Tim Murphy, Chief
Bureau of Federal Facilities
Division of Environmental Protection
2030 E. Flamingo Road, Suite 230
Las Vegas, NV 89119-0818

**SUBMITTAL OF THE LETTER REPORT FOR WASTE DISPOSAL ACTIVITIES FOR
CORRECTIVE ACTION UNIT 127: AREAS 25 AND 26 STORAGE TANKS, NEVADA
TEST SITE, NEVADA, APRIL 2008**

Background

The Closure Report (CR) for Corrective Action Unit (CAU) 127, Areas 25 and 26 Storage Tanks, was approved by the Nevada Department of Environmental Protection (NDEP) on March 6, 2008. The following low-level waste (LLW) had not been disposed of when the CR was submitted:

CAU 127 WASTE REMAINING ONSITE AFTER APPROVAL OF CR

CORRECTIVE ACTION SITE	DESCRIPTION OF WASTE	WASTE CONTAINER	VOLUME
25-01-05, Aboveground Storage Tank	AST and Piping Debris	14 Transportainers and 1 B-25 Box	600 yd ³
25-02-02, Underground Storage Tank	Soil and Concrete		15 yd ³
25-23-11, Contaminated Materials	Soil and Metal Shed		100 yd ³
26-01-01, Filter Tank (RAD) and Piping	AST	Self-Contained	10,000 gal
26-01-02, Filter Tank (RAD)	AST and Piping	1 Transportainer	50 yd ³
26-23-01, Contaminated Liquids Spreader	Spreader and Soil	1 Transportainer	50 yd ³
26-99-01, Radioactively Contaminated Filters	Filter Tanks, Piping, and Wooden Shed	1 Transportainer	50 yd ³

AST: aboveground storage tank
gal: gallon(s)
yd³: cubic yard(s)

This waste was being stored and managed at the respective Corrective Action Sites (CASs) for disposal at the Area 5 Radioactive Waste Management Site (RWMS). The following sections describe the waste disposal activities that took place for each CAS after submittal of the CR.

CAS 25-01-05, Aboveground Storage Tank; CAS 25-02-02, Underground Storage Tank; and CAS 25-23-11, Contaminated Materials

These CASs are located at Test Cell C (TCC). The 100,000-gallon (gal) aboveground storage tank (AST) debris and piping from CAS 25-01-05, soil and concrete from CAS 25-02-02, and soil and metal shed debris from CAS 25-23-11 were packaged into 14 transportainers during closure work. After submittal of the CR, plastic and miscellaneous debris generated during waste disposal activities was packaged as LLW in one B-25 box. The waste was transported to the Area 5 RWMS from February 13 to March 25, 2008. Figure 1 shows two of the transportainers loaded for transport to Area 5 for disposal. Figure 2 shows the area where the waste had been stored at TCC after removal of all waste. Waste disposition documentation is enclosed with this letter.

**Figure 1. Transportainer from CASs at TCC
Prior to Transport to Area 5 for Disposal, 03/19/2008**

Figure 2. Waste Storage Area after Removal of LLW, 03/12/2008

CAS 26-01-01, Filter Tank (RAD) and Piping

This site is located at the Pluto Disassembly Facility. The 10,000-gal AST was being stored and managed onsite prior to submittal of the CR. After submittal of the CR, slots were cut into the AST, and the inside and outside of the AST were sprayed with fixative. The slots were sealed using tape and plastic prior to transport. The AST was then transported to the Area 5 RWMS, where it was filled with clean soil and disposed as LLW on March 19, 2008. Figure 3 shows the AST with the slots cut into it that would later facilitate filling the AST with soil. Figure 4 shows the AST after fixative had been applied to it and it was loaded for transport to Area 5. Figure 5 shows CAS 26-01-01 after the AST was removed. Figure 6 shows the AST being filled with soil at Area 5. Figure 7 shows the final disposition of the AST. Waste disposition documentation is enclosed with this letter.

Figure 3. CAS 26-01-01 AST with Slots Cut, 03/13/2008

**Figure 4. CAS 26-01-01 AST after Application of Fixative,
Loaded for Transport to Area 5, 03/17/2008**

Figure 5. CAS 26-01-01 after Removal of AST, 03/25/2008

Figure 6. CAS 26-01-01 AST Being Filled with Soil at Area 5, 03/19/2008

Figure 7. Final Disposition of CAS 26-01-01 AST, 03/19/2008

CAS 26-01-02, Filter Tank (RAD); CAS 26-23-01, Contaminated Liquids Spreader; and CAS 26-99-01, Radioactively Contaminated Filters

CAS 26-01-02 and CAS 26-99-01 are located at the Pluto Disassembly Facility, and CAS 26-23-01 is located near the Port Gaston Training Area. LLW from these CASs was being stored and managed at the sites prior to submittal of the CR. The waste included the 5,000-gal AST and piping from CAS 26-01-02, the liquid spreader and soil from CAS 26-23-01, and the eight 30-gal filter tanks, piping, and wooden shed debris from CAS 26-99-01. The waste was transported to the Area 5 RWMS on March 25, 2008. Waste disposition documentation is enclosed with this letter.

All waste associated with CAU 127 has been disposed. Please direct comments and questions to Kevin J. Cabble, of my staff, at (702) 295-5000.

ERD:KJC

John B. Jones
Acting Federal Project Director
Environmental Restoration Project

Enclosure:
As stated

Tim Murphy, Chief

-7-

cc via email:

Jeffrey Fraher, DTRA/CXTS, Kirtland AFB, NM
W. R. Griffin, SNJV/DTRA, M/S 645, Mercury, NV
T. A. Thiele, NSTec, Las Vegas, NV
R. F. Boehlecke, SNJV, Las Vegas, NV
E. F. Di Sanza, WMP, NNSA/NSO, Las Vegas, NV
K. J. Cabbie, ERP, NNSA/NSO, Las Vegas, NV
NSTec Technical Information Officer, Las Vegas, NV
FFACO Group, PSG, NNSA/NSO, Las Vegas, NV
J. MacDougall, NDEP, Las Vegas, NV
A. L. Primrose, NSTec, Las Vegas, NV
R. A. King, NSTec, Las Vegas, NV
D. M. Nacht, NSTec, Las Vegas, NV
A. J. Silvas, NSTec, Las Vegas, NV

Certificate of Disposal

This is to certify that the Waste Stream No. LRY5LLFY07002 package number 900091 was shipped and received at the Nevada Test Site Radioactive Waste Management Site in Area 5 for disposal as stated below.

Theresa Hale

NSTec Waste Generator Services

Senior Technical Staff

Shipped by

Organization

Title

Theresa Hale

Signature

2-12-08

Date

ED TAKAHASHI

Received by

NSTec RWMC

Organization

SCIENTIST

Title

[Signature]

Signature

Date 13-FEB-2007

Certificate of Disposal

This is to certify that the Waste Stream No. LRY5LLFY07002 package number 424127 was shipped and received at the Nevada Test Site Radioactive Waste Management Site in Area 5 for disposal as stated below.

Theresa Hale

NSTec Waste Generator Services

Senior Technical Staff

Shipped by

Organization

Title

Theresa Hale
Signature

2-13-08
Date

ED TAKAHASHI
Received by

NSTec RWMC
Organization

SCIENTIST
Title

Ch. Delellis
Signature

Date 13-Feb-2008

Certificate of Disposal

This is to certify that the Waste Stream No. LRY5LLFY07002 package number 469324 was shipped and received at the Nevada Test Site Radioactive Waste Management Site in Area 5 for disposal as stated below.

Theresa Hale

NSTec Waste Generator Services

Senior Technical Staff

Shipped by

Organization

Title

Theresa Hale

Signature

2-13-08

Date

ED TAKAHASHI

Received by

NSTec RWMC

Organization

SCIENTIST

Title

Ed Takahashi

Signature

Date 13-Feb-2008

Certificate of Disposal

This is to certify that the Waste Stream No. LRY5LLFY07002 package number 443125 was shipped and received at the Nevada Test Site Radioactive Waste Management Site in Area 5 for disposal as stated below.

Theresa Hale

NSTec Waste Generator Services

Senior Technical Staff

Shipped by

Organization

Title

Theresa Hale
Signature

2-13-08
Date

ED TAKAHASHI
Received by

NSTec RWMC
SCIENTIST
Organization 02/13/08
802/13/08 E1

SCIENTIST
Title

Ed Takahashi
Signature

Date 13-Feb-2008

Certificate of Disposal

This is to certify that the Waste Stream No. LRY5LLFY07002 package number 458513 was shipped and received at the Nevada Test Site Radioactive Waste Management Site in Area 5 for disposal as stated below.

Theresa Hale
Shipped by

WGS
Organization

Senior Technical Support
Title

Theresa Hale
Signature

3-12-08
Date

NANCY ETHERIDGE
Received by

Nstec
Organization

tech Staff
Title

Nancy Etheridge
Signature

Date 3-12-08

Certificate of Disposal

This is to certify that the Waste Stream No. LRY5LLFY07002 package number 424147 was shipped and received at the Nevada Test Site Radioactive Waste Management Site in Area 5 for disposal as stated below.

Theresa Hale

WGS

Technical Support

Shipped by

Organization

Title

Theresa Hale

Signature

3-12-08

Date

NANCY ETHERIDGE

Received by

NSTec

Organization

tech Staff

Title

Nancy Etheridge

Signature

Date 3.12.08

Certificate of Disposal

This is to certify that the Waste Stream No. LRY5LLFY07002 package number 443081 was shipped and received at the Nevada Test Site Radioactive Waste Management Site in Area 5 for disposal as stated below.

Theresa Hale
Shipped by

WGS
Organization

Senior Technical Support
Title

Theresa Hale
Signature

3/18/08
Date

NANCY ETHERIDGE
Received by

NSTec
Organization

tech Staff
Title

Nancy Etheridge
Signature

3-18-08
Date

Certificate of Disposal

This is to certify that the Waste Stream No. LRY5LLFY07002 package number 900186 was shipped and received at the Nevada Test Site Radioactive Waste Management Site in Area 5 for disposal as stated below.

Theresa Hale
Shipped by

WGS
Organization

Senior Technical Support
Title

Theresa Hale
Signature

3/18/08
Date

ED TAKAHASHI
Received by

NSTec RWMC
Organization

SCIENTIST
Title

Ed Takahashi
Signature

Date 18-MAR-2008

Certificate of Disposal

This is to certify that the Waste Stream No. LRY5LLFY07002 package number 476638 was shipped and received at the Nevada Test Site Radioactive Waste Management Site in Area 5 for disposal as stated below.

Theresa Hale
Shipped by

WGS
Organization

Senior Technical Support
Title

Theresa Hale
Signature

3/13/08
Date

NANCY ETHERIDGE
Received by

NSTec
Organization

Tech Staff
Title

Nancy Etheridge
Signature

Date 3.13.08

Certificate of Disposal

This is to certify that the Waste Stream No. LRY5LLFY07002 package number 426018 was shipped and received at the Nevada Test Site Radioactive Waste Management Site in Area 5 for disposal as stated below.

Theresa Hale
Shipped by

WGS
Organization

Senior Technical Support
Title

Theresa Hale
Signature

3-19-08
Date

ED TAKAHASHI
Received by

NSTec RWMC
Organization

SCIENTIST
Title

Ed Sakahashi
Signature

Date 19-MAR-2008

Certificate of Disposal

This is to certify that the Waste Stream No. LRY5LLFY07002 package number 443634 was shipped and received at the Nevada Test Site Radioactive Waste Management Site in Area 5 for disposal as stated below.

Theresa Hale
Shipped by

WGS
Organization

Senior Technical Support
Title

Signature

3-19-08
Date

ED TAKAHASHI
Received by

NSTec RWMC
Organization

SCIENTIST
Title

Signature

Date 19-MAR-2008

Certificate of Disposal

This is to certify that the Waste Stream No. LRY5LLFY07002 package number 476063 was shipped and received at the Nevada Test Site Radioactive Waste Management Site in Area 5 for disposal as stated below.

Theresa Hale
Shipped by

WGS
Organization

Senior Technical Support
Title

Theresa Hale
Signature

3/13/08
Date

NANCY ETHERIDGE
Received by

NSTec
Organization

tech Staff
Title

Nancy Etheridge
Signature

Date 3.13.08

Certificate of Disposal

This is to certify that the Waste Stream No. LRY5LLFY07002 package number 459381 was shipped and received at the Nevada Test Site Radioactive Waste Management Site in Area 5 for disposal as stated below.

Theresa Hale
Shipped by

WGS
Organization

Senior Technical Support
Title

Theresa Hale
Signature

3/17/08
Date

NANCY ETHERIDGE
Received by

NSTec
Organization

tech Staff
Title

Nancy Etheridge
Signature

Date 3.17.08

Certificate of Disposal

This is to certify that the Waste Stream No. LRY5LLFY07002 package number 424067 was shipped and received at the Nevada Test Site Radioactive Waste Management Site in Area 5 for disposal as stated below.

Theresa Hale
Shipped by

WGS
Organization

Senior Technical Support
Title

Theresa Hale
Signature

3/17/08
Date

Nancy Etheridge
Received by

NSTec
Organization

tech Staff
Title

Nancy Etheridge
Signature

Date 3.17.08

Certificate of Disposal

This is to certify that the Waste Stream No. LRY5LLFY07002 package number 228223 was shipped and received at the Nevada Test Site Radioactive Waste Management Site in Area 5 for disposal as stated below.

Theresa Hale
Shipped by

WGS
Organization

Senior Technical Support
Title

Theresa Hale
Signature

3/25/08
Date

Nancy Etheridge
Received by

NSTec
Organization

tech Staff
Title

Nancy Etheridge
Signature

Date 3-25-08

Certificate of Disposal

This is to certify that the Waste Stream No. LRY5LLFY07002 package number 228306 was shipped and received at the Nevada Test Site Radioactive Waste Management Site in Area 5 for disposal as stated below.

Theresa Hale
Shipped by

WGS
Organization

Senior Technical Support
Title

Theresa Hale
Signature

3/25/08
Date

Nancy Etheridge
Received by

NSTEC
Organization

tech Staff
Title

Nancy Etheridge
Signature

Date 3.25.08

Certificate of Disposal

This is to certify that the Waste Stream No. LRY5LLFY07002 package number 228591 was shipped and received at the Nevada Test Site Radioactive Waste Management Site in Area 5 for disposal as stated below.

Theresa Hale
Shipped by

WGS
Organization

Senior Technical Support
Title

Theresa Hale
Signature

3/25/08
Date

Nancy Etheridge
Received by

Nstec
Organization

tech Staff
Title

Nancy Etheridge
Signature

Date 3.25.08

Certificate of Disposal

This is to certify that the Waste Stream No. LRY5LLFY07002 package number 08L011 was shipped and received at the Nevada Test Site Radioactive Waste Management Site in Area 5 for disposal as stated below.

Theresa Hale
Shipped by

WGS
Organization

Senior Technical Support
Title

Theresa Hale
Signature

3/19/08
Date

Nancy Etheridge
Received by

NSTec
Organization

tech Staff
Title

Nancy Etheridge
Signature

Date 3.19.08

Certificate of Disposal

This is to certify that the Waste Stream No. LRY5LLFY07002 package number 710901 was shipped and received at the Nevada Test Site Radioactive Waste Management Site in Area 5 for disposal as stated below.

Theresa Hale
Shipped by

WGS
Organization

Senior Technical Support
Title

Theresa Hale
Signature

3/25/08
Date

ED TAKAHASHI
Received by

NSTec RWMC
Organization

SCIENTIST.
Title

Ed Takahashi
Signature

Date 25 - MAR - 2008