

# LOS ALAMOS

LOS ALAMOS NATIONAL LABORATORY

ER Record I.D.# 0005060

ENVIRONMENTAL RESTORATION  
Records Processing Facility  
ER Record Index Form  
(Side 1 of 2)

DATE RECEIVED: 67-14-92 PROCESSOR: D.R.

**Part I:** Complete all fields; indicate if not applicable or appropriate; please write legibly.

DOCUMENT TO: Clarence W. Courtright DOCUMENT DATE: 07-18-66

ORIGINATOR NAME: Carl W. Buckland ORGANIZATION: H-1

SYMBOL: H-1 PAGE COUNT: 2

SUBJECT/TITLE: Monitoring Results from Survey of Concrete Pads and Debris Following Burning of Super Structures

RECORD TYPE (Circle relevant type for primary record; type of attachments should be selected on Keywords List):

Analytical Data  
Chain of Custody  
Computer Output  
Contract  
Controlled Distribution  
Drawing

FAX  
Figure  
Form  
Interview  
Letter  
Logbook

Map  
Memo  
Microform  
Notebook  
Personal Notes  
Photo

Plan  
Procedure  
Purchase Request  
Receipt Acknowledgment  
Report  
Review

Study  
Telephone Record  
Transcription  
Video  
Work Plan  
Other \_\_\_\_\_

RECORD CATEGORY: P  
(P for Programmatic or R for Reference)

RECORD PACKAGE #: \_\_\_\_\_

RECORD FILMED (Y/N): Y

RECORD LOCATION: \_\_\_\_\_  
(Indicate location of record if not filmed.)

**Part II:** Complete all fields; indicate if not applicable or appropriate; please write legibly. Use ER Record Index Form Attachment Sheet if needed.

ATTACHMENTS FILMED (Y/N): \_\_\_\_\_  
(Were attachments to this record filmed?)

LOCATION: \_\_\_\_\_  
(Indicate location of attachments.)

TECH AREA(S)
LIST RELEVANT TECH AREAS
16
24

PHS NO(S)
LIST RELEVANT PHS
—

ADS NO(S)
LIST RELEVANT TODAY'S NO(S)
1082
1082

STRUCTURE NO(S)/MDA
LIST RELEVANT STRUCTURE NO(S)/MDA
16 - 39
16 - 40
16 - 495
16 - 497
16 - 499
16 - 500



**Part III:** Complete all fields; indicate if not applicable or appropriate; please write legibly. Use *ER Record Index Form Attachment Sheet* if needed.

WBS NO(S)	DOCUMENT TO	ORIGINATOR NAMES
<p><small>LIST RELEVANT WBS NO(S)</small></p> <p>1.5.7 1.4.2.6.1.7</p>	<p><small>LIST MULTIPLE RECEIPTS</small></p> <p>_____</p>	<p><small>LIST MULTIPLE ORIGINATORS</small></p> <p>_____</p>

CORRECTION (Y/N): \_\_\_\_\_  
(Is this a correction to a record previously processed?)

CORRECTED #: \_\_\_\_\_  
(If answer is Yes, please give ER Record # for corrected record.)

CORRECTION DESCRIPTION (Optional): \_\_\_\_\_

SUPERCEDE: \_\_\_\_\_ REPLACE: \_\_\_\_\_ DELETE: \_\_\_\_\_ ADD: \_\_\_\_\_ REVISE: \_\_\_\_\_

ATTACHMENT LIST

\_\_\_\_\_

KEYWORDS: Circle relevant KEYWORDS from the list below for ER Record #: 0005060

MISCELLANEOUS (List other indexing criteria as necessary; please write legibly): Tech AREA,

Abandon	Calibration	Deadline	Exposure	Incinerator
Aboveground Tank	Canyon	<u>Debris</u>	Extension	Injection Well
Absorption	Caustic	Decision Analysis	Extraction	Inorganic
Abstract	<u>CEARP (Comprehensive Environmental Assessment and Response Program)</u>	Decommission	Evacuation	Inspection
Accelerator	Cement	Decontamination	.....	Interim
Access	CERCLA	Deficiency	Facility	Interim Action
Accident	(Comprehensive Environmental Response, Compensation, and Liability Act)	Deliverables	Farm	Internal
Accumulation	Certification	Demolition	FAX	Interview
Acid	Cesium	Description	Fence	Inventory
Active	Chain-of-Custody	Detection	Field	Investigation
Administrative	Chamber	Detonation	Figure	IRM (Interim Remedial Measure)
ADS (Activity Data Sheet)	Change Control	Development	Filter	Isotope
Adsorption	Change Order	<u>Discharge</u>	FIMAD (Facility for Information Management, Analysis, and Display)	IWP (Installation Work Plan)
AEC (Atomic Energy Commission)	Chart	<u>Disposal</u>	Finding	.....
Aerial	Checklist	Documentation	Fire	Lab Job
Agreement	Chemical	DOE (Department of Energy)	Firing Site	Lagoon
Air	Chromium	DOQ (Data Quality Objectives)	Fiscal	Land
<u>Alpha</u>	Cleanup	Draft	Five Year Plan	Landfill
Americium	Clothing	Drainage	Flowchart	Laundry
Analysis	Closure	Drainline	Fluid	Leach
Analytical	CMI/RA (Corrective Measures Implementation/Remedial Action)	Drawing	Form	Lead
AOC (Area of Concern)	CMS/FS (Corrective Measures Study/ Feasibility Study)	Drilling	Framework	Leak
Approval	Comment	Drop Tower	Fuel	Legal
Aquifer	Committee	Drum	Gamma	Letter
ARAR (Applicable, Relevant, or Appropriate Requirements)	Community Relations	<u>Dry Well</u>	Gas	Limit
Archeology	Compliance	<u>Dump</u>	Generation	Lines
Archive	Compressed Gas	Duplicates	Generic	Liquid
Area	Computer Modeling	Ecology	Geochemistry	List
Arsonic	Computer Output	Effluent	Geology	Logbook
Asbestos	Concern	EIS (Environmental Impact Statement)	Geophysics	.....
Asphalt	Concrete	Emission	Glass Breaker	Management
Assessment	Concurrence	Engineering	Glove Box	Manhole
Audit	Configuration	Environmental	Graph	Map
.....	Construction	EPA (Environmental Protection Agency)	Guidance	Material
Bacteria	Container	Equipment	Gun	MDA (Material Disposal Area)
Barium	<u>Containment</u>	ERDA (Energy Research and Development Administration)	.....	Meeting
Baselino	<u>Contaminant</u>	Erosion	Hazardous	Memo
Beds	Contract	Error	Health	Mercury
Bermud Area	Controlled Distribution	ES&H (Environment, Safety, and Health)	HE (High Explosive)	Metal
Beryllium	Core	Estimate	History	Microform
Beta	Corrective Action	Evaluation	Hole	Minimization
Biology	Correspondence	Evaporator	Home Owner	Minutes
Blank	Criteria	Excavation	HSWA (Hazardous and Solid Waste Amendments)	MIS (Management Information System)
Boiler	Data	Exclusion	Hydrology	Mixed Waste
Boneyard	.....	Exhaust	.....	MOA (Memo of Agreement)
Burial		Experiment	Implementation	Model
<u>Burn</u>		Explosive	Implosion	Modification
Burn Site			Impoundment	Money (Allocation, Appropriation, Budget, Cost, Funding, etc.)
.....			Inactive	<u>Monitoring</u>
Cadmium				
Caisson				

Monthly Report	Pilot Study	Reduction	Sludge	Toxic
Mortar Impact Area	Pipe	Reference	Soil	Tracking
MOU (Memo of Understanding)	Pit	Regulation	Solid	Training
MSA (Major System Acquisition)	Plan	Release	Solvent	Transcription
-----	Plant	Remediation	SOP (Standard Operating Procedure)	Transfer
NEPA (National Environmental Policy Act)	Plutonium	Removal	SOW (Statement of Scope of Work)	Transformer
Nitrate	Pollution	Report	Specific	Transport
NMED (New Mexico Environmental Division)	Polonium	Request	Spill	Treatment
NMEID (New Mexico Environmental Improvement Division)	Polaroid	Requirements	Stack	Trench
NOD (Notice of Deficiency)	Potential	Research	Standard	Trip Report
Non-explosive	Presentation	Resin Bed	Statistics	Tritium
Notebook	Prevention	Resolution	Steamline	TRU (Transuranic)
Notification	Priority	Resource	Steel	TSCA (Toxic Substances Control Act)
NPDES (National Pollutant Discharge Elimination System)	Procedure	Response	Storage	Tuff
NRC (Nuclear Regulatory Commission)	Programmatic	Restoration	Strontium	-----
-----	Project	Restriction	Structure	Underground
Off-gas	Project Leader	Results	Study	Uranium
Oil	Propellant	Review	Subcontractor	Urine
Open	Property	Revision	Subsurface	USGS (United States Geological Survey)
Open Burning	Proposal	RFI/RI (RCRA Facility Investigation/Remedial Investigation)	Summary	UST (Underground Storage Tanks)
Operation	Protection	Risk	Sump	Utility
Order	Protocol	RPF (Records Processing Facility)	Support	-----
Organic	PRS (Potential Release Site)	-----	Surface	Validation
Organization	Public	Safety	Surveillance	Variance
OSHA (Occupational Safety & Health Administration)	Pump	Salamander	Survey	VE (Value Engineering)
OU (Operable Unit)	Purchase Request	Salvage	Swipe	Ventilation
Outfall	-----	Sample	SWMU (Solid Waste Management Unit)	Verification
Outline	Quality	Sampling Plan	System	Video
-----	QA (Quality Assurance)	Sanitary	-----	Volatile
PA/RFA (Preliminary Assessment /RCRA Facility Assessment)	QP (Quality Procedure)	Satellite	Tank	Volume
PCB (Polychlorinated Biphenyl)	Quarterly Report	Schedule	Task	-----
Permit	-----	Scope	TCLP (Toxicity Characteristic Leaching Procedure)	Warehouse
Personal Notes	Radioactive	Scrap Detonation Site	TDD (Technical Document Description)	Waste
Personnel	Radiochemistry	Screening	Technical	Water
Personnel Qualification	Radionuclide	Scrubber	Technical Team	WBS (Work Breakdown Structure)
Photo	Rationale	Security	Technology	Weapon
-----	RCRA (Resource, Conservation, and Recovery Act)	Seep	Telephone Record	Well
	Reactor	Seminar	Test Area	Work
	Receipt	Semivolatiles	Testing	Working Group
	Acknowledgment	Septic	TLD (Thermoluminescent Dosimeter)	-----
	Recommendation	Sewer	TOC (Table of Contents)	Zinc
	Reconnaissance	Shaft	Townsite	
	Records	Shell		
	Recovery	Silver		
	Recycle	Site		

OFFICE MEMORANDUM

TO : Clarence W. Courtright, H-3 Safety Engineer DATE: July 18, 1966  
THRU: Leo G. Chelius, H-1 Alternate Group Leader  
FROM : Carl W. Buckland, General Monitoring Section Leader  
SUBJECT: MONITORING RESULTS FROM SURVEY OF CONCRETE PADS AND  
DEBRIS FOLLOWING BURNING OF SUPERSTRUCTURES  
SYMBOL: H-1

On July 8 and 13, 1966, H-1 Monitored the debris remaining from the following structures:

TA-16-39  
TA-16-40  
TA-16-495  
TA-16-497  
TA-16-499  
TA-16-500

No radioactive contamination was detected on any of the debris. From previous records of the structures, number 39, 40, 495 and 499 had some shelving that read from 500 c/m to 6000 c/m alpha. Since no count can be detected at this time, it is my opinion that the fire and resulting debris has so diluted the contamination that it cannot be seen at this time. It is my opinion that the residue can be scattered or hauled to the city dump ground. The count may actually have dispersed with the smoke from the fire.

The concrete from 497 and 500 should be removed and placed in the contaminated dump. Number 497 was cleaned as much as it could be decontaminated in 1954. Sr<sup>90</sup> contamination in excess of the 2.0 mr/hr remaining in 1954 is believed to be located in inaccessible cracks of the concrete.

Old records indicate that in 1957 it was recommended that number 500 (floor) be placed in the contaminated dump. As well as I can remember, the floor contained a well for receiving a <sup>226</sup>Ra source (Sr<sup>90</sup> impurity) for radiography by GMX-1 (old T-Site). For reasons of possible contamination in the well, it was recommended that the floor be sent

Received by ER-RPF

JUL 14 1966

HWS

7/20/66  
Clarence W. Courtright

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to the contaminated dump. (I hope this assumption is correct. Nine years is a long time ago to recall the events that took place).

*Carl W. Buckland*

Carl W. Buckland,  
H-1 General Monitoring  
Section Leader

CWB/rc

cc: Engineering III  
File ~~EX~~