This form is subject to change, please contact RPF for latest version. ENTERED

Los Alamos Environmental Restoration Records Processing Facility

ER Record I.D.# 29398

LOS ALAMOS

LOS ALAMOS NATIONAL LABORATORY

ENVIRONMENTAL RESTORATION
Records Processing Facility
ER Record Index Form

DATE RECEIVED: 11/24/93 PROCESSOR: YCG

PAGE COUNT: 6

Quick Index: Complete all fields; indicate if not applicable or appropriate; please write legibly.

DOCUMENT TO: Those listed below ORGANIZATION: —

ORIGINATOR NAME: E.E. Wingfield ORGANIZATION: AEC

SYMBOL: LT:EEW DOCUMENT DATE: 05/27/60

SUBJECT/TITLE: Demolition of Buildings by Burning

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

Analytical Data	Excerpt	Map	Procedure	Summary
Article	FAX	Memo	Purchase Request	Table
Chain-of-Custody	Figure	Microform	Receipt Acknowledgment	Telephone Record
Chart	Form	Notebook	Report	TOC
Computer Output	Interview	Outline	Review	Transcription
Contract	Letter	Personal Notes	Sow	Video
Controlled Distribution	List	Photo	Study	Work Plan
Drawing	Logbook	Plan		Other

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

RECORD PACKAGE: —

FILE FOLDER: —

RECORD FILMED (Y/N): Y

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

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): Y
(Were attachments to this record filmed?)

LOCATION: —
(Indicate location of attachments if not filmed.)

32149

ATTACHMENT LIST

A) List TO: — FROM: — SYMBOL: —

SUBJECT: Appendix "B" Abandoned Laboratory Structures not Burned

DATED: —

B) TO: FROM: SYMBOL:

SUBJECT:

DATED:

C) TO: FROM: SYMBOL:

SUBJECT:

DATED:

D) TO: FROM: SYMBOL:

SUBJECT:

DATED:

E) TO: FROM: SYMBOL:

SUBJECT:

DATED:

F) TO: FROM: SYMBOL:

SUBJECT:

DATED:

G) TO: FROM: SYMBOL:

SUBJECT:

DATED:

ENVIRONMENTAL RESTORATION
Records Processing Facility
ER Record Index Form

ER Records Detail Index Form for ER Record I.D. # 29398

DETAIL INDEX: Complete all fields; indicate if not applicable or appropriate; please write legibly.

TECH AREA(S)	ADS NO(S)	STRUCTURE NO(S)/MDA	SWMU/PRS NO(S)
USE RELEVANT TECH AREA(S)	USE RELEVANT ADS NO(S)	USE RELEVANT STRUCTURE NO(S)	USE RELEVANT SWMU NO(S)/PRS.
6, 21, 9, 29, 16, 18, 11, 20, 5, 14, 27	—	6-10, 6-25, 6-13, 6-26, 6-14, 6-27, 6-15, 6-28, 22-26, 6-29, 6-16, 6-30, 6-17, 6-38, 6-21, 6-49, 6-22, 9-2, 6-23, 9-3, 6-24, 9-6, 9-7	

DOCUMENT TO	ORIGINATOR NAMES
USE RELEVANT RECIPIENTS	USE MULTIPLE ORIGINATORS.
—	—

CORRECTION (Y/N) — CORRECTION #: —

CORRECTION DESCRIPTION: —

ER Records Index Form Attachment Sheet for ER Record I.D. #: 29398

Part II Attachment: Complete all fields; indicate if not applicable or appropriate. Please write legibly.

TECH AREA(S)	ADS NO(S)	STRUCTURE NO(S)/MDA	SWMU/PRS NO(S)
LIST RELEVANT TECH AREA(S) HERE.	*LIST RELEVANT ADS NO(S) HERE.*	*LIST RELEVANT STRUCTURE NO(S) HERE.*	*LIST RELEVANT SWMU NO(S) HERE.*
—	—	9-11 9-12 9-13 9-14 9-16 9-17 9-56 9-18 9-8 9-9 9-10 9-57 9-58 9-5 16-490 16-491 16-492 16-493 16-494 16-495 16-69 16-70 16-71 16-72 16-81 16-83 16-84 16-86 16-100 16-166 16-113 18-11 18-12 16-33 16-32 16-31 16-39 11-9 11-10 11-8 11-7 20-12 20-14 5-2 5-3 5-4 5-5 5-6 5-10 16-131 16-94 16-95 16-96 16-97 16-98 16-126 16-127 16-128 16-129 16-30 16-40 16-74 16-18 5-1 5-7 5-9 5-12 5-13 5-15	—

ER Records Index Form Attachment Sheet for ER Record I.D. #: 29398

Part II Attachment: Complete all fields; indicate if not applicable or appropriate. Please write legibly.

TECH AREA(S)	ADS NO(S)	STRUCTURE NO(S)/MDA	SWMU/PRS NO(S)
LIST RELEVANT TECH AREA(S) HERE.	*LIST RELEVANT ADS NO(S) HERE*	*LIST RELEVANT STRUCTURE NO(S) HERE.*	*LIST RELEVANT SWMU NO(S) HERE.*
—	—	5-19 9-1 9-4 9-15 9-60 9-61 9-62 9-88 14-14 14-15 16-25 16-34 16-35 16-87 16-102 16-103 16-120 16-125 16-158 16-159 16-507 16-510 27-1 27-2 1-90 15-19 21-36 21-37 21-41 29-1 29-2	—

KEYWORDS: Circle relevant KEYWORDS from the list below for ER Record #: 29398

MISCELLANEOUS (List other indexing criteria as necessary; please write legibly):
DRL 1100

Abandon
Aboveground Tank
Absorption
Abstract
Accelerator
Access
Accident
Acid
Active
Activities
Administrative
ADS (Activity Data Sheet)
Adsorption
AEC (Atomic Energy Commission)
Aerial
Agenda
Agreement
AIP (Agreement in Principle)
Air
Alpha
Americium
Analysis
Analytical
AOC (Area of Concern)
Approval
Aquifer
ARAR (Applicable, Relevant, or Appropriate Requirements)
Archaeology
Archive
Area
Arsenic
Asbestos
Asphalt
Assessment
Audit
.....
Backfill
Background
Bacteria
Barium
Baseline
BCP (Baseline Change Proposal)
Beds
Bermed Area
Beryllium
Beta
Biology
Blivit
Boiler
Boneyard
Bunker
Buried
Burn
.....
Cadmium
Caisson
Calibration
CAMU (Corrective Action Management Unit)
Canyon
Capacitor
Caustic
CEARP (Comprehensive Environmental Assessment and Response Program)
Cement
CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act)
Certification
Cesium
Chain of Custody
Chamber
Change Control
Change Order
Charge
Chart
Checklist
Chemical
Chromium
Cleanup
Clearance
Closure
Clothing
CMI/RA (Corrective Measures Implementation/Remedial Action)
CMS/FS (Corrective Measures Study/ Feasibility Study)
Cobalt
Comment
Committee
Community Relations
Company
Compliance
Compressed Gas
Computer Modeling
Computer Output
Concern
Concrete
Concurrence
Configuration
Construction
Container
Containment
Contaminant
Contract
Control
Controlled Distribution
Copper
Core
Corrective Action
Correspondence
Criteria
Cyanide
Cyanogen
.....
Data
Deadline
Debris
Decision Analysis
Decommission
Decontamination
Deficiency
Deliverable
Demolition
Description
Detection
Detonation
Development
Diesel
Discharge
Disposal
Documentation
DOE (Department of Energy)
Dose
DQO (Data Quality Objectives)
Draft
Drainage
Drainline
Drawing
Drilling
Drop Tower
Drum
Dry Well
Dump
.....
Ecology
Effluent
EIS (Environmental Impact Statement)
Electrical
Emission
Engineering
Environmental
EOD (Explosive Ordnance Disposal)
EPA (Environmental Protection Agency)
Equipment
ERDA (Energy Research and Development Administration)
Erosion
ERPO (Environmental Restoration Program Office)
ES&H (Environment, Safety, and Health)
Estimate
Evacuation
Evaluation
Evaporator
Evidence
Excavation
Exclusion
Exhaust
Experiment
Explosive
Exposure
Extension
Extraction
.....
Facility
Fallout
Farm
FAX
Fence
Field
Figure
Filter
FIMAD (Facility for Information Management, Analysis, and Display)
Finding
Fire
Firing Site
Fiscal
Fission
Five-Year Plan
Flow
Flow chart
Fluid
Form
Framework
Fuel
Fume
.....
Gamma
Gas
Generation
Generic
Geochemistry
Geology
Geophysics
Glass Beaker
Glove Box
Graph
Guidance
Gun
.....
Handling
Hazardous
Headquarters
Health
HE (High Explosive)
History
HMTA (Hazardous Material Transportation Act)
Hole
Home Owner
Hood
HSWA (Hazardous and Solid Waste Amendments)
Hydrology
Hygiene
.....
Impact
Implementation
Implosion
Impoundment
Inactive
Incident
Incinerator
Industrial
Infiltration
Injection Well
Injury
Inorganic
Inspection
Installation
Interim
Interim Action
Internal
Interview
Inventory
Investigation
IRM (Interim Remedial Measure)
Isotope
IWP (Installation Work Plan)
.....

Lab Job
Laboratory
Lagoon
Land
Landfill
Laundry
Leach
Lead
Leak
Legal
Letter
Limit
Lines
Liquid
List
Location
Log
Logbook

Magazine
Management
Manhole
Map
Material
MDA (Material Disposal Area)
Media
Meeting
Memo
Mercury
Metal
Microform
Minimization
Minutes
MIS (Management Information System)
Mixed Waste
MOA (Memo of Agreement)
Model
Modification
Money (Allocation, Appropriation, Budget, Cost, Funding, etc.)
Monitoring
Monthly Report
Mortar Impact Area
MOU (Memo of Understanding)
MSA (Major System Acquisition)

NEPA (National Environmental Policy Act)
NFA (No Further Action)
Nickel
Nitrate
NMED (New Mexico Environment Department)
NMEID (New Mexico Environmental Improvement Division)
NOD (Notice of Deficiency)
Nonexplosive
Nonradioactive
Notebook
Notification
NPDES (National Pollutant Discharge Elimination System)
NRC (Nuclear Regulatory Commission)
Nuclear

Observation
Off-gas
Oil
Open
Open Burning
Operation
Order
Organic
Organization
OSHA (Occupational Safety & Health Administration)
OSR (Operational Safety Requirements)
OU (Operable Unit)
Outfall
Outline

Pad
PA/RFA (Preliminary Assessment /RCRA Facility Assessment)
PCB (Polychlorinated Biphenyl)
Permit
Personal Notes
Personnel
Personnel Qualification
Photo
Pilot Study
Pipe
Pit
Plan
Plant
Plutonium
Point-of-Contact
Pollution
Polonium
Polaroid
Potential
Prevention
Priority
Procedure
Program
Programmatic
Project
Project Leader
Propellant
Property
Proposal
Protection
Protocol
PRS (Potential Release Site)
Public
Pump
Purchase Request

QA (Quality Assurance)
QP (Quality Procedure)
Quality
Quarterly Report

Radioactive
Radiochemistry
Radionuclide
Radium
Rationale
RCRA (Resource, Conservation, and Recovery Act)
Reactor
Receipt Acknowledgment
Recommendation
Reconnaissance
Records
Recovery
Recycle
Reduction
Reference
Regulation
Release
Remediation
Removal
Report
Request
Requirements
Research
Resin Bed
Resolution
Resource
Respirator
Response
Restoration
Restriction
Results
Review
Revision
RFI/RI (RCRA Facility Investigation/Remedial Investigation)
Risk
RPF (Records-Processing Facility)

Safety
Salamander
Salvage
Sample
Sampling Plan
Sanitary
Satellite
Schedule
Scope
Scrap
Scrap Detonation Site
Screening
Scrubber
Search
Security
Seep
Semivolatile
Septic
Sewer
Shaft
Sheet
Shell
Shot
Silver
Site
Sludge
Soil
Solid
Solvent
SOP (Standard Operating Procedure)
SOW (Statement of Scope of Work)
Specific
Spill
Stack
Standard
Statistics
Status
Steamline
Steel
Storage
Strontium
Structure
Study
Subcontractor
Subsurface
Summary
Sump
Support
Surface
Surveillance
Survey
Swipe
SWMU (Solid Waste Management Unit)
System

Table
Tank
Task
TCLP (Toxicity Characteristic Leaching Procedure)
TDD (Technical Document Description)
Technical
Technical Team
Technology
Telephone Record
Test Area
Testing
TLD (Thermoluminescent Dosimeter)
TOC (Table of Contents)
Townsite
Toxic
Tracking
Training
Transcription
Transfer
Transformer
Transmittal
Transport
Treatment
Trench
Trip Report
Tritium
TRU (Transuranic)
TSCA (Toxic Substances Control Act)
Tuballoy
Tuff

Underground
Update
Uranium
Urine
USGS (United States Geological Survey)
UST (Underground Storage Tank)
Utility

Validation
Variance
VE (Value Engineering)
Ventilation
Verification
Volatile
Volume

Warehouse
Waste
Water
WBS (Work Breakdown Structure)
Weapon
Well
Work
Working Group

Zinc

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : Those Listed Below

DATE: May 27, 1960

FROM : E. E. Wingfield, Coordinator, AEC E. E. Wingfield

SUBJECT: DEMOLITION OF BUILDINGS BY BURNING

SYMBOL: LT:EEW

On January 14, 1960 a program was initiated for the demolition of certain abandoned laboratory structures by burning. A plan for the demolition program was prepared January 15, 1960 and burning operations were started January 16, 1960. A written procedure was approved for each burning operation. The structures which were scheduled to be burned had served their usefulness and were for the most part contaminated with high explosive, radioactive materials or other contaminants which precluded the sale or re-use of the structures or materials in the structures for any purpose. The burning schedule continued until March 13, 1960, when unpredictable high winds and the absence of snow cover made it necessary to suspend the burning program.

A list of the buildings which were burned or flashed is enclosed as Appendix "A".

(continued)

Addressees:
Los Alamos Scientific Lab. (20)
AEC Supply
AEC Security (2)
AEC Fire Dept.
Area Mgr., LAAO
Elza Paul, Zia
Cecil Badsgard, Zia
Richard Crook, Zia
Leon Ross, Zia
James R. Maddy
E. E. Wingfield (5)

Received by ER-RPF
NOV 24 1993
YCG

LANL Records Mgmt. Ctr. E Bay Row 6 Box 137 TR 938 Folder 43

A few structures on the schedule remain and should be burned when weather conditions permit the burning to be accomplished safely. Prior to the resumption of the burning operations it is recommended that a committee be appointed to resurvey all areas to ascertain the completeness of burning or flashing and to locate and designate contaminated manholes and structures which were not burned or flashed and schedule those for burning when conditions permit. It is further recommended that this committee give consideration to methods of disposal of non-burnable material which has been flashed.

Attached is a list of structures which were not burned or flashed as Appendix "B".

During the burning operation several low order detonations occurred which confirmed our suspicion that it would have been hazardous to personnel attempting to demolish these structures by any means other than by fire. While none of these detonations could be considered to exert more force than a two-inch firecracker, in my opinion, many could have resulted in injuries to personnel had they been in the immediate vicinity of the detonation. Several of the structures which were burned contained radioactive contamination and on some of these structures Group H-1 took air samples during the burning operation and the results showed that no radioactive contamination was air-borne.

I believe that the demolition of these buildings by burning under controlled conditions constituted a considerable contribution to the over-all fire protection program since their existence always presented a serious fire potential and a fire under adverse conditions could have resulted in destruction of valuable property and equipment and a high monetary loss since in some cases it would have been difficult to protect this exposed property without undue risk to Fire Department personnel and equipment because of the possibility of HE detonations.

2 Attachments:
1. Appendix "A"
2. Appendix "B"

Appendix "A"

DEMOLITION OF ABANDONED LABORATORY BUILDINGS BY BURNING

January 16, 1960

TA-6-10

TA-6-13

TA-6-14

TA-6-15

January 23, 1960

TA-22-26

TA-6-16

TA-6-17

TA-6-21

TA-6-22

TA-6-23

TA-6-24

TA-6-25

TA-6-26

TA-6-27

TA-6-28

TA-6-29

TA-6-30

TA-6-38

TA-6-49

January 30, 1960

TA-9-2

TA-9-3

TA-9-6

January 30, 1960

TA-9-7

TA-9-11

TA-9-12

TA-9-13

TA-9-14

TA-9-16

TA-9-17

TA-9-56

January 31, 1960

TA-9-18

TA-9-8

TA-9-9

TA-9-10

February 3, 1960

TA-9-57

TA-9-58

TA-9-5

February 5, 1960

TA-16-490

TA-16-491

TA-16-492

TA-16-493

TA-16-494

TA-16-495

(continued)

February 19, 1960 (continued)

TA-16-69

TA-16-70

TA-16-71

TA-16-72

TA-16-81

TA-16-83

TA-16-84

TA-16-86

TA-16-100

TA-16-166

TA-16-113

February 21, 1960

TA-18-11

TA-18-12

February 27, 1960

TA-16-33

TA-16-32

TA-16-31

TA-16-39

TA-11-9

TA-11-10

TA-11-8

TA-11-7

February 28, 1960

TA-20-12

TA-20-14

March 5, 1960

TA-5-2

TA-5-3

TA-5-4

TA-5-5

TA-5-6

TA-5-10

March 12, 1960

TA-16-131

TA-16-94

TA-16-95

TA-16-96

TA-16-97

TA-16-98

TA-16-126

TA-16-127

TA-16-128

TA-16-129

TA-16-30

TA-16-40

TA-16-74

TA-16-18

(continued)

APPENDIX "B"

ABANDONED LABORATORY STRUCTURES NOT BURNED

TA-5-1 Lab building exposes 2 plywood structures.

TA-5-7 Steel barricade -- free of contamination.

TA-5-9 Reinforced concrete chamber -- free of contamination.

TA-5-12 Underground concrete pump house -- free of contamination.

TA-5-13 Septic tank.

TA-5-15 Experimental concrete wall -- free of contamination.

TA-5-19 Platform on utility poles.

TA-9-1 Laboratory and firing chamber -- exposes telephone cable.

TA-9-4 Reinforced concrete firing chamber -- HE contaminated.

TA-9-13 Recovery pit -- steel on timber -- HE contaminated.

TA-9-60 Roadblock.

TA-9-61 Roadblock

TA-9-62 Basket washing facility -- HE contaminated.

TA-9-88 Manhole.

15 Electrical manholes listed for TA-9 -- free of contamination.

TA-14-14 Concrete and steel chamber -- HE contaminated -- exposes 14-5.

TA-14-15 Concrete and steel chamber -- HE contaminated -- exposes 14-5.

TA-16-25 Process building -- exposes building to remain.

TA-16-34 Magazine -- HE contaminated -- walls caved in -- earth and ice on floor.

(continued)

TA-16-35 Equipment room -- clean -- exposes steam lines.

TA-16-87 Trailer -- exposes building scheduled to remain.

TA-16-102 Passageway between buildings 25 & 26 to remain.

TA-16-103 Passageway between buildings 26 and 27 to remain.

TA-16-120 Barricade -- exposes passageway 103.

TA-16-125 Barricade -- exposes passageway 103.

TA-16-158 Barricade-- steel -- earth filled -- clean.

TA-16-159 Barricade -- steel -- earth filled -- clean.

TA-16-507 Sump pit -- concrete -- HE contaminated.

TA-16-510 Switch box -- exposes electrical utility pole.

TA-27-1 Control building -- mostly concrete and earth covered -- exposes telephone cable.

TA-27-2 Control building -- mostly concrete and earth covered -- exposes telephone cable.

TA-1-90 Guard tower -- exposes Sigma vault.

TA-15-19 Guard tower -- exposes R-20.

TA-21-36 Guard tower -- withdrawn -- sold by Zia.

TA-21-37 Guard tower -- withdrawn -- sold by Zia.

TA-21-41 Guard tower -- withdrawn -- sold by Zia.

TA-29-1 Magazine -- HE contaminated.

TA-29-2 Magazine -- HE contaminated.