

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,

Thomas A. Schell
Radiation Safety Officer, Public Safety

TAS:da

cc: John A. Zwolinski
E.M. Garcia

Attachments

THE CALIFORNIA STATE UNIVERSITY

8502060105 XA
50-394 W

ADD. ORIG. TO REG FILE
NTES 1 CY

H003
1/2

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-99-001-9226
MANIFEST NUMBER 49730
SHIPMENT NUMBER 84-18
DATE RECEIVED 6/26/84
SIGNATURE Ernest Clement 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: 7066-A Commerce Circle
ADDRESS: Pleasanton CITY: 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 802 - 3/84

PAGE 1 OF 1

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

CONSIGNEE TO:
☒ P.O. BOX 638
Hartford Reservation
Richland, WA 99352
509-377-2411
☐ P.O. BOX 378
Hartford Reservation
Richland, WA 99352
509-377-2411

CARRIER NAME: WESTERN STATE TRUCK LINE
CARRIER EPA# (if any):
ADDRESS: 3841 N. Columbia Blvd.
CITY: Portland STATE: OR ZIP: 97217
DRIVER NAME: Leonard J. Helman 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. 9,9-7,1,3-0,0,8,4			
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. 9,9-0,0,0-6,0,7,0			
Syntax, Inc.	49234	C.A.D. 10,0-9,2,3-8,4,1,1			
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 SITE COPY (To accompany shipment)
☐ 2) COPIES COPY
☐ 3) NATIONAL SITE COPY (To be mailed to site)
☐ 4) BROKER 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:

THIS IS TO CERTIFY THAT THE ABOVE NAMED MATERIALS ARE PROPERLY CLASSIFIED, DECLASSIFIED, MARKED AND LABELED AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION AND ARE IN COMPLIANCE WITH ALL REQUIREMENTS APPLICABLE AT THE DESIGNATED DISPOSAL SITE.

X-4 10-1-71 J. C. Williams

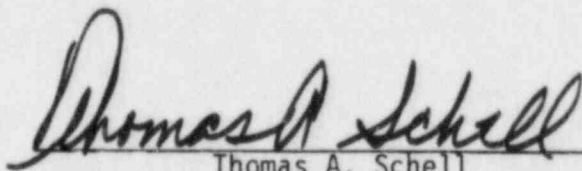
CALIFORNIA POLYTECHNIC STATE UNIVERSITY

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



OATH OF AFFIRMATION

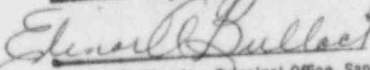
I, Thomas A. Schell, represent California Polytechnic State University's Radiation Safety Office in all matters relating to the submission of documents to the U.S. Nuclear Regulatory Commission referencing Reactor License #R-121; Docket No. 50C-394 and final decommissioning of the AGN-201 Nuclear Reactor. As appointed Radiation Safety Officer for California Polytechnic State University and pursuant to subchapter D-Preparation, Transmittal, and Processing of Documents code of Federal Regulations Title 1, Chapter 1, Part 18.3 submission of documents and letters of transmittal; 18.5 Certified Copies; 18.6 Form of Certification; and 18.7 Signature; I do hereby affirm that each copy of each document is certified to be a true copy of the original on this twenty-fifth day of January in the year of our Lord one thousand nine hundred and eighty five.


Thomas A. Schell
Radiation Safety Officer

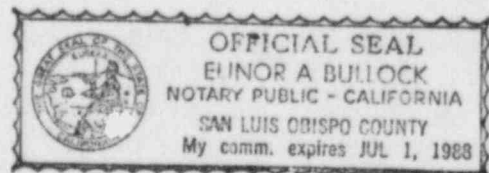
Dated: 1-25-85

Subscribed and sworn to before me this

25 day of January 1985

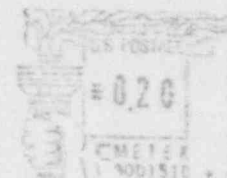
 Notary Public

State of California - Principal Office, San Luis Obispo County



DEPARTMENT OF PUBLIC SAFETY
CALIFORNIA POLYTECHNIC
STATE UNIVERSITY

SAN LUIS OBISPO, CALIFORNIA 93407



Mr. John A. Zwolinski, Chief
Operators Reactor Branch #5
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555





FCTC:LLG
71-0492

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

FEB 24 1983

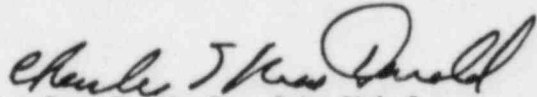
California Polytechnic State University
ATTN: Mr. Jeffrey L. Hall
Department of Public Safety
San Luis Obispo, CA 93407

Gentlemen:

Enclosed is Quality Assurance Program Approval No. 0492, Revision No. 0. This approval is applicable to a one-time shipment of enriched uranium-oxide fuel discs from a dismantled AGN-201 reactor.

Please note that pursuant to the general license provisions of 10 CFR 71.12(a), (b) that the proposed shipment must be in a Department of Transportation specification container or an NRC approved package.

Sincerely,


Charles E. MacDonald, Chief
Transportation Certification Branch
Division of Fuel Cycle and
Material Safety, NMSS

Enclosure: As stated

8303040113 LP.

2-24-83

QUALITY ASSURANCE PROGRAM APPROVAL
FOR RADIOACTIVE MATERIAL PACKAGES

0492
REVISION NUMBER

0

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974, as amended, and Title 10, Code of Federal Regulations, Chapter 1, Part 71, and in reliance on statements and representations heretofore made in Item 5 by the person named in Item 2, the Quality Assurance Program identified in Item 5 is hereby approved. This approval is issued to satisfy the requirements of Section 71.51 of 10 CFR Part 71. This approval is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

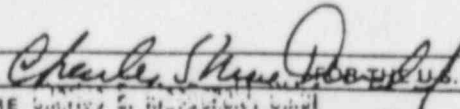
2. NAME California Polytechnic State University			3. EXPIRATION DATE December 31, 1983
STREET ADDRESS Department of Public Safety			4. DOCKET NUMBER 71-0492
CITY San Luis Obispo	STATE CA	ZIP CODE 93407	

5. QUALITY ASSURANCE PROGRAM APPLICATION DATE(S)
February 4, 1983

6. CONDITIONS

The activities authorized by this approval are procurement of packaging, use, and one-time shipment of polyethylene fuel and control rod fuel discs from a AGN-201 dismantled reactor.

It shall remain the responsibility of the licensee-user to ensure that all transportation activities meet the requirements of Section 71.51 of 10 CFR Part 71.


SIGNATURE *Charles E. Robinson, Chief*
Transportation Certification Branch
Division of Fuel Cycle & Material Safety
U.S. NUCLEAR REGULATORY COMMISSION

DATE
FEB 24 1983

8303040116 17.



NUCLEAR REGULATORY COMMISSION

REGION V

1450 MARIA LANE, SUITE 210
WALNUT CREEK, CALIFORNIA 94596

JHC Gach
RECEIVED

APR 1 1983

MAR 28 1983

DIRECTOR OF
BUSINESS AFFAIRS

Docket No. 50-394

California Polytechnic State University
San Luis Obispo, California 93401

Attention: R. W. Adamson
Reactor Administrator

Gentlemen:

Subject: NRC Inspection of AGN-201 Reactor

This refers to the inspection conducted by Mr. T. Young Jr. of this office on March 14-16, 1983, of activities authorized by NRC License No. R-121, and to the discussion of our findings held by Mr. Young with you and other members of your staff.

Areas examined during this inspection are described in the enclosed inspection report. Within these areas, the inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector.

No items of noncompliance with NRC requirements were identified within the scope of this inspection.

In accordance with 10 CFR 2.790(a), a copy of this letter and the enclosure will be placed in the NRC Public Document Room unless you notify this office, by telephone, within ten days of the date of this letter and submit written application to withhold information contained therein within thirty days of the date of this letter. Such application must be consistent with the requirements of 2.790(b)(1).

*Watkins will
physical on own
11-12-83
Container room
+ filed.*

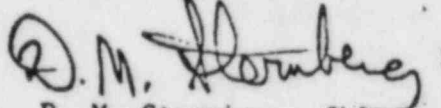
JH
4/1/83

8309090391 277

11/15/83

Should you have any questions concerning this inspection, we will be glad to discuss them with you.

Sincerely,



D. M. Sternberg, Chief
Reactor Projects Branch No. 1

Enclosure:
NRC Inspection Report
No. 50-394/83-01

U. S. NUCLEAR REGULATORY COMMISSION

REGION V

Report No. 50-394/83-01

Docket No. 50-394

License No. R-121

Licensee: California Polytechnic State University
San Luis Obispo, California 93407

Facility Name: Research Reactor (AGN-201)

Inspection at: California Polytechnic State University

Inspection conducted: March 14-16, 1983

Inspector:

T. Young, Jr.
T. Young, Jr., Chief, Reactor Projects
Section 2

3-24-83
Date Signed

Approved By:

D. M. Sternberg
D. M. Sternberg, Chief, Reactor Projects
Branch 1

3/28/83
Date Signed

Summary:

Inspection on March 14-16, 1983 (Report No. 50-394/83-01)

Areas Inspected: Routine unannounced inspection of facility defueling. The inspection involved seven inspector-hours onsite by one NRC inspector.

Results: No items of noncompliance or deviations were identified.

8509090392 2PT

DETAILS

1. Persons Contacted

- *R. Adamson, Reactor Administrator
- *R. Fisher, Senior Reactor Operator
- *A. Rosen, Nuclear Physicist
- *J. Hall, Radiation Safety Officer
- T. Nash, Technician
- J. Neelands, Technician

*Denotes those attending the exit interview.

2. Reactor Core Disassembly

The inspector witnessed the reactor core being disassembled. The procedure used was the one proposed by the licensee in his application for authorization to dismantle the facility and dispose of component parts dated April 30, 1981, and as revised by letter dated September 8, 1981. The application was approved by the NRC on October 6, 1981.

The procedure was followed step by step and the fuel handling was supervised by the senior licensed operator. The fuel was then packaged in two Department of Transportation approved shipping containers. The two containers were to be bolted shut, sealed and stored in the reactor room until they could be shipped.

No items of noncompliance or deviations were identified.

3. Exit Interview

The inspector met with licensee representatives (denoted in paragraph 1) at the completion of the inspection. The inspection findings were discussed, as set forth in paragraph 2.