

UNITED STATES NUCLEAR REGULATORY COMMISSION
ENVIRONMENTAL ASSESSMENT AND FINDING OF NO SIGNIFICANT IMPACT
REGARDING TERMINATION OF FACILITY OPERATING LICENSE NO. R-119
WESTINGHOUSE ELECTRIC CORPORATION
NUCLEAR TRAINING REACTOR FACILITY
DOCKET NO. 50-87

The U.S. Nuclear Regulatory Commission (the Commission) is considering issuance of an Order terminating Facility Operating License No. R-119 for the Westinghouse Electric Corporation Nuclear Training Reactor Facility located in Zion, Illinois, in accordance with the application dated July 8, 1987, as supplemented.

ENVIRONMENTAL ASSESSMENT

Identification of Proposed Action: By application dated July 8, 1987 as supplemented, Westinghouse Electric Corporation requested authorization to decontaminate and dismantle its Nuclear Training Reactor Facility, to dispose of its component parts in accordance with the proposed dismantling plan, and to terminate Facility Operating License No. R-119. Following an "Order Authorizing Dismantling of Facility and Disposition of Component Parts," dated January 29, 1988, Westinghouse Electric Corporation completed the dismantlement and submitted a final survey report on April 11, 1988. Representatives of the Oak Ridge Associated Universities, (ORAU), under contract to NRC, conducted a survey of the facility on June 9 and 10, 1988. The survey is documented in an ORAU report "Confirmatory Radiological Survey of the Westinghouse Nuclear Training Reactor Facility Westinghouse Nuclear Training Center, Zion, Illinois," S. A. Wical, August 1988. Region III, in

a memorandum dated September 6, 1988, found that the ORAU report findings support the data developed in the licensee's final survey report.

Need for Proposed Action: In order to release the facility for unrestricted access and use, Facility Operating License No. R-119 must be terminated.

Environmental Impact of License Termination: The Westinghouse Electric Corporation, 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 Operating License No. R-119

Agencies and Persons Consulted: Personnel from the Radiological Site Assessment Program, Oak Ridge Associated Universities (an NRC contractor) assisted Region III in the conduct of the Termination Survey for the Westinghouse Electric Corporation Nuclear Training Reactor Facility.

FINDING OF NO SIGNIFICANT IMPACT

The Commission has determined not to prepare an Environmental Impact Statement for the proposed action. Based on the foregoing Environmental Assessment, the Commission 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 Operating License No. R-119, dated July 8, 1987, 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 19th day of October 1988.

FOR THE NUCLEAR REGULATORY COMMISSION

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