	LRY5LLFY08002	11L090	3/28/11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Robert Zion

WGS Signature

3/28/11

Date

Waste Inspector

Title

/s/ Ed Takahashi

RWMC Signature

25-MAR-2011

Date

SCIENTIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11101	LRY5LLFY08002	11L091	3-28-11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Theresa Hale

WGS Signature

3-28-11

Date

Waste Inspector

Title

/s/ Louis Gregory

RWMC Signature

4/28/2011

Date

LLW Supervisor

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11102	LRY5LLFY08002	11L098	3/28/11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Robert Zion
WGS Signature

3/28/11

Date

Waste Inspector
Title

/s/ Burton Ford
RWMC Signature

28-MAR-2011

Date

WASTE SPECIALIST
Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11104	LRYSLLFY08002	11L117	3/28/11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Robert Zion

WGS Signature

3/28/11

Date

Waste Inspector

Title

/s/ Ed Takahashi

RWMC Signature

Ed Takahashi

Title

DC

28-MAR-2011

Date

3/28/11

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11105	LRY5LLFY08002	11L118	3/29/11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Robert Zion

WGS Signature

3/29/11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

03/29/2011

Date

WASTE SPECIALIST

Title

COPY

CERTIFICATE OF DISPOSAL
(LOW LEVEL WASTE)

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11106	LRY5LLFY08002	11L205	3/29/11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Robert Zion

WGS Signature

3/29/11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

03-29-2011

Date

WASTE SPECIALIST

Title

COPY

Nevada Test Site

This Certificate acknowledges that the following shipment(s) of waste have been disposed at the Nevada Test Site Radioactive Waste Management Complex.

Shipment Number	Waste Stream Identification #	Package #	Date of Disposal
DPL11107	LRV5LLFY08002	11L206	3/29/11

This certification is provided as a courtesy to the waste generator for information purposes only.

/s/ Robert Zion

WGS Signature

3/29/11

Date

Waste Inspector

Title

/s/ Jon Tanaka

RWMC Signature

3/29/2011

Date

WASTE SPECIALIST

Title

COPY

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APPENDIX C

USE RESTRICTION DOCUMENTATION

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Use Restriction Information

CAU Number/Description: CAU 116/Area 25 Test Cell C Facility

Applicable CAS Number/Description: CAS 25-41-05/Test Cell C Facility

Contact (Federal Sub-Project Director/Sub-Project): Kevin Cabble/Industrial Sites

FFACO Use Restriction Physical Description:

Surveyed Area (UTM, Zone 11, NAD 27, meters):

UR Points	Northing	Easting
1	4,076,177.13	564,474.41
2	4,076,176.92	564,455.98
3	4,076,174.62	564,455.98
4	4,076,174.41	564,449.07
5	4,076,186.34	564,449.07
6	4,076,186.34	564,453.68
7	4,076,204.35	564,453.47
8	4,076,204.21	564,448.62
9	4,076,210.42	564,444.63
10	4,076,220.63	564,429.98
11	4,076,241.49	564,430.10
12	4,076,241.49	564,490.67
13	4,076,204.76	564,490.67
14	4,076,204.77	564,474.20

Depth: 0–12 feet below ground surface

Survey Source (GPS, GIS, etc): GIS

Basis for FFACO UR(s):

Summary Statement: The use restriction (UR) was implemented due to radiological activation of the concrete reactor pad north of Building 3210 and remaining radiological and polychlorinated biphenyl-impacted demolition debris in the grouted basement of Building 3210.

Contaminants Table:

Maximum Concentration of Contaminants for CAU 116 CAS 25-41-05, Test Cell C Facility			
Constituent	Maximum Concentration	Action Level	Units
PCBs	10,000	25	ppm
CS-137, Sr-90, U-234, U-235, and U-238	10,000 beta/gamma; 300 alpha	See the <i>Nevada Test Site Radiological Control Manual</i>	dpm/100 cm ²

Site Controls: Fence around the Test Cell C compound and UR warning signs around the UR boundary

UR Maintenance Requirements:

Description: Certify that postings are in place, intact, and readable. This UR must be entered into the DOE/NV Facility Information Management System (FIMS) and the FFACO databases.

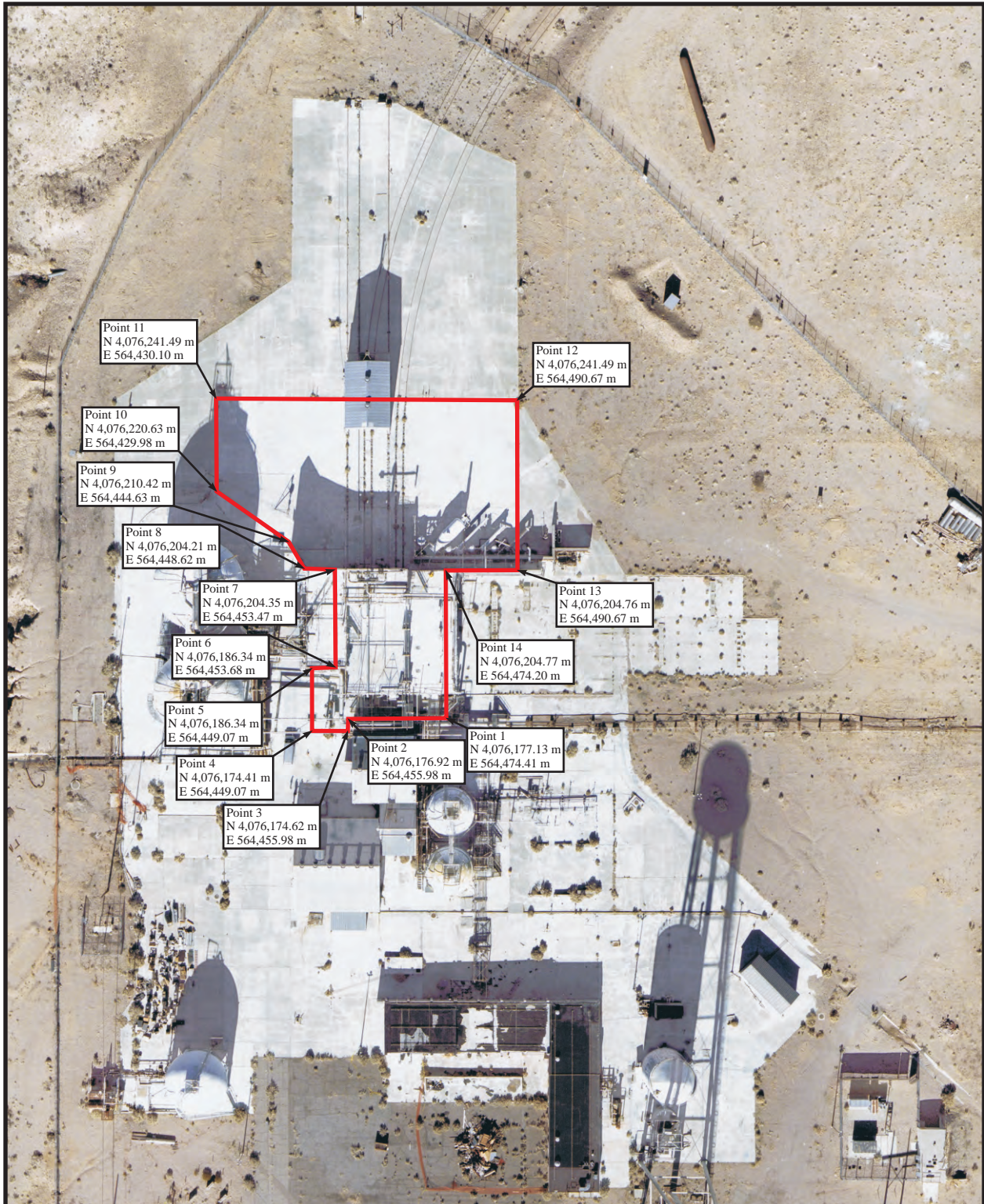
Inspection/Maintenance Frequency: Annual

The future use of any land related to this Corrective Action Unit (CAU), as described by the above surveyed location, is restricted from any DOE or Air Force activity that may alter or modify the containment control as approved by the state and identified in the CAU CR or other CAU documentation unless appropriate concurrence is obtained in advance.

Comments: See the Closure Report for additional information on the condition of the site. Results of the annual inspection will be provided in the annual combined Nevada National Security Site Post-Closure Letter Report.

Submitted By: /s/ Kevin Cabbie

Date: 9-8-11



**CAS 25-41-05, TEST CELL C FACILITY,
USE RESTRICTION BOUNDARY**

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APPENDIX D
SITE CLOSURE PHOTOGRAPHS

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PHOTOGRAPH LOG

PHOTOGRAPH NUMBER	DATE	DESCRIPTION
1	08/13/2007	Pipe Draining
2	11/01/2007	Pipe Draining
3	01/22/2008	Grouting Rail Trenches
4	01/31/2008	Lead Sheet Removal
5	10/13/2008	Asbestos Abatement
6	11/17/2008	Cadmium Foil Removal
7	12/01/2008	Lead Bricks
8	07/01/2009	Building 3211 before Demolition
9	07/01/2009	Demolition of Building 3211
10	07/07/2009	Size Reduction of Building 3211 Debris
11	07/15/2009	Nuclear Furnace Piping Area Prepared for Removal
12	07/21/2009	Tanks Associated with Nuclear Furnace Piping before Removal
13	07/22/2009	Removal of Nuclear Furnace Piping
14	07/27/2009	Removal of Nuclear Furnace Piping
15	08/20/2009	Removal of Tanks
16	08/25/2009	Tanks Loaded for Disposal
17	08/27/2009	After Removal of Nuclear Furnace Piping
18	09/13/2009	After Removal of Tanks Associated with Nuclear Furnace Piping
19	09/13/2010	Circuit Boards
20	09/15/2010	Housekeeping Debris
21	10/14/2010	Removal of Paint Chips from the Roof
22	10/19/2010	Grouting Penetrations in the Concrete Pad
23	11/01/2010	Grouting Penetrations in the Basement
24	11/08/2010	Circuit Boards
25	11/08/2010	Building 3210
26	11/30/2010	Demolition of the Concrete Shield Wall
27	12/15/2010	Demolition of Building 3210
28	12/16/2010	Demolition of Building 3210
29	12/20/2010	Demolition of Building 3210
30	01/03/2011	Demolition of Building 3210
31	01/06/2011	Demolition of Building 3210
32	01/06/2011	Demolition of Building 3210

PHOTOGRAPH NUMBER	DATE	DESCRIPTION
33	01/11/2011	Lead Bricks Removed During Demolition of Building 3210
34	01/12/2011	Demolition of Building 3210
35	01/18/2011	Demolition of Building 3210
36	01/24/2011	Demolition of Building 3210
37	01/26/2011	Demolition of Building 3210
38	02/03/2011	Demolition of Building 3210
39	02/09/2011	Demolition of Building 3210
40	02/15/2011	Demolition of Building 3210
41	02/24/2011	Demolition of Building 3210
42	02/24/2011	Demolition of Building 3210
43	03/01/2011	Demolition of Building 3210
44	03/07/2011	Backfilling Basement
45	03/30/2011	Preparation of Basement for Placement of Concrete
46	04/04/2011	Placement of Concrete
47	04/12/2011	Grouted Basement
48	04/12/2011	Use Restriction and Radiological Warning Signs around the Basement of Building 3210
49	09/01/2011	Coring for Installation of Use Restriction Warning Signs around the Concrete Reactor Pad North of Building 3210
50	09/01/2011	Use Restriction Warning Sign around the Concrete Reactor Pad North of Building 3210



Photograph 1: Pipe Draining, 08/13/2007



Photograph 2: Pipe Draining, 11/01/2007



Photograph 3: Grouting Rail Trenches, 01/22/2008



Photograph 4: Lead Sheet Removal, 01/31/2008



Photograph 5: Asbestos Abatement, 10/13/2008



Photograph 6: Cadmium Foil Removal, 11/17/2008



Photograph 7: Lead Bricks, 12/01/2008



Photograph 8: Building 3211 before Demolition, 07/01/2009



Photograph 9: Demolition of Building 3211, 07/01/2009



Photograph 10: Size Reduction of Building 3211 Debris, 07/07/2009



Photograph 11: Nuclear Furnace Piping Area Prepared for Removal, 07/15/2009



Photograph 12: Tanks Associated with Nuclear Furnace Piping before Removal, 07/21/2009



Photograph 13: Removal of Nuclear Furnace Piping, 07/22/2009



Photograph 14: Removal of Nuclear Furnace Piping, 07/27/2009



Photograph 15: Removal of Tanks, 08/20/2009



Photograph 16: Tanks Loaded for Disposal, 08/25/2009



Photograph 17: After Removal of Nuclear Furnace Piping, 08/27/2009



Photograph 18: After Removal of Tanks Associated with Nuclear Furnace Piping, 09/13/2009



Photograph 19: Circuit Boards, 09/13/2010



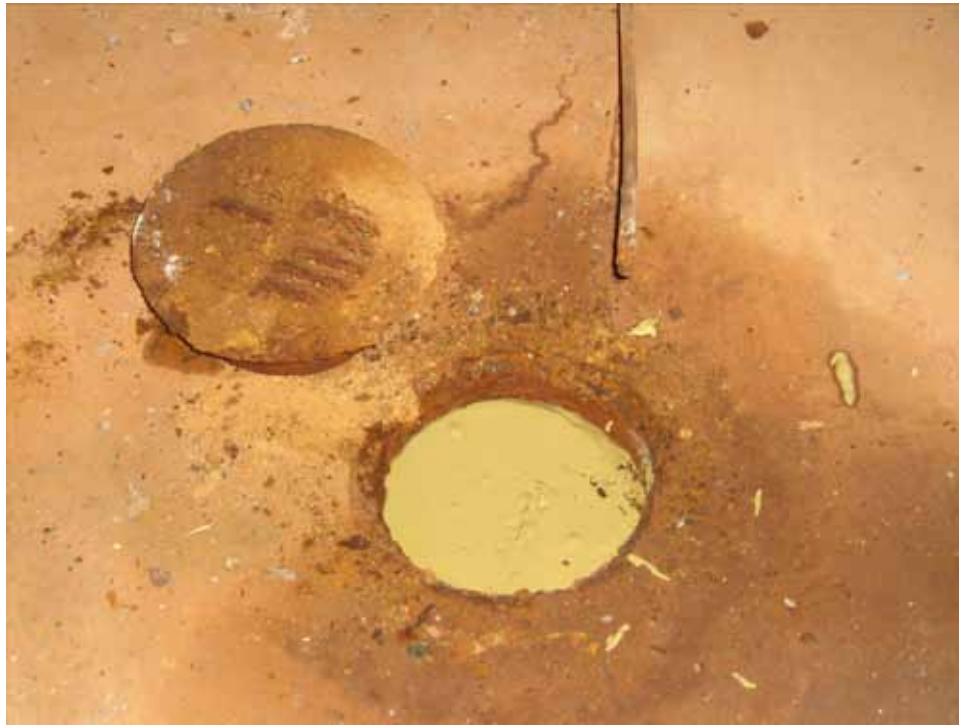
Photograph 20: Housekeeping Debris, 09/15/2010



Photograph 21: Removal of Paint Chips from the Roof, 10/14/2010



Photograph 22: Grouting Penetrations in the Concrete Pad, 10/19/2010



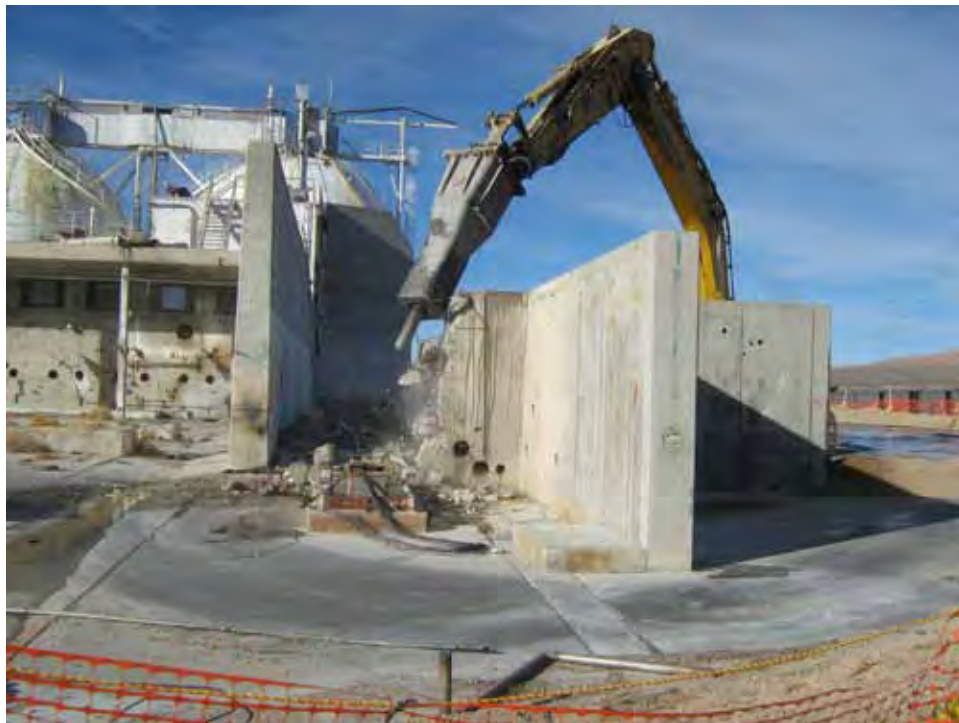
Photograph 23: Grouting Penetrations in the Basement, 11/01/2010



Photograph 24: Circuit Boards, 11/08/2010



Photograph 25: Building 3210, 11/08/2010



Photograph 26: Demolition of the Concrete Shield Wall, 11/30/2010



Photograph 27: Demolition of Building 3210, 12/15/2010



Photograph 28: Demolition of Building 3210, 12/16/2010



Photograph 29: Demolition of Building 3210, 12/20/2010



Photograph 30: Demolition of Building 3210, 01/03/2011



Photograph 31: Demolition of Building 3210, 01/06/2011



Photograph 32: Demolition of Building 3210, 01/06/2011



Photograph 33: Lead Bricks Removed During Demolition of Building 3210, 01/11/2011



Photograph 34: Demolition of Building 3210, 01/12/2011



Photograph 35: Demolition of Building 3210, 01/18/2011



Photograph 36: Demolition of Building 3210, 01/24/2011



Photograph 37: Demolition of Building 3210, 01/26/2011



Photograph 38: Demolition of Building 3210, 02/03/2011



Photograph 39: Demolition of Building 3210, 02/09/2011



Photograph 40: Demolition of Building 3210, 02/15/2011



Photograph 41: Demolition of Building 3210, 02/24/2011



Photograph 42: Demolition of Building 3210, 02/24/2011



Photograph 43: Demolition of Building 3210, 03/01/2011



Photograph 44: Backfilling Basement, 03/07/2011



Photograph 45: Preparation of Basement for Placement of Concrete, 03/30/2011



Photograph 46: Placement of Concrete, 04/04/2011



Photograph 47: Grouted Basement, 04/12/2011



Photograph 48: Use Restriction and Radiological Warning Signs around the Basement of Building 3210, 04/12/2011



Photograph 49: Coring for Installation of Use Restriction Warning Signs around the Concrete Reactor Pad North of Building 3210, 09/01/2011



Photograph 50: Use Restriction Warning Sign around the Concrete Reactor Pad North of Building 3210, 09/01/2011

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