

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of	}	
MEMPHIS STATE UNIVERSITY	}	Docket No. 50-538
(The Memphis State University AGN-201 Research Reactor)	}	

ORDER TERMINATING FACILITY OPERATING LICENSE

By application dated November 10, 1986, as supplemented, Memphis State University (the licensee) requested the Nuclear Regulatory Commission (the Commission) for authorization to dispose of the component parts of its AGN-201 reactor facility and to terminate Facility Operating License No. P-127. A Notice of "Proposed Issuance of Orders Authorizing Disposition of Component Parts and Terminating Facility License", was published in the FEDERAL REGISTER on February 13, 1987 (52 FR 4693). No request for a hearing or petition for leave to intervene was filed following notice of the proposed action. By Order dated January 26, 1988, the Commission authorized dismantling of the facility and disposal of component parts as proposed in the licensee's dismantling plan.

The reactor was shutdown in March 1985 and all fuel has been removed from the core and shipped to a DOE facility for processing. The reactor facility has been completely dismantled and all requirements, particularly those relevant to residual radioactivity and the packaging and shipping of fuel and radioactive material, have been met. Accordingly, the Commission has found that the facility has been dismantled and decontaminated pursuant

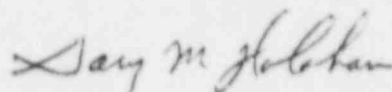
to the Commission's Order dated January 26, 1988. Satisfactory disposition has been made of the component parts and fuel in accordance with the Commission's regulations in 10 CFR Chapter I, and in a manner not inimical to the common defense and security, or to the health and safety of the public. Therefore, based on the application filed by Memphis State University, located in Memphis, Shelby County, Tennessee, and pursuant to Sections 104 and 161 b, i, of the Atomic Energy Act of 1954, as amended, and in 10 CFR 50.82(b), Facility Operating License No. R-127 is terminated as of the date of this Order. In accordance with 10 CFR Part 51, the Commission has determined that the issuance of this termination Order will have no significant impact. The Environmental Assessment was published in the FEDERAL REGISTER on October 18, 1988 (53FR40802).

For further details with respect to this action see (1) the application for termination of Facility Operating License No. R-127, dated November 10, 1986, as supplemented, (2) the Commission's Safety Evaluation related to the termination of the license, (3) the Environmental Assessment, and (4) the Notice of "Proposed Issuance of Orders Authorizing Disposition of Component Parts and Terminating Facility License," published in the FEDERAL REGISTER on February 13, 1987 (52 FR 4693). Each of these items is available for public inspection at the Commission's Public Document Room, 2120 L Street, N.W., Washington, D.C. Copies of items (2), (3), and (4) may be obtained upon request

addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555,
Attention: Director, Division of Reactor Projects - III, IV, V and Special
Projects.

Dated at Rockville, Maryland this 19th day of October 1988.

FOR THE NUCLEAR REGULATORY COMMISSION



Gary M. Holahan, Acting Director
Division of Reactor Projects - III
IV, V and Special Projects
Office of Nuclear Reactor Regulation