

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of)	
)	
BRIGHAM YOUNG UNIVERSITY)	Docket No. 50-262
)	
(Brigham Young University)	
L-77 Research Reactor))	

ORDER APPROVING DECOMMISSIONING PLAN
AND AUTHORIZING DECOMMISSIONING

By application dated June 28, 1990, as supplemented on July 2, 1991 and March 9, 1992, Brigham Young University (the licensee or BYU) requested authorization to decommission and dismantle the BYU L-77 Research Reactor, Facility License No. R-109, located on the licensee's campus in Provo, Utah, and to dispose of the component parts, in accordance with the Decommissioning Plan for the L-77 Research Reactor (Decommissioning Plan) submitted as part of the application. A "Notice of Proposed Issuance of Orders Authorizing Disposition of Component Parts and Terminating Facility License" was published in the FEDERAL REGISTER on August 1, 1991, (56 FR 36851). No request for a hearing or petition for leave to intervene was filed following notice of the proposed action.

The U.S. Nuclear Regulatory Commission (the Commission) has reviewed the application with respect to the provisions of the Commission's rules and regulations and has found that the decommissioning, dismantling and disposal of component parts as stated in the licensee's Decommissioning Plan will be consistent with the regulations in 10 CFR Chapter I, and will not be inimical

to the common defense and security or the health and safety of the public. The basis of these findings is set forth in the concurrently issued Safety Evaluation by the Office of Nuclear Reactor Regulation.

The Commission has prepared an Environmental Assessment and Finding of No Significant Impact for the proposed action (57 FR 32824).

Based on that Assessment, the Commission has determined that the proposed action will not result in any significant environmental impact and that an environmental impact statement need not be prepared.

Accordingly, the licensee is hereby authorized to decommission and dismantle the BYU L-77 Research Reactor facility covered by Facility License No. R-109, as amended, and dispose of the component parts in accordance with its Decommissioning Plan, as amended, and the Commission's rules and regulations.

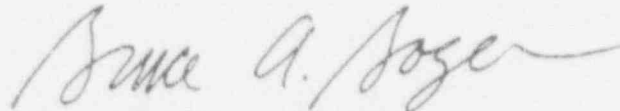
After completion of the dismantling and disposal, the licensee will submit a report on the radiation survey it has performed to confirm that radiation and surface contamination levels in the facility area satisfy the values specified in the Decommissioning Plan and in the Commission's guidance which is set forth in the staff's Safety Evaluation. Following an inspection by representatives of the Commission to verify the radiation and contamination levels in the facility, consideration will be given to issuance of a further order terminating Facility License No. R-109.

For further detail with respect to this action, see (1) the licensee's application for authorization to decommission and dismantle the facility, dispose of component parts, and terminate Facility License No. R-109, dated June 28, 1990, as supplemented; (2) the Commission's Safety Evaluation; and

(3) the Environmental Assessment and Finding of No Significant Impact. All of these items are available for public inspection at the Commission's Public Document Room, 2120 L Street, N.W., Washington, D.C. Copies of items (2) and (3) may be obtained by request to the U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, Attention: Director, Division of Reactor Projects - III/IV/V.

Dated at Rockville, Maryland this 23rd day of July 1992

FOR THE NUCLEAR REGULATORY COMMISSION



Bruce A. Boger, Director
Division of Reactor Projects - III/IV/V
Office of Nuclear Reactor Regulation