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, Ekomas A Scholl

Thomas A. Schell

Radiation Safety Officer, Public Safety

TAS:da

Attachments

cc: John A. Zwolinskir

E.M. Garcia

8502060105 xA

THE CALIFORNIA STATE UNIVERSITY

10 cd 4003

SOUTHWEST NUCLEAR COMPANY 7066 A COMMERCE CIRCLE PLEASONTON, 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-99-00/- 922C

MANIFEST NUMBER 49730

SHIPMENT NUMBER 84-18

DATE RECEIVED 6/26/84

SIGNATURE 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.

JUL 6 1984

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Plea CONTACT The	santon cmas J. Dias 6660	STATE PHONE SHIPMENT #	(415) 84-1	94566 462-3750 8
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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 #

PORM RM2 - 1/84

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CONSIGNED TO

P O BOX 638 Hentord Reservation Richland, WA 99352 509-377-2411

PO BOX 578

Henry 85, 17 m So. of

Bearly, NY 88003

702-553-2203

CARRIER	NAME WESTERN STATE TRUCK LINE MATE. 6/21/84
CARRIER	3841 N. Columbia Blvd.
DOMESS_	Fortland OR 9/217
RIVER P	NAME Leonard J. Hilman more 800-547-9680

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WASTE COLLECTOR CERTIFICATION

THE UNDERSIGNED CERTIFIES THAT THE WASTE DESCRIBED MEREIN WAS NOT BEEN PROCESSED. REPACKAGED ON THEATED IN ANY MAJORER WHICH WOULD INVALIDATE THE INDIVIDUAL CEMERATOR'S CERTIFICATION:

In		
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6-21-84

CHECK BELOW FOR PROPER DISTRIBUTION OF THIS COPT:

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FOR US ECOLOGY USE ONLY

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

MO EXCEPTIONS

DEXCEPTIONS ARE AS FOLLOWS:

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²⁾ A copy of the manifest must be called to the emergence UK Ecology site and a separate many must accompany the maste.

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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

1983

ullac Wotary Public

State of California - Principal Office, San Lbis Obispo County

25 day of

OFFICIAL SEAL
ELINOR A BULLOCK
NOTARY PUBLIC - CALIFORNIA
SAN LUIS OBISPO COUNTY
My comm. expires JUL 1, 1988

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

Inhilliondalahdadahallah



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

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2-24-83

QUALITY ASSURANCE PROGRAM APPROVAL FOR RADIOACTIVE MATERIAL PACKAGES

0492 REVISION NUMBER

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.

California Polytechnic S	California Polytechnic State University							
Department of Public Saf	December 31, 1983							
San Luis Obispo	STATEA	z183485	71-0492					

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.

Charle Shipe HORTHOUP NUCLEAR REGULATORY COMMISSION

Transportation Confification Branch

Christian of Fool Cycle & Material Safety

FEB 2 4 1983



NUCLEAR REGULATORY COMMISSION

1450 MARIA LANE, SUITE 210 WALNUT CREEK, CALIFORNIA 94596

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MAR 28 1983

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).

Alypal or som

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 Priytechnic 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:

Section 2

drojects

Approved By:

D. M. Sternberg, Chief, Reactor Projects

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

Results: No items of noncompliance or deviations were identified.

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 licensce 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.