



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

TERA

May 13, 1980

Docket No 50-147

MEMORANDUM FOR: S. E. Bryan, Assistant Director
for Field Coordination
Office of Inspection and Enforcement

FROM: T. M. Novak, Assistant Director
for Operating Reactors
Division of Licensing

SUBJECT: CLOSE-OUT INSPECTION FOR ROCKWELL INTERNATIONAL FCEL REACTOR

By letter dated April 30, 1980, Rockwell International notified the NRC that they had dismantled their FCEL reactor. Rockwell International provided final radiation survey results, requested a close-out inspection by the NRC and requested termination of License No. CX-17.

As discussed with Mr. Frank Wenslawski of Region V, we request that I&E perform a close-out inspection at the FCEL facility to confirm the radiation survey results in the April 30, 1980 letter from Rockwell (Enclosure 1).

Please contact Pete Erickson (27435) of my staff if you have any questions on this matter.

A handwritten signature in cursive script, appearing to read "T. M. Novak".

T. M. Novak, Assistant Director
for Operating Reactors
Division of Licensing

Enclosure: Letter from Rockwell
International to W. Gammill

cc w/enclosure:
Frank Wenslawski, Reg. V

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8005070 554

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Energy Systems Group
8900 De Soto Avenue
Canoga Park, CA 91304
Telephone: (213) 341-1000
TWX: 910-494-1237
Telex: 181017



Rockwell
International

April 30, 1980

In reply refer to 80ESG-3900

Mr. William Gammill
Acting Assistant Director for
Operating Reactor Projects
Division of Operating Reactors
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

- References:
- (1) Rockwell International Letter 74AT-4512 dated July 16, 1974, L. W. Wheeler to Donald J. Skovholt, "Application for Amendment of Facility License CX-17 to Authorize the Dismantling of the Facility, Disposal of its Component Parts, and Voluntary Surrender of the Facility License, Docket 50-147"
 - (2) U.S. AEC letter, George Lear to L. W. Wheeler, November 1, 1974, transmitting the order authorizing the dismantlement of the Fast Critical Experimental Laboratory reactor

Dear Mr. Gammill:

Subject: Radiation Survey Report of the FCEL Reactor
Facility Following Dismantlement and
Decontamination of the Facility

The Fast Critical Experimental Laboratory (FCEL) reactor covered by Facility License CX-17 has been dismantled in accordance with the dismantling plan submitted with the application transmitted with our letter of July 16, 1974 (Reference 1 above) and the dismantling order transmitted with your letter of November 1, 1974 (Reference 2 above).

The facility has also been decontaminated as described in the dismantling plan transmitted with the July 16, 1974 letter. Enclosed with this letter is a report on the radiation survey of the facility showing that the radiation levels in the facility area do indeed meet the requirements described in the dismantling plan. We are now requesting that the facility be inspected by representatives of the Commission, termination of License CX-17 be authorized, and the facility be released for unrestricted use.

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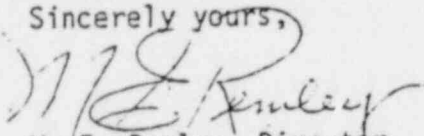
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We would appreciate your early attention to inspection of the facility and its release for unrestricted use, as we have an urgent requirement for use of the facility for other activities. If you have questions or desire further information, please call me at (213) 341-1000, Extension 2238.

Sincerely yours,



M. E. Remley, Director
Health, Safety, & Radiation
Services
Energy Systems Group

sjs:4/1-2

Enclosure: Radiation Survey Report of FCEL Facility

cc w/enclosure:

R. H. Engelken, Director, Region V Office, NRC

REPORT OF RADIATION SURVEY OF THE FCEL REACTOR FACILITY
IN SUPPORT OF REQUEST
TO TERMINATE FACILITY LICENSE CX-17
AND TO RELEASE THE FACILITY FOR UNRESTRICTED USE

DOCKET NO. 50-147

1.0 INTRODUCTION

Operations under the dismantling plan authorized by previous NRC (USAEC) order dated November 1, 1974, have been completed. This report presents the supporting information indicating that the dismantling effort has been completed so that the facility license may be terminated and the facility released for unrestricted use.

2.0 STATUS OF FACILITY DISMANTLING

The split-table critical machine has been dismantled and removed. Other hardware and parts not necessary for operation of the building have been removed with the exception of an instrument shop. The instrument shop has occupied and will continue to occupy the rooms in the building as indicated in Figure 1.

The building has been cleaned and surveyed for contamination. No covering material such as painting, plating, or wax has been applied to the floor, walls, equipment, or structure remaining in the building. Such covering will not be applied until after NRC approval to release for unrestricted use.

3.0 RESULTS OF SURVEY FOR ACTIVATION PRODUCTS
AND TOTAL SURFACE ACTIVITY

The area in and around where the split-table critical machine was located has been checked for evidence of induced radioactivity. This included the pit area below the split table and the when it was in place.

DUPLICATE DOCUMENT

Entire document previously entered into system under:
AND 8005070556

No. of pages: 7