Nevada
Environmental
Restoration
Project

DOE/NV-11718-171
UC-702

Closure Report
for Housekeeping Category
Corrective Action Unit 348
Nevada Test Site

Controlled Copy No. _____

Revision: 0

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January 1998

MASTER

Environmental Restoration
Division

U.S. Department of Energy
Nevada Operations Office

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**CLOSURE REPORT FOR HOUSEKEEPING CATEGORY
CORRECTIVE ACTION UNIT 348
NEVADA TEST SITE**

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

Controlled Copy No.: _____

Revision: 0

**Prepared by
Bechtel Nevada
Environmental Restoration**

January 1998

This Closure Report is prepared in accordance with the *Work Plan for Closure Verification of FFACO Housekeeping Corrective Action Sites/Units* (DOE/DoD, 1996). This Closure Report summarizes the corrective actions which were completed at twelve Corrective Action Sites within Corrective Action Unit 348. This Closure Report is subject to review and approval by the Nevada Division of Environmental Protection.

FFACO HOUSEKEEPING CATEGORY CORRECTIVE ACTION UNIT 348

CAS NUMBER	DESCRIPTION OF CAS	STATUS
06-22-17	(2) empty 55-gal. drums	Materials had been previously removed. No further action required.
06-22-30	(4) 55-gal. drums	Drums had previously been removed. Remaining materials included one lead box with detectable radioactivity (mixed waste). The mixed waste was transferred to the A-5 TRU Pad for storage pending disposition. No further action required.
06-22-37	(2) empty 55-gal. drums	Three empty drums and misc. debris were retrieved for disposal. No further action required.
06-22-40	(1) empty 20-gal. gas can	An empty 5-gal. can was found at this CAS and retrieved with other debris for disposal. No further action required.
06-22-45	(1) non-empty drum	The drum, previously removed from original CAS location, was found empty and disposed with other empty containers. No further action required.
06-22-47	(1) non-empty plastic drum	Item had previously been removed. Remaining debris was retrieved and disposed. No further action required.
06-24-04	(2) Batteries	Item had previously been removed. No further action required.
06-24-06	(1) Battery	Item was retrieved and recycled. No further action required.
06-24-07	(5) Batteries	Items were carbon batteries and were retrieved with other debris for disposal. No further action required.
06-24-08	(2) Lead-acid batteries	Two wood boxes were found containing two batteries each and were retrieved for recycling. No further action required.

FFACO HOUSEKEEPING CATEGORY CORRECTIVE ACTION UNIT 348

CAS NUMBER	DESCRIPTION OF CAS	STATUS
06-27-01	(1) Transformer	Item had previously been replaced with a non-PCB type. No further action required.
06-99-02	Bottles	Broken glass bottles were retrieved for disposal. No further action required.

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

Closure Verification Date: 06-MAY-97

CAS Number: 06-22-17

CAU Number: 348

General Location: Yucca Lake

Elevation:

Latitude:

Northing: 809,262.327

Longitude:

Easting: 692,364.034

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

Site Access Route: Mercury Hwy north to Area 6 Tweezer Rd, turn right (east) for 1.3 mi. Turn right (south) on dirt road to lake. At Yucca Lake edge, turn left (east) for 0.85 mi to CAS.

Waste Item(s) Originally at Site	Apparent Waste Type*
Two 55-gal. drums (empty)	Ordinary

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

CAS Status Prior To Cleanup

CAS Status After Cleanup

Current Site Description/Observations: Originally identified on 22-OCT-90, NTS field crews confirmed on 22-JUN-93 that the two empty drums had been removed and a marker was placed at the CAS. The northern edge of Yucca Lake was reconned on 06-MAY-97 and it was verified that no empty drums remained. The CAS stake was not found.

☒ **No Further Action Required at Corrective Action Site**

C. Carlos Gonzales

Corrective Action Coordinator/Designee

C. Carlos Gonzales
(Signature)

1-6-98

Date

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

Closure Verification Date: 28-SEP-97

CAS Number: 06-22-30

CAU Number: 348

General Location: East of CP-50

Elevation:

Latitude:

Northing: 795,293.732

Longitude:

Easting: 679,707.539

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

Site Access Route: Mercury Hwy north to Area 6 Control Point (CP). Turn left (west) towards CP, followed by an immediate left (south) towards concrete pads. The CAS lies on the concrete pad next to a power substation, located east of the CP-2 Building. No site restrictions apply, but the area is marked "Underground Radioactive Material".

Waste Item(s) Originally at Site	Apparent Waste Type*
Four 55-gal. drums (maybe empty)	Unknown

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

CAS Status Prior To Cleanup

CAS Status After Cleanup

Current Site Description/Observations: Originally identified on 29-JAN-91, four drums were being used to hold up a pickup camper on the concrete pad. NTS personnel verified that the drums and camper were no longer there (disposition could not be established), and instead found steel debris and a large lead box. The lead box was found to be activated and is an identified mixed waste (MW). The steel debris was disposed at the Area 23 Landfill and the MW was taken to the Area 5 TRU Waste Storage Pad for storage pending final disposition.

☒ **No Further Action Required at Corrective Action Site**

C. Carlos Gonzales

Corrective Action Coordinator/Designee

C. Carlos Gonzales
(Signature)

1-6-98
Date

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

Closure Verification Date: 19-SEP-97

CAS Number: 06-22-37

CAU Number: 348

General Location: Tippipah/Mercury Hwy

Elevation:

Latitude:

Northing:

Longitude:

Easting:

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

Site Access Route: Mercury Hwy north to Area 6, turn left (west) on Tippipah Hwy for 0.1 mi. The CAS lies on the left (south) side of the road approx. 100 yards from "buried cable" marker.

Waste Item(s) Originally at Site	Apparent Waste Type*
Two 55-gal. drums (empty)	Ordinary

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

CAS Status Prior To Cleanup

CAS Status After Cleanup

Current Site Description/Observations: Identified on 16-OCT-90, the original driving instructions lead NTS field crews to the north edge of Yucca Lake, an area without yucca trees (as seen in the photograph). NTS personnel, using the original CAS photograph, found the actual site near the Mercury Hwy/Tippipah Hwy intersection. Three empty 55-gallon drums and one weathered tire were retrieved and disposed at the Area 23 Landfill.

☒ **No Further Action Required at Corrective Action Site**

C. Carlos Gonzales

Corrective Action Coordinator/Designee

C. Carlos Gonzales
(Signature)

1-6-98
Date

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

Closure Verification Date: 09-AUG-97

CAS Number: 06-22-40

CAU Number: 348

General Location: Area 6 CP Lagoon

Elevation:

Latitude:

Northing:

Longitude:

Easting:

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

Site Access Route: Mercury Hwy north to Area 6 Rad-Safe Marker (RSM) M-82. Turn right (east) towards sewage lagoons and drive to southeast corner of lagoons. The CAS lies approx. 200 feet SE of the lagoons.

Waste Item(s) Originally at Site	Apparent Waste Type*
One 20-gal. gas can (empty)	Ordinary

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

CAS Status Prior To Cleanup

CAS Status After Cleanup

Current Site Description/Observations: Originally identified as a 20-gal. gas can on 29-JAN-91, NTS personnel only found an empty 5-gal. gas can next to the CAS field marker. Additional empty, metal containers and debris were retrieved from a wash south of the lagoons and were disposed of at the Area 9 U10c Landfill.

☒ **No Further Action Required at Corrective Action Site**

C. Carlos Gonzales

Corrective Action Coordinator/Designee

C. Carlos Gonzales 1-6-98
(Signature) Date

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

Closure Verification Date: 27-AUG-97

CAS Number: 06-22-45

CAU Number: 348

General Location: Area 6 CP-50

Elevation:

Latitude:

Northing: 795,027.660

Longitude:

Easting: 679,640.612

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

Site Access Route: Mercury Hwy north to Area 6, turning left (west) towards the Control Point (CP). Turn left (south) past CP-50 and follow road down the hill to the railroad cars. A CAS marker lies along the east side of the railroad cars.

Waste Item(s) Originally at Site	Apparent Waste Type*
One Drum (1/4-filled with liquid)	Unknown

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

CAS Status Prior To Cleanup

CAS Status After Cleanup

Current Site Description/Observations: Originally identified on 13-APR-93, NTS personnel verified that the drum had been removed from its original location. The drum had been identified as having spray-painted markings "1216 1010", and one such drum (empty) was found near Bldg. CP-50. It and several other empty, metal containers were removed and disposed at the Area 23 Landfill.

☒ **No Further Action Required at Corrective Action Site**

C. Carlos Gonzales

Corrective Action Coordinator/Designee

C. Carlos Gonzales 16-98
(Signature) Date

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

Closure Verification Date: 09-AUG-97

CAS Number: 06-22-47

CAU Number: 348

General Location: Area 6 Well 3 Yard

Elevation:

Latitude:

Northing:

Longitude:

Easting:

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

Site Access Route: Mercury Hwy north to Area 6 Well 3 Yard, turning left (west) onto 6-06 Rd for 0.5 mi. At end of yard, turn left (south) and follow dirt road for 0.1 mi to the third power pole (BBU 13). The original CAS was on the left (east) side, approx. 15 feet from the road.

Waste Item(s) Originally at Site	Apparent Waste Type*
One Plastic Drum (with waste water)	Unknown

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

CAS Status Prior To Cleanup

CAS Status After Cleanup

Current Site Description/Observations: Originally identified on 25-Aug-93, NTS personnel verified that the plastic drum had been removed. Debris found at the CAS consisted of wood, rubber, and PVC; these were disposed at the Area 9 U10c Landfill.

☒ **No Further Action Required at Corrective Action Site**

C. Carlos Gonzales

Corrective Action Coordinator/Designee

C. Carlos Gonzales
(Signature)

1-6-98

Date

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

Closure Verification Date: 06-MAY-97

CAS Number: 06-24-04

CAU Number: 348

General Location: Area 6 CP-50 Hot Park

Elevation:

Latitude:

Northing:

Longitude:

Easting:

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

Site Access Route: Mercury Hwy north to Area 6, turning left (west) towards the Control Point (CP). Turn left (south) past CP-50 and follow road downhill toward the Hot Park. (This "Hot Park" no longer exists.)

Waste Item(s) Originally at Site	Apparent Waste Type*
Two Batteries	Recyclable

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

CAS Status Prior To Cleanup

CAS Status After Cleanup

Current Site Description/Observations: Originally identified on 19-DEC-90, NTS personnel verified that the "Hot Park" no longer existed and the office trailer had been removed. A January 1992 memo found in the CAS field file indicates that the batteries had been previously removed and recycled through an offsite contractor.

☒ **No Further Action Required at Corrective Action Site**

C. Carlos Gonzales

Corrective Action Coordinator/Designee

C. Carlos Gonzales
(Signature)

1-6-98
Date

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

Closure Verification Date: 08-AUG-97

CAS Number: 06-24-06

CAU Number: 348

General Location: U3lk Crater

Elevation:

Latitude:

Northing: 817,708.035

Longitude:

Easting: 688,635.755

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

Site Access Route: Mercury Hwy north to Area 6, turning right (east) onto 6-09 Rd for approx. 0.28 mi. After passing 3-12 Rd (not 6-12 Rd, as previously recorded), turn right (south) on dirt road towards the NE side of U3lk Crater.

Waste Item(s) Originally at Site	Apparent Waste Type*
One Battery (intact)	Recyclable

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

CAS Status Prior To Cleanup

CAS Status After Cleanup

Current Site Description/Observations: Originally identified on 02-JUN-93, NTS personnel retrieved the intact battery on 08-AUG-97 and delivered it to Fleet Operations in Mercury for recycling. Batteries are routinely taken offsite for recycling by Interstate Battery, Las Vegas, NV.

☒ **No Further Action Required at Corrective Action Site**

C. Carlos Gonzales

Corrective Action Coordinator/Designee

C. Carlos Gonzales
(Signature)

1-6-98
Date

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

Closure Verification Date: 08-AUG-97

CAS Number: 06-24-07

CAU Number: 348

General Location: Repeater Station

Elevation:

Latitude:

Northing: 798,694.247

Longitude:

Easting: 670,843.565

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

Site Access Route: Mercury Hwy north to Area 6, turning left (west) onto Tippipah Hwy. Proceed to 6-04 Rd, turning left (SW) for 3.3 mi and turn left (north) just prior to going up hill to Repeater Station. The CAS lies at end of dirt road within corrugated steel casing.

Waste Item(s) Originally at Site	Apparent Waste Type*
Five Batteries (carbon)	Ordinary

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

CAS Status Prior To Cleanup

CAS Status After Cleanup

Current Site Description/Observations: Originally identified by field crews on 05-AUG-93, NTS personnel retrieved the carbon batteries (5) on 08-AUG-97 for disposal at the Area 23 Landfill. Miscellaneous cable debris were also retrieved for disposal.

☒ **No Further Action Required at Corrective Action Site**

C. Carlos Gonzales

Corrective Action Coordinator/Designee

C. Carlos Gonzales
(Signature)

1-6-98

Date

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

Closure Verification Date: 08-AUG-97

CAS Number: 06-24-08

CAU Number: 348

General Location: Repeater Station

Elevation:

Latitude:

Northing: 798,575.810

Longitude:

Easting: 670,847.174

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

Site Access Route: Mercury Hwy north to Area 6, turning left (west) onto Tippipah Hwy. Proceed to 6-04 Rd, turning left (SW) for 3.3 mi and turn left (north) just prior to going up hill to Repeater Station. The CAS lies approximately 100 meters in along left side of road.

Waste Item(s) Originally at Site	Apparent Waste Type*
Two Batteries (lead-acid)	Recyclable

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

CAS Status Prior To Cleanup

CAS Status After Cleanup

Current Site Description/Observations: Originally identified by field crews on 05-AUG-93, NTS personnel found 4 batteries at this location (two wood boxes containing two batteries each). The batteries were taken to the Area 23 Fleet Operations for recycling, and the wood boxes, with steel and cable debris, were retrieved and disposed at the Area 23 Landfill.

☒ **No Further Action Required at Corrective Action Site**

C. Carlos Gonzales

Corrective Action Coordinator/Designee

C. Carlos Gonzales
(Signature)

1-6-98

Date

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

Closure Verification Date: 06-MAY-97

CAS Number: 06-27-01

CAU Number: 348

General Location: CP-50

Elevation:

Latitude:

Northing: 795,278.640

Longitude:

Easting: 679,452.099

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

Site Access Route: Mercury Hwy north to Area 6 Control Point (CP). Turn left (west) towards CP, veering left (south) to the CP-50 Building. The CAS transformer is located above the stairs along the east side of CP-50.

Waste Item(s) Originally at Site	Apparent Waste Type*
Transformer	PCB

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

CAS Status Prior To Cleanup

CAS Status After Cleanup

Current Site Description/Observations:

Originally identified on 10-DEC-90, this transformer was scheduled to be changed out on 13-DEC-90. On 15-DEC-94, field crews verified that the transformer had been replaced and was marked "NON PCB". NTS personnel verified on 06-MAY-97 that the item was indeed marked "NON PCB" and was no longer an environmental concern.

☒ **No Further Action Required at Corrective Action Site**

C. Carlos Gonzales

Corrective Action Coordinator/Designee

C. Carlos Gonzales
(Signature)

1-6-98
Date

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

Closure Verification Date: 14-SEP-97

CAS Number: 06-99-02

CAU Number: 348

General Location: Tony Site

Elevation:

Latitude:

Northing:

Longitude:

Easting:

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

Site Access Route: Mercury Hwy north to Tweezer Rd, turn right (east) for 2.8 mi to A-Rd. Turn right (south) for 1.6 mi to fork in road, veering right (SW) for 0.2 mi to another fork. Veer left (SW) for 1.6 mi to Yucca Lake Fenceline Rd, turning left (south) for 0.4 mi to the Tony Site. No direct site restrictions apply; the area is posted "Buried Radioactive Material - Digging Prohibited".

Waste Item(s) Originally at Site	Apparent Waste Type*
Bottles	Ordinary

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

CAS Status Prior To Cleanup

CAS Status After Cleanup

Current Site Description/Observations: Originally identified on 17-OCT-90, NTS personnel verified that the waste, consisting of intact and broken glass bottles, was still present on 13-MAY-97. The glass debris was retrieved from a small wash on 14-SEP-97 and disposed of at the Area 23 Landfill.

☒ **No Further Action Required at Corrective Action Site**

C. Carlos Gonzales

C. Carlos Gonzales
(Signature)

1-6-98

Corrective Action Coordinator/Designee

Date

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