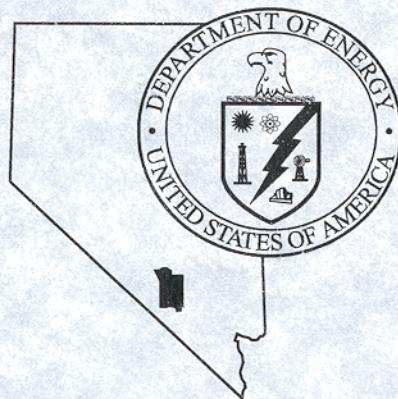


Nevada  
Environmental  
Restoration  
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DOE/NV/11718--170-ADD



Addendum to Closure Report  
For Housekeeping Category  
Corrective Action Unit 347  
Nevada Test Site, Nevada

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CORRECTIVE ACTION UNIT 347  
NEVADA TEST SITE**

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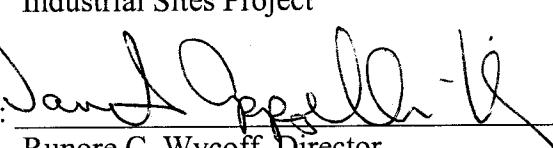
**May 1999**

**Prepared for the U.S. Department of Energy  
Nevada Operations Office  
Work Performed Under Contract No. DE-AC08-96NV11718**

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**ADDENDUM TO  
CLOSURE REPORT FOR HOUSEKEEPING CATEGORY  
CORRECTIVE ACTION UNIT 347  
NEVADA TEST SITE**

Approved by:   
Janet L. Appenzeller-Wing, Project Manager  
Industrial Sites Project

Approved by:   
Runore C. Wycoff, Director  
Environmental Restoration Division  


Date: 6/2/99

Date: 6/2/99

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## INTRODUCTION

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This Closure Report Addendum for Corrective Action Unit (CAU) 347 summarizes the disposition of four Corrective Action Sites (CASs) located in Area 25 of the Nevada Test Site (NTA), Nevada. These sites were excluded from the January 1998, Closure Report for CAU 347 (DOE/NV, 1998) because they were determined to require corrective actions which were outside the scope of work as defined in the Housekeeping Category Corrective Action Unit Work Plan (DOE/NV, 1996). Table 1 provides a description of each CAS and its' status with respect to the Federal Facilities Agreement and Consent Order (FFACO, 1996) and agreements made with the Nevada Division of Environmental Protection (NDEP). Copies of the Housekeeping Closure Verification Forms for each CAS are included in Attachment A.

**TABLE 1 - SUMMARY OF CAS DISPOSITION**

CAS NUMBER	DESCRIPTION OF CAS	STATUS
05-22-04	55-Gallon Drum - ½ buried (active gas block)	Item is a gas block and still serves its purpose near U5e test hole. In June 1998, this CAS had been demoted to CAU 501 in Appendix II of the FFACO. In October 1998, NDEP approved the transfer of this CAS from CAU 501 to CAU 5000.
05-22-07	Gas Block (active gas block)	Item still serves its purpose at Surface Ground Zero (SGZ) U5e. Inactive signal cables within vicinity were retrieved and recycled. In June 1998, this CAS had been demoted to CAU 501 in Appendix II of the FFACO. In October 1998, NDEP approved the transfer of this CAS from CAU 501 to CAU 5000.
11-22-03	55-Gallon Drum	Drum contains debris contaminated with americium and plutonium. It is located within a posted contamination area and includes one other 55-gallon drum of unknown content and a pile of steel cable debris. On June 29, 1998, NDEP approved the transfer of this CAS from CAU 347 to CAU 498 in Appendix II of the FFACO.
11-22-05	(3) Drums (active gas blocks)	All three drums, located within a potential crater area, are gas blocks and continue serving their intended purpose. In June 1998, this CAS had been demoted to CAU 501 in Appendix II of the FFACO. In October 1998, NDEP approved the transfer of this CAS from CAU 501 to CAU 5000.

## **REFERENCES**

---

DOE/NV, see U. S. Department of Energy, Nevada Operations Office.

U. S. Department of Energy, Nevada Operations Office, 1996, Housekeeping Category Corrective Action Unit Work Plan, DOE/NV-452, UC-700, Las Vegas, Nevada.

U. S. Department of Energy, Nevada Operations Office, 1998, Closure Report for Housekeeping Category Corrective Action Unit 347 Nevada Test Site, DOE/NV/11718-170, UC-702, Las Vegas, Nevada.

FFACO, see *Federal Facilities Agreement and Consent Order*.

*Federal Facilities Agreement and Consent Order*, 1996, Agreed to by the Nevada Division of Environmental Protection, the U.S. Department of Energy, and the U.S. Department of Defense.

**ATTACHMENT A**

**HOUSEKEEPING CLOSURE VERIFICATION FORMS**

## FFACO CORRECTIVE ACTION SITE HOUSEKEEPING CLOSURE VERIFICATION FORM

**Closure Verification Date:** September 14, 1997

**CAS Number:** 05-22-04

**CAU Number:** 347

**General Location:** Well RNM-2s

**Elevation:**

**Latitude:**

**Northing:** 755,113

**Longitude:**

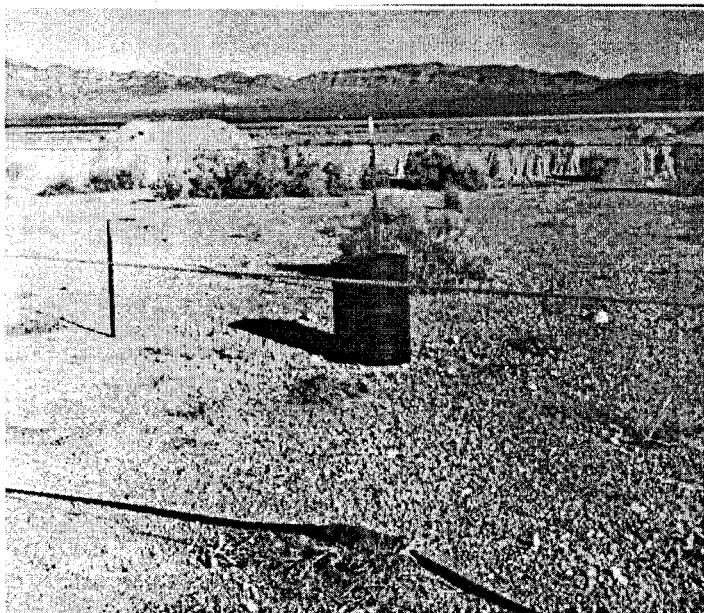
**Easting:** 704,801

Coordinate/Elevation Data Obtained from Garmin 40 Global Position System: Accuracy is within 300 feet Horizontal - Vertical Varies with Locality

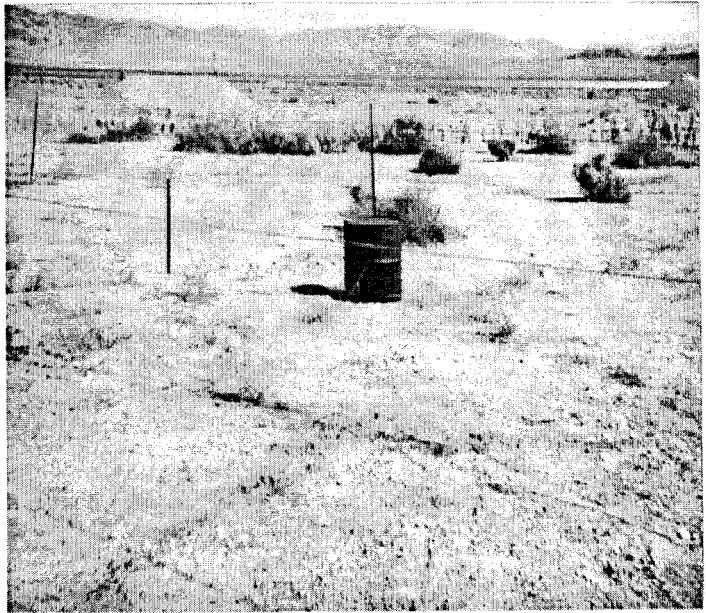
**Site Access Route:** Take Mercury Highway north to 5-01 Road. Go straight (north) on 5-01 Road and proceed to 5-07 Road, turning left (west). Continue on 5-07 Road for approximately 0.5 miles. Turn left (south) on dirt road towards Well RNM-2s, and proceed 0.2 miles to CAS. The CAS lies approximately 25 yards north of the well.

<b>Waste Item(s) Originally at Site</b>	<b>Apparent Waste Type*</b>
(1) 55-gallon Drum - ½ buried	Radioactive (potential)

\* Ordinary, Scrap Metal, Asbestos, Polychlorinated biphenyl (PCB), Salvageable, Hazardous, Radioactive, Mixed, Unknown, Other



**CAS Prior to Cleanup- September 27, 1990**



**CAS After Cleanup- September 14, 1997**

### **Current Site Description/Observations:**

This CAS was originally identified on September 27, 1990, and consists of a gas block used to contain possible venting of radioactive gases. No attempts were made to remove this item as it appeared that it was still serving its purpose. It is located near the Cambrie test hole, U5e (CAS 05-22-07). Inactive signal cables surrounding the area were retrieved and recycled through Property and Supply.

**No Further Action Required at Corrective Action Site - Moved to CAU 5000 in Appendix II**

C. Carlos Gonzales

Corrective Action Coordinator/Designee

*C. Carlos Gonzales*  
(Signature)

5/27/99

Date

**FFACCO CORRECTIVE ACTION SITE  
HOUSEKEEPING CLOSURE VERIFICATION FORM**

**Closure Verification Date:** September 14, 1997

**CAS Number:** 05-22-07

**CAU Number:** 347

**General Location:** U5e SGZ

**Elevation:**

**Latitude:**

**Northing:** 755,419

**Longitude:**

**Easting:** 704,831

Coordinate/Elevation Data Obtained from Garmen 40 Global Position System: Accuracy is within 300 feet Horizontal - Vertical Varies with Locality

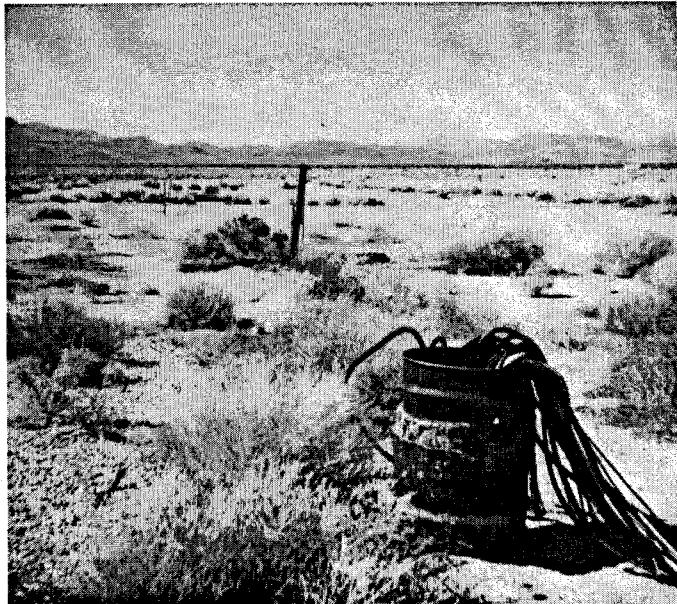
**Site Access Route:** Take Mercury Highway north to the 5-01 Road. Proceed on 5-01 Road for 1.3 miles past 5-03 Road to the Cambrie Ditch. At Cambrie Ditch, turn left (west) for 0.5 miles to U5e SGZ. The CAS can be seen at the crest of high ground within a fenced area.

<b>Waste Item(s) Originally at Site</b>	<b>Apparent Waste Type*</b>
(1) Gas Block	Unknown

\* Ordinary, Scrap Metal, Asbestos, PCB, Salvageable, Hazardous, Radioactive, Mixed, Unknown, Other



CAS Prior to Cleanup- October 16, 1990



CAS After Cleanup- September 14, 1997

**Current Site Description/Observations:** The CAS was originally identified on October 16, 1990, and consists of a gas block used on downhole cables to contain potential venting of radioactive gases. No attempts were made to remove this item as it appeared that it was still serving its purpose (located on SGZ of U5e /Cambrie). NTS personnel retrieved inactive signal cables surrounding the area for recycling through Property and Supply, and miscellaneous trash and debris were collected and disposed of at the Area 23 Landfill.

**No Further Action Required at Corrective Action Site - Moved to CAU 5000 in Appendix II**

C. Carlos Gonzales  
Corrective Action Coordinator/Designee

*C. Carlos Gonzales*  
(Signature)

5/27/99

Date

# FFACO CORRECTIVE ACTION SITE HOUSEKEEPING CLOSURE VERIFICATION FORM

Closure Verification Date: April 28, 1997

CAS Number: 11-22-03

CAU Number: 347

General Location: Plutonium Valley

Elevation:

Latitude: 36° 57' 27"

Northing:

Longitude: 115° 58' 03"

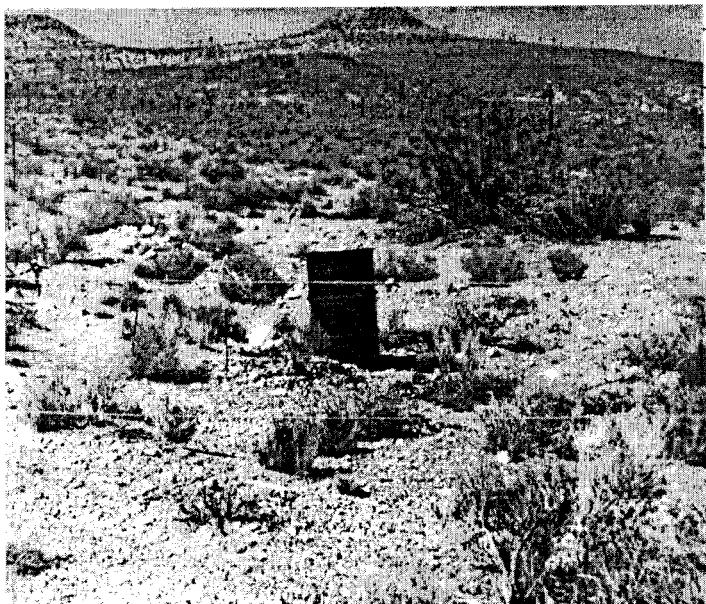
Easting:

Coordinate/Elevation Data Obtained from Garmen 40 Global Position System: Accuracy is within 300 feet Horizontal - Vertical Varies with Locality

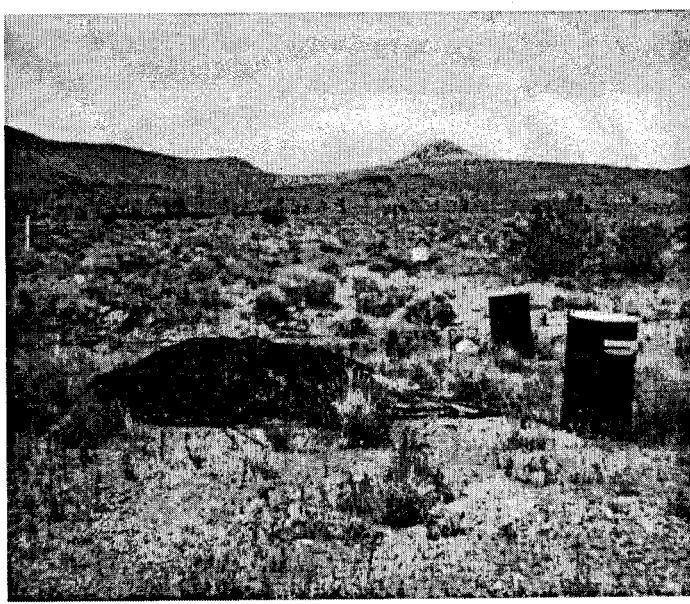
**Site Access Route:** Take Mercury Highway north, turning right (east) on Tweezer Road. Turn right (south) on Orange Blossom Road and follow it to the Rad-Safe Marker 11A-20. Turn left (north) into Plutonium Valley towards the Contaminated Waste Dump #2. A Radiological Control Technician escort and Operations Control Center pre-notification is required for entry into the Plutonium Valley compound.

Waste Item(s) Originally at Site	Apparent Waste Type*
(1) 55-gallon Drum	Radioactive

\* Ordinary, Scrap Metal, Asbestos, PCB, Salvageable, Hazardous, Radioactive, Mixed, Unknown, Other



CAS Prior Status- October 15, 1990



CAS Current Status- April 28, 1997

**Current Site Description/Observations:** The CAS was originally identified on October 15, 1990, as having only one drum. On April 28, 1997, NTS personnel verified the CAS had two drums. The contents of the original 55-gallon drum, located within a posted contamination area, were described as consisting of metal and cable "highly contaminated" with americium and plutonium. The site also has miscellaneous steel cable debris and a second 55-gallon drum of unknown content. This CAS is outside the scope of Housekeeping Category corrective actions. Field personnel recorded global positioning system coordinates at the access road barricade on April 23, 1996.

Remove From CAU 347 and Move to CAU 498 in Appendix II

C. Carlos Gonzales  
Corrective Action Coordinator/Designee

  
(Signature)

5/27/99

Date

# FFACO CORRECTIVE ACTION SITE HOUSEKEEPING CLOSURE VERIFICATION FORM

Closure Verification Date: April 24, 1997

CAS Number: 11-22-05

CAU Number: 347

General Location: U-11d SGZ

Elevation:

Latitude:

Northing: not available

Longitude:

Easting: not available

Coordinate/Elevation Data Obtained from Garmen 40 Global Position System: Accuracy is within 300 feet Horizontal - Vertical Varies with Locality

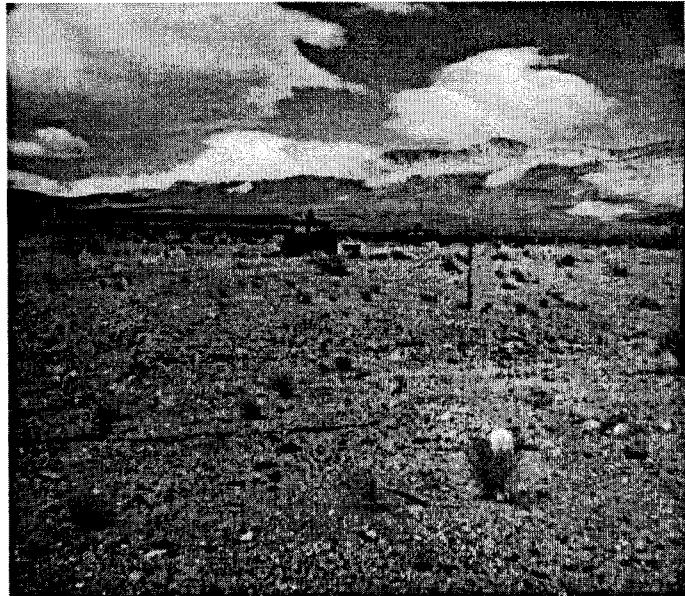
**Site Access Route:** Take Mercury Highway north, veering north on the 5-01 Road towards the Radioactive Waste Management Site. 5-01 is blocked with a dirt berm, so take berm road west, north, then east. Turn left (north) on 5-01 where the road turns into "B" Road. Turn west to U11d. The CAS lies within a potential crater area. Three gas blocks (semi-buried 55-gallon drums) may be seen from the fenceline.

Waste Item(s) Originally at Site	Apparent Waste Type*
(3) Drums	Unknown

\* Ordinary, Scrap Metal, Asbestos, PCB, Salvageable, Hazardous, Radioactive, Mixed, Unknown, Other



CAS Prior Status- December 27, 1990



CAS Current Status- April 24, 1997

**Current Site Description/Observations:** The CAS was originally identified on December 27, 1990, and was described as having three partially buried drums with "unknown contents." The drums are actually gas blocks and are located within a posted potential crater area on SGZ of U11d, not "Ue11d" as originally identified. The gas blocks appear to be serving their purpose, so no attempts were made to seek permission to conduct cleanup operations inside the potential crater area. This CAS is outside the scope of the Housekeeping cleanup process.

No Further Action Required at Corrective Action Site - Moved to CAU 5000 in Appendix II

C. Carlos Gonzales  
Corrective Action Coordinator/Designee

  
(Signature)

5/27/99

Date

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