

ER Record I.D.# 0000619

DATE RECEIVED: 9-18-91 PROCESSOR: Z/8

Part I: Complete all fields; indicate NA (Not Applicable) if appropriate. Please write legibly.

DOCUMENT TO: Allen Valentino DOCUMENT DATE: 12/12/73

ORIGINATOR NAME: C.D. Blackwell ORGANIZATION: H-1

SYMBOL: na PAGE COUNT: 1

SUBJECT/TITLE: Removal of structures at TA-26 (D-site Vault)

RECORD TYPE (Circle relevant type):

- | | | | | |
|------------------|-------------|----------------|------------------------|-----------|
| Analytical Data | Figure | Microform | Purchase Request | Video |
| Chain-of-Custody | Interview | Notebook | Receipt Acknowledgment | Work Plan |
| Computer Output | Letter | Personal Notes | Report | |
| Contract | Logbook | Photo | Study | |
| Drawing | Map | Plan | Telephone Record | |
| FAX | <u>Memo</u> | Procedure | Transcription | |

RECORD CATEGORY: ADP

RECORD PACKAGE # na

Part II: Complete all fields; indicate NA (Not Applicable) if appropriate. Please write legibly.

TECH AREA(S)

LIST RELEVANT TECH AREA(S) HERE.
26

SWMU NO(S)

LIST RELEVANT SWMUS HERE.
na

ADS NO(S)

LIST RELEVANT ADS NO(S) HERE.
1071

STRUCTURE NO(S)

LIST RELEVANT STRUCTURE NO(S) HERE.
na



Part III: Complete all fields; indicate NA (Not Applicable) if appropriate. Please write legibly.

WBS NO(S) <small>LIST RELEVANT WBS NO(S) HERE.</small>	DOCUMENT TO <small>LIST MULTIPLE RECIPIENTS HERE.</small>	ORIGINATOR NAMES <small>LIST MULTIPLE ORIGINATORS HERE.</small>
1.5.4.1	na	na

CORRECTION Y/N: na PREVIOUS ER ID NO: na
 CORRECTION DESCRIPTION: na
 SUPERSEDE: na DELETION: na ADDITION: na REVISION: na

Part IV: Complete all fields; indicate NA (Not Applicable) if appropriate. Please write legibly.

MISCELLANEOUS 1: Ad work plan 1071
 MISCELLANEOUS 2: na

KEYWORDS: Circle relevant KEYWORDS from the list below.

Accelerator	Contract	History	PA/RFA (Preliminary Assessment/RCRA Facility Assessment)	SOP (Standard Operating Procedure)
Accident	Controlled Distribution	Hydrology	PCB (Polychlorinated Biphenyl)	Statistics
Acid	Correspondence	HSWA (Hazardous and Solid Waste Amendments)	Permit	Steamline
AEC (Atomic Energy Commission)	DQO (Data Quality Objectives)	Implosion	Personnel Description	Storage
Ak	Debris	Impoundment	Personnel Qualification	<u>Structure</u>
<u>Alpha</u>	Decision Analysis	Incinerator	Photo	Subsurface
Americium	Decommission	Inorganic	Pilot Study	Sump
Analysis	<u>Decommissioned</u>	IRMA (Interim Remedial Measure)	Pipe	Surface
AOC (Area of Concern)	Deficiency Report	Isotope	Plant	Surveillance
Aquifer	<u>Deflection</u>	IWP (Installation Work Plan)	Pit	Survey Location
ARAR (Applicable, Relevant, or Appropriate Requirements)	Denial	Landfill	Plutonium	Swipe
Archaeology	<u>Disposal</u>	Leach Field	Polonium	SWMU (Solid Waste Management Unit)
Arsenic	DOE (Department of Energy)	Leak	PRS (Potential Release Site)	
Asbestos	Draft	Liquid	Procedure	Tank
Audh	Drainage	Manhole	Propellant	TCLP (Toxicity Characteristic Leaching Procedure)
	Drinking	MDA (Material Disposal Area)	QA (Quality Assurance)	Testing
Bacteria	Ecology	Mercury	QP (Quality Procedure)	Test Area
Barium	Emission	Metal	Radioactive	TLD (Thermoluminescent Dosimeter)
Barytium	Engineering	Minutes	Radiochemistry	Toxic Metal
Beta	Environmental Research	Mixed Waste	Radionuclide	Training
Biology	EPA (Environmental Protection Agency)	Model	RCRA (Resource, Conservation and Recovery Act)	Transport
Budget	ERDA (Energy Research and Development Administration)	<u>Monitoring</u>	Reference	Trench
Burn	Erosion	Monthly Report	Regulation	Trilium
	ES&H (Environment, Safety, and Health)	NEPA (National Environmental Policy Act)	Release	TRU (Transuranic)
Cadmium	Excavation	NEHA (New Mexico Environmental Division)	RFI/RI (RCRA Facility Investigation/Remedial Investigation)	TSCA (Toxic Substances Control Act)
Canyon	Explosive	NMED (New Mexico Environmental Division)	Risk	Tuff
Causelo	Fence	NMRED (New Mexico Environmental Improvement Division)	RPF (Records Processing Facility)	<u>Uranium</u>
CEARP (Comprehensive Environmental Assessment and Response Program)	FWAD (Facility for Information Management, Analysis, and Display)	NPDES (National Pollutant Discharge Elimination System)	Safety	USGS (United States Geological Survey)
CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act)	Fire	NRC (Nuclear Regulatory Commission)	Sample	UST (Underground Storage Tanks)
Cesium	Firing Site	OH	Sampling Plan	VE (Value Engineering)
Change Control	Fuel	OU (Operable Unit)	Schedule	Ventilation
Chemical	Gamma	Organic	Scrubber	Volatile
Chromium	Gas	OSHA (Occupational Safety & Health Administration)	Seep	
Cleanup	Geochemistry	Outfall	Semivolatile	Waste
Closure	Geology		Septic	Water
CM/MA (Corrective Measures Implementation/Remedial Action)	Geophysics		Sewer	Waterboiler
CMS/FS (Corrective Measures Study/Fesibility Study)	Guidance		Shaft	Weapon
Community Relations	Gun		Silver	Wells
Computer Modeling	Hazardous		Soil	Work Plan
<u>Construction</u>	High Explosive		Solid	
<u>Contaminant</u>			Solvent	
Container			Spill	
			Stack	Zinc

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27

OFFICE MEMORANDUM

TO : Allen Valentine, H-1

DATE: December 12, 1973

FROM : C. D. Blackwell, Alt. Leader, General Monitoring Section, H-1

SUBJECT : REMOVAL OF STRUCTURES AT TA-26 (D-SITE VAULT)

SYMBOL : H-1

A thorough search of Group H-1 and Eng-3 files failed to turn up a copy of the clearance by H-1 after the removal of the subject structure. All memos concerning recommendations for removal of the structure are available in the files. Since there is no readily available documentation of structure removal, an attempt will be made to document this removal from available records and from the memory of personnel involved.

The monitoring results from surveys made prior to demolition listed the highest levels of contamination (uranium). The shelving was removed to the contaminated burial grounds. Drain lines and sumps were found contaminated and were also moved to the burial grounds at Area "C", along with duct work from the building. The sanitary septic tank may have been removed or it may still be in the ground and back-filled with dirt as I can't recall the actual removal, and either of the methods were acceptable at the time as there was no reason for it to become contaminated.

The highest counts found on the buildings proper were 5,000 d/m alpha. The floors had been covered with Amor-coat paint and much of this paint was removed in a search for hidden spots of radioactivity. After this period of time, it is impossible to remember exact levels of contamination remaining on the floors after paint removal and damp mopping the area to remove all loose contamination. However, a guess would be that the levels on the concrete before breakup would not have exceeded 1000 d/m. The concrete was broken up with a headache ball and the rubble was pushed over the cliff side to lodge on a shelf half-way down the cliff. When all rubble had been pushed over the side, soil was also pushed over in an adequate amount to cover the rubble to a minimum depth of three feet. It is possible that because of erosion, this depth may have been reduced.

At the time this operation was carried out, it was acceptable to dispose of low-level material in what was considered as inaccessible areas, provided it was sufficiently covered with soil. This operation is very similar to the disposal of broken concrete in Bailey Canyon in old TA-1. After the concrete had been reduced to rubble, it's very doubtful if any alpha count could have been detected using the standard portable survey instruments. The levels are certainly lower than that found on many rock samples (natural appearing activity) found in this mountainous region.

Received by ER-APF

SEP 18 1981

yes

CDB:ed
Xc: File ✓

Charles D. Blackwell
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