



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

9/7/78

Docket No. 50-142

MEMORANDUM FOR: Robert W. Reid, Chief
 Operating Reactors Branch #4
 Division of Operating Reactors

FROM: Robert A. Clark, Chief
 Reactor Safeguards Licensing Branch
 Division of Operating Reactors

SUBJECT: UNIVERSITY OF CALIFORNIA, LOS ANGELES
 AMENDED SECURITY PLAN

The University of California, Los Angeles, (UCLA) submitted Amendment No.3 (March 10, 1978) to their security plan covering their 100 kw Argonaut nuclear reactor. Our evaluation, which is being withheld from public disclosure pursuant to 10 CFR 2.79C, is available for your review at my office.

We have concluded that the UCLA amended security plan is acceptable provided certain modifications are made in a timely manner which would effectively disengage the reactor control panel when the control room is not occupied by "A level" personnel. These modifications are summarized in Dr. Catton's letter to Mr. Case dated July 3, 1978. Our evaluation of these proposed modifications addressed safeguards ramifications only. It is further recommended that UCLA be advised that they must submit an amended security plan by December 1, 1978 incorporating the modifications proposed in Dr. Catton's letter and committing to full implementation prior to March 31, 1979.

Robert A. Clark, Chief
 Reactor Safeguards Licensing Branch
 Division of Operating Reactors



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FEB 3 1981

NOTE FOR: Robert L. Fonner
Office of the Executive Legal Director

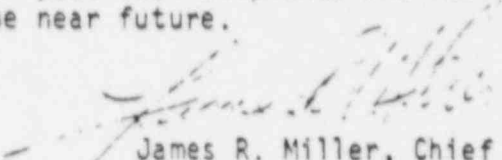
FROM: James R. Miller, Chief
Standardization & Special Projects Branch
Division of Licensing

SUBJECT: §73.37 - REQUIREMENTS FOR PHYSICAL PROTECTION OF IRRADIATED
REACTOR FUEL IN TRANSIT

It is my understanding that if a nonpower reactor were to transport SNM in a quantity exceeding 350 grams, but less than 1 kg., which had a total external radiation dose rate less than 100 rems per hour at a distance of 3 feet, they would have to comply with §73.37.

There is some confusion of this based on discussions I had with Don Carlson, NMSS and Stu Treby, ELD.

Could you please confirm this and give me your interpretation of this case as it pertains to UCLA past fuel shipments and fuel shipments that may take place in the near future.


James R. Miller, Chief
Standardization and Special
Projects Branch
Division of Licensing

cc: R. Tedesco
S. Treby
C. Woodhead
D. Carlson
G. McPeck
H. Bernard

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Mr. Hal Bernard, Acting Branch Chief
Standardization and Special Projects Branch
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

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COMMUNITY SAFETY DEPARTMENT
OFFICE OF RESEARCH & OCCUPATIONAL SAFETY
LOS ANGELES, CALIFORNIA 90008

May 14 1980



Docket 50-142, License R-77

SUBJ: Shipping of Unirradiated Fuel from UCLA

Dear Mr. Bernard:

We wish to advise the Commission of our desire to transfer fifteen (15) unirradiated MTR type fuel elements (as plates) from our facility. The plates of five (5) fuel elements are to be shipped to the University of Florida for use in their reactor and the plates of ten (10) fuel elements are to be transferred to a Department of Energy prime contractor, such as ORNL, Livermore, The distribution of the fifteen (15) elements between the two destinations is somewhat conditioned by the choice of shipping containers. The 5:10 distribution represents current intent but is not yet firmly fixed.

The fuel to be transferred consists of unirradiated aluminum clad standard MTR-type 93% enriched fuel plates. The fuel, currently the property of DOE, was provided to UCLA by the DOE for future loading of the UCLA Argonaut Research Reactor. This unirradiated standard fuel has been stored in a special vault since its arrival in 1971. Based upon projections for fuel utilization, it is unlikely we will require these fuel elements in the foreseeable future. We therefore request its removal by DOE from the UCLA licensed facility.

UCLA will be responsible for supplying those various services and safeguards that are required for transferring the fuel plates to the DOE-provided shipping containers in accordance with the requirements of the UCLA Technical Specifications. DOE will have the responsibility for all other aspects of removal of the fuel from the UCLA building and its transportation to the receiver of the fuel including provision of the shipping containers. Management and coordination of the fuel transfer from UCLA is being handled by Mr. Neill Ostrander (213/825-2825). The individual within the San Francisco Operations office of the DOE who has been informed of the fuel transfer is Mr. David McIntosh (FTS 536-4152).

We hope the preceding description of our projected fuel shipment will provide a timely and satisfactory level of information regarding an event we are most anxious to complete within the shortest time possible.

We appreciate your review and consideration of the project and will look forward to a timely transfer of the fuel plates to their respective locations. Please let me know if you need additional information.

Sincerely,

Walt F. Wegst

W.F. Wegst, Director
Research & Occupational Safety
UCLA
213/206-6413

cc: D.G. McIntosh, DOE, San Francisco
L. Norderhaugh, USNRC, Region V
W. Vernetson, University of Florida

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1/0 c/s