Los Alamos Environmental Restoration Records Processing Facility

ER Record I.D.# 36231

DATE RECEIVED: 06-30-93 PROCESSOR: MW

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

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

DOCUMENT TO: —

DOCUMENT DATE: 11-25-85

ORIGINATOR NAME: Marcia Bunker

ORGANIZATION: INC-S

SYMBOL: —

PAGE COUNT: 4

SUBJECT/TITLE: TA-2

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

Analytical Data	Excerpt	Map	Plan	Study
Article	FAX	Memo	Procedure	Summary
Chain-of-Custody	Figure	Microform	Purchase Request	Telephone Record
Chart	Form	Notebook	Receipt Acknowledgment	TOC
Computer Output	Interview	Outline	Report	Transcription
Contract	Letter	Personal Notes	Review	Video
Controlled Distribution	List	Photo	Sow	Work Plan
Drawing	Logbook			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)	PRS NO(S)	ADS NO(S)	STRUCTURE NO(S)/MDA
LIST RELEVANT TECH AREA(S).	*LIST RELEVANT PRS(S).*	*LIST RELEVANT TDO/ADS NO(S).*	*LIST RELEVANT STRUCTURE NO(S)/MDA.*
2	—	1098	—

14002

(4)

Merle Barker INC-5 Nov 2.5 1985 TA-2

Omega West Reactor 8 MW - forced cooling -

plate type fuel - research reactor - cooling water →

heat exchange → evap cooling -

blowdown - into creek -

don't know what added Cr-7

will find out (please call back next week)

no longer have darkroom

shop - ?

spent vacuum oil → H-7

maybe ~~radioactive~~ radioactive contaminated

Received by ER-RPF
JUN 30 1993

exhaust - 150' stack mesa south from activity

argon, small quantity fission gas

all inside thermal column 5' cube stack graphite

surge tank tied to exhaust if evidence of activity

waste pumped up canyon (will find out where)

used to be septic tank - previous connection to bldg.

underground piping from water boiler removed recently

only material remaining is water boiler shielding.

residual activity water boiler shielding

exterior 5R on contact β-γ - interior more

Ed Gurney knows Hg - report dismantling Clementine

no parts of Clementine are at TA-2

077 3623 1 2

spent reactor fuel - every 2 yrs ship 10 spent fuel elements
Idaho Falls - dissolve elements - remove U - held as sludge
67% enriched U (1/3 burn up)

experimental quantities, radionuclides - activated materials - 2.5 groups in your time
controls rods, exp apparatus DOE 5480.3
transport hazardous material - in trouble
few million dollars to meet DOT regulations.

Bot
on call back ost
about receiving +
fuel storage +
spent fuel storage —

0757362314

Merle Bunter Nov 25

cattage basin no knowledge

underground chamber no two water backer chambers
removed pipe trench also

manhole water
acid - now connected to acid power line

acid pit
3 acid tanks } - waste tanks - water pump bldg → 4 dir tank
effluent hold tank } now waste water lines
alternative of mixing tanks

white tank - pump pump - for stream
now removed - now go to stream

6 2 removed (underground tank)

fuel tank emergency generator - future diesel

22 cooling towers Cals - acid Eng - same L.A. M.B.
no oil stops

clean up reactor water resins - spent resins to HSA-7
emergency to rack reactor tank - 2 spent fuel rods
TA-4-1 - 1 kg fuel (4 fuel elements)
excess storage fuel walk in vault.

Hg - Ed Gurney doesn't know gave it to Health Dir
probably to Dump 1955

Neville Brenker Dec 2

never had bakeout

ion exchange - drums - buried (Co - Cr - Fe) stainless steel Na-24 from Al

fuel tank: gasoline - new empty

diesel kerosene above ground

holding tank: acid unused - not using