

UNITED STATES NUCLEAR REGULATORY COMMISSION
ENVIRONMENTAL ASSESSMENT AND FINDING OF NO SIGNIFICANT IMPACT
REGARDING TERMINATION OF FACILITY LICENSE NO. R-53
UNIVERSITY OF OKLAHOMA
AGN 211P NUCLEAR REACTOR
DOCKET NO. 50-112

The U.S. Nuclear Regulatory Commission (NRC) is considering issuance of an Order terminating Facility License No. R-53 for the University of Oklahoma (UO) AGN 211P Nuclear Reactor located in Norman, Oklahoma, in accordance with the application dated October 25, 1988, as supplemented on March 9 and August 28, 1989.

ENVIRONMENTAL ASSESSMENT

Identification of Proposed Action: By application dated October 25, 1988 as supplemented, the UO requested authorization to decontaminate and dismantle its AGN 211P Nuclear Reactor Facility, to dispose of its component parts in accordance with the proposed dismantling plan, and to terminate Facility License No. R-53. Following an "Order Authorizing Dismantling of Facility and Disposition of Component Parts," dated June 5, 1989, the UO completed the dismantlement and submitted a final survey report on August 28, 1989. The NRC staff of Region IV conducted a survey of the facility on October 11, 1989. The survey is documented in a Regional Inspection Report, 50-112/89-02, November 27, 1989. Region IV, in a memorandum dated November 28, 1989, found that the data developed in the licensee's final survey report met Commission guidelines.

Need for Proposed Action: In order to release the facility for unrestricted access and use, Facility License No. R-53 must be terminated.

Environmental Impact of License Termination: The University of Oklahoma indicates that the residual contamination and dose exposures comply with the

criteria of Regulatory Guide 1.86, Table 1, which establishes acceptable residual surface contamination levels, and the exposure limit, established by the NRC staff, of 5 micro R/hr above ground at one meter. These measurements have been verified by the NRC. The NRC finds that since these criteria have been met there is no significant impact on the environment and the facility can be released for unrestricted use.

Alternatives to the Proposed Action: Since the reactor and component parts have been dismantled and disposed of in accordance with NRC regulations and guidelines, there is no alternative to termination of Facility License No. R-53.

Agencies and Persons Consulted: None

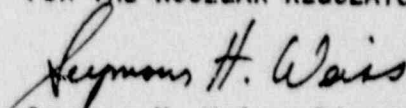
FINDING OF NO SIGNIFICANT IMPACT

The NRC has determined not to prepare an Environmental Impact Statement for the proposed action. Based on the foregoing Environmental Assessment, the NRC has concluded that the issuance of the Order will not have a significant effect on the quality of the human environment.

For further details with respect to this proposed action, see the application for termination of Facility License No. R-53, dated October 25, 1988, as supplemented. These documents are available for public inspection at the Commission's Public Document Room, 2120 L Street, N.W., Washington, D.C. 20555.

Dated at Rockville, Maryland this 1st day of February 1990.

FOR THE NUCLEAR REGULATORY COMMISSION



Seymour H. Weiss, Director
Non-Power Reactor, Decommissioning and
Environmental Project Directorate
Division of Reactor Projects - III,
IV, V and Special Projects
Office of Nuclear Reactor Regulation