

# CALIFORNIA POLYTECHNIC STATE UNIVERSITY

SAN LUIS OBISPO, CALIFORNIA 93407  
(805) 546-0111



30 January 85

Mr. Peter B. Erickson, Project Manager  
Operating Reactors Branch #5  
Division of Licensing  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Mr. Erickson:

Pursuant to your letter dated October 6, 1981, Docket No. 50-394, authorizing California Polytechnic State University to dismantle the AGN-201 Training Reactor in accordance with our dismantling plan dated September 8, 1981, and all related correspondence, we request the termination of license number R-121, decommission of the Reactor, and release of the facility for uncontrolled use.

The AGN-201 Reactor has been dismantled. All reactor fuel and components containing residual radioactive material have been removed from the facility. The fuel was shipped to the Department of Energy, Oakridge Y-12 Plant, Oakridge Operations, Oakridge, TN. The components containing residual radioactive materials and the RaBe Neutron Sources have been shipped to U.S. Ecology, Richland, Washington, Low-Level Radioactive Waste Disposal Facility. (See attached certification and Radioactive Waste Shipment and Disposal Form.)

The final radiation surveys have been performed (for details consult the Final Decommissioning Report for the AGN-201 Reactor submitted on January 24-25, 1985). It is concluded, after reviewing the data, that there is no adverse impact to the health and safety of the general public, employees, or students at the University.

As specified in the dismantling plan, radiation levels have been reduced to background levels establishing radiation levels as low as reasonably achievable.

Thank you for the continuation of good radiation safety.

Sincerely,

A handwritten signature in cursive script that reads "Thomas A. Schell".

Thomas A. Schell  
Radiation Safety Officer, Public Safety

TAS:da

cc: John A. Zwolinski  
E.M. Garcia

8502060105 850130  
PDR ADOCK 05000394  
P PDR

A020  
11

Attachments

THE CALIFORNIA STATE UNIVERSITY

US Ecology, Inc.  
P. O. Box 638  
Richland, Washington 99352  
509 377-2411

84 - 18

SOUTHWEST NUCLEAR COMPANY  
7066 A COMMERCE CIRCLE  
PLEASANTON, CA 94566  
ATTN: THOMAS J. DIAS

## USEcology

This is to certify that the waste described below was received for disposal at the US Ecology Richland, Washington Low-Level Radioactive Waste Disposal Facility. This certification satisfies Conditions 31(a) and 31(b) (Acknowledgement of Receipt of Waste) of the State of Washington Radioactive Materials license WN-I019-2 issued to US Ecology.

BATES NUMBER

10,980

GENERATOR NUMBER

CAR-99-001-9224

MANIFEST NUMBER

49730

SHIPMENT NUMBER

84-18

DATE RECEIVED

6/26/84

SIGNATURE

*Erin Clameth*

DATE 6/26/84

Discrepancies (if any) between wastes listed on the manifest and waste materials received in the shipment:

*See U.O.R, AND RSR CORRECTION Forms Attached.*

NOTE: Any inquiries to this acknowledgement should be directed to Mike Nolan, Facility Radiation Safety Officer.

RECEIVED  
JUL 6 1984

C, A, R | 9, 9 - 0, 0, 1 - 9, 2, 2, 6

BROKER'S US ECOLOGY NUMBER

BROKER NAME: SOUTHWEST NUCLEAR COMPANY  
 ADDRESS: 7066-A Commerce Circle

CITY: Pleasanton STATE: CA ZIP: 94566  
 CONTACT: Thomas J. Dias PHONE: (415) 462-3750  
 USER PERMIT #: 6660 SHIPMENT #: 84-18

BILL DISPOSAL CHARGES TO: SOUTHWEST NUCLEAR COMPANY  
 NAME: \_\_\_\_\_  
 ADDRESS: 7066-A Commerce Circle  
 CITY: Pleasanton ST. CA PURCHASE ORDER #: \_\_\_\_\_

**CONSOLIDATED SHIPMENT MANIFEST**

FOR WASTE COLLECTORS  
 HANDLING ONLY PREPACKAGED WASTE

**US ECOLOGY, INC.**

EXECUTIVE OFFICE: (502) 426-7160  
 P.O. BOX 7246 • LOUISVILLE, KENTUCKY 40207

BATES #

FORM 8042 - 1/84

PAGE 1 OF 1

Include this page plus the total number of pages in all attached generator manifests.

CONSIGNEE TO:

P.O. BOX 638  
 Hanford Reservation  
 Hanford, WA 99352  
 509-377-2411

P.O. BOX 570  
 HWY 85, 12 mi So. of  
 Beatty, NV 89003  
 702-553-2263

CARRIER NAME: WESTERN STATE TRUCK LINE SCHEDULE DATE: 6/21/84  
 CARRIER EPA# (if any): \_\_\_\_\_  
 ADDRESS: 3841 N. Columbia Blvd.  
 CITY: Portland STATE: OR ZIP: 97217  
 DRIVER NAME: Leonard J. Hilman PHONE: 800-547-9680

**RADIOACTIVE WASTE GENERATOR MANIFESTS ASSOCIATED WITH THIS SHIPMENT:**

GENERATOR NAME	MANIFEST NO.	GENERATOR NUMBER	GENERATOR NAME	MANIFEST NO.	GENERATOR NUMBER
University of California, Davis	20554	C, A, D 0, 4 - 7, 1, 2 - 0, 0, 8, 4			
Univeristy of CA, San Francisco	49261	C, A, B 9, 9 - 0, 0, 0 - 0, 5, 9, 9			
San Francisco General Hospital	49267	C, A, B 9, 9 - 0, 0, 1 - 0, 8, 1, 1			
Office of Emergency Services	49237	C, A, B 9, 9 - 0, 0, 1 - 0, 4, 6, 5			
University of Pacific	49238	C, A, B 9, 9 - 0, 0, 0 - 0, 0, 7, 0			
Syntex, Inc.	49234	C, A, D 10, 0 - 9, 2, 3 - 0, 4, 1, 1			
Codon	49268	C, A, B 9, 9 - 0, 0, 0 - 0, 2, 1, 3			
SouthWest Nuclear Company	49705	C, A, D 9, 9 - 0, 0, 1 - 0, 2, 2, 6			
CA Polytechnic State University	48960	C, A, D 0, 9 - 4, 4, 5 - 5, 1, 0, 2			

- 1) A complete copy of each of the generator manifests listed above must be attached to this manifest.  
 2) A copy of the manifest must be mailed to the assigned US Ecology site and a separate copy must accompany the waste.

**WASTE COLLECTOR CERTIFICATION**

THE UNDERSIGNED CERTIFIES THAT THE WASTE DESCRIBED HEREIN HAS NOT BEEN PROCESSED, REPACKAGED OR TREATED IN ANY MANNER WHICH WOULD INVALIDATE THE INDIVIDUAL GENERATOR'S CERTIFICATION:

Thomas J. Dias 6-21-84

**CHECK BELOW FOR PROPER DISTRIBUTION OF THIS COPY:**

- 1) ORIGINAL 17% COPY (To accompany shipment)  
 2) ORIGINAL 57% COPY (To be mailed to site)  
 3) CARBON COPY  
 4) SHOWN COPY

**FOR US ECOLOGY USE ONLY**

THIS IS TO ACKNOWLEDGE THAT, EXCEPT AS NOTED BELOW, ALL PACKAGES DESCRIBED ON THE ATTACHED MANIFESTS WERE RECEIVED AT THE CONSIGNEE US ECOLOGY DISPOSAL SITE ON THE DATE INDICATED BELOW:

- NO EXCEPTIONS  
 EXCEPTIONS ARE AS FOLLOWS:

Received  
- copy  
6/7/83

GENERATOR NUMBER C.A.R. 9.9 - 0.0.1 - 8.74.9  
 (11) GENERATOR NAME Calif. State Polytechnic University  
 ADDRESS Acro & Mech Engrg Dept  
San Luis Obispo STATE CA 93407  
 CONTACT R.W. Adkinson, Prof. M.E.  
 PHONE 805/546-1115 or 2407  
 USER PERMIT NO 2514 SHIPMENT NO 5-24-32

**RADIOACTIVE WASTE SHIPMENT & DISPOSAL FORM**  
**US ECOLOGY, INC.**  
 EXECUTIVE OFFICE: (502) 426-7160  
 P.O. BOX 7246 • LOUISVILLE, KENTUCKY 40207  
 Illinois Office: (815) 454-2376

Consigned To:  
 P.O. Box 638 Richland, WA 99352 (509) 377-2411  
 P.O. Box 578 Beatty, NV 89003 (702) 553-2203

USE THIS NO. ON ALL CONTINUATION PAGES **No. 17314** PAGE 1 OF 1

(12) AGENT/BROKER Thomas Gray and Assoc. I  
 ADDRESS 1205 W. Bartley Ave.  
 CITY Orange STATE Ca.  
 CONTACT Jeffrey Mellon  
 PHONE 714 997-5090 USER PERMIT NO 6920

(14) CARRIER \_\_\_\_\_ SHIPPING DATE \_\_\_\_\_  
 TYPE OF CASE \_\_\_\_\_ RADIATION READING \_\_\_\_\_

(13) Item No.	(14) Container Type	(15) Container Volume (Cu Ft.)	(16) Container Weight (Pounds)	(17) Physical Form	(18) Waste Description	(19) Solidification or Absorbent Media	(20) Chemical Form	(21) Radionuclide	(22) Activity <input type="checkbox"/> Ci <input checked="" type="checkbox"/> mCi	(23) Special Nuclear Material (Grams)	(24) Radiation Levels mR/hr		(25) Transp. Cont. Group	(26) Fissile Class	(27) Label
											(24a) Container Surface	(24b) 3 Ft. (T)			
1	30 gal 17 H drum	4.01		Dry SOLID	Sealed Source	None	Radium + Bc encapsulated in steel shielded with Ply cement & wax	Ra/Bc Ra/Bc	10.0 5.0	0 0	7.5 1.0	I I	- -	Radioactive Material Special Form Yellow II	
(27) TOTALS											15.0	0	0		

TOTAL QUANTITY	PROPER SHIPPING NAME & HAZARD CLASS (PER 49 CFR 172.101)	IDENTIFICATION NUMBER	TOTAL WEIGHT IN POUNDS
	Radioactive Device, N.O.S. - Radioactive Material	UN2911	
	Radioactive Material, Fissile, N.O.S. - Radioactive Material	UN2918	
	Radioactive Material, Low Specific Activity, N.O.S. - Radioactive Material	UN2912	
	Radioactive Material, N.O.S. - Radioactive Material	NA9191	
	Radioactive Material, Limited Quantity, N.O.S. - Radioactive Material	UN2910	
1	Radioactive Material, Special Form, N.O.S. - Radioactive Material		

Total # of Pkgs. This Shipment	Total Activity This Shipment	Total Volume This Shipment
1	15.0 Ci mCi	4.01 cu ft

(28) THIS IS TO CERTIFY THAT THE ABOVE NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED AND LABELED AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION AND IN COMPLIANCE WITH ALL REGULATIONS APPLICABLE AT THE DESIGNATED DISPOSAL SITE.  
 X 4/16/83 R.W. Adkinson