

U. S. NUCLEAR REGULATORY COMMISSION  
OFFICE OF INSPECTION AND ENFORCEMENT

REGION V

Report No. 50-94/80-01

Docket No. 50-94 License No. R-40 Safeguards Group \_\_\_\_\_

Licensee: Rockwell International Corporation  
8900 De Soto Avenue  
Canoga Park, California

Facility Name: L-77 Research Reactor

Inspection at: Canoga Park, California

Inspection conducted: September 24-25, 1980

Inspectors: J. R. Curtis 10/15/80  
J. Richard Curtis, Radiation Specialist Date Signed

F. Menslawski for \_\_\_\_\_  
F. Menslawski, Chief, RX Radiation Safety Section Date Signed  
10/15/80

Approved By: H. E. Book 10/15/80  
H. E. Book, Chief, Fuel Facility and Materials Safety Branch Date Signed

Summary:

Inspection on September 24-25, 1980, Report No. 50-94/80-01

Areas Inspected: A special inspection of the L-77 Research Reactor was conducted to establish the present physical status of the facility and determine the licensee's plans and timetable related to their dismantling plan for the reactor. The inspection involved 4 inspection hours by one radiation specialist inspector.

Results: No items of noncompliance were identified in the area inspected.

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## DETAILS

### 1. Persons Contacted

\*Dr. M. Remley, Rockwell (ESG), Health and Safety Manager  
\*Mr. R. Warr, Rockwell (ESG), Facilities Engineering Staff

\*Indicates presence at the exit interview.

### 2. Status of the L-77 Reactor Facility

The status of the L-77 Reactor Facility was determined to be as described in the following paragraphs.

The facility is being maintained in a shut down, de-fueled status, routine surveillance, in the form of quarterly swipe and meter surveys has been performed. Control of personnel access to the locked facility has been maintained by strict key control.

An extensive meter and swipe survey of walls and component surfaces comprising more than 1,000 locations has been performed. Results of the measurements show all survey meter readings at background levels and swipes of accessible, one meter square surfaces were found to be less than 20 CPM alpha and less than 50 CPM beta-gamma activity when counted in a laboratory-type counter.

Requests for administrative approval for funds and authorization to begin dismantling operations on the L-77 facility have been initiated. The anticipated start date for active dismantling operations is in early January 1981.

No items of noncompliance were identified.

### 3. Exit Interview

The inspector met with licensee representatives at the close of the inspection and reviewed the scope and findings of the inspection.

No items of noncompliance were identified.