



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING ORDER TERMINATING FACILITY LICENSE NO. R-40

ROCKWELL INTERNATIONAL

L-77 RESEARCH REACTOR

DOCKET NO. 50-94

By application dated January 28, 1976 as supplemented March 26, 1976 and January 6, 1982, Rockwell International (the licensee) requested that Facility License No. R-40 be terminated following completion of dismantling the L-77 Reactor.

The reactor has been dismantled and disposed of in accordance with the licensee's dismantling plan dated January 28, 1976 and our dismantling order dated September 29, 1976. The Nuclear Regulatory Commission's Office of Inspection and Enforcement inspected the facility on January 22, 1982, and verified that dismantling had been accomplished in accordance with the dismantling order. Also, our inspector conducted a radiation survey of the reactor facility and determined that the facility met the contamination limits stated in the Dismantling Plan and in Regulatory Guide 1.86. In addition, our inspector determined that gamma radiation was at background levels in the facility. The L-77 fuel has been sold and shipped to an authorized receiver in West Germany in accordance with NRC export license conditions.

We have concluded that the termination of this license involves an action which is insignificant from the standpoint of environmental impact, and pursuant to 10 CFR 851.5(d)(4), that an environmental impact statement or negative and environmental impact appraisal need not be prepared in connection with the issuance of this termination order.

Based on the reasons discussed above, we have concluded that this license termination is in compliance with the Commission's regulations, that there is reasonable assurance that this license can be terminated without endangering the health and safety of the public and that its termination will not be inimical to the common defense and security or to the health and safety of the public.

Dated: FEB 11 1982

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