

UNITED STATES NUCLEAR REGULATORY COMMISSION  
FINDING OF NO SIGNIFICANT ENVIRONMENTAL IMPACT  
REGARDING PROPOSED ORDER AUTHORIZATING DISMANTLING OF THE  
REACTOR AND DISPOSITION OF COMPONENT PARTS  
BARCOCK & WILCOX COMPANY  
DOCKET NO. 50-13

The Nuclear Regulatory Commission is considering issuance of an Order authorizing the Babcock & Wilcox Company to dismantle their critical facility near Lynchburg, Virginia and to dispose of the reactor components in accordance with the application dated August 7, 1984, as supplemented.

The Order would authorize dismantling of the facility and disposal of the components in accordance with the licensee's application for decontamination and dismantling dated August 7, 1984, as supplemented. Opportunity for hearing was afforded by the Notice of Proposed Issuance of Orders Authorizing Disposition of Component Parts and Termination of Facility License published in the Federal Register September 18, 1984 at 49 FR 36579.

Finding of No Significant Impact

The Commission has determined not to prepare an Environmental Impact Statement for the proposed action. The Commission has prepared an Environmental Assessment of this action and has concluded that the proposed action will not have a significant effect on the quality of human environment.

Summary of Environmental Impacts

The environmental impacts associated with the dismantling and decontamination operations are discussed in an Environmental Assessment

associated with this action, dated January 31, 1985. The operations are calculated to result in a total radiation exposure of less than 1 person-Rem to all operating personnel and less than 10 person millirem for the population within a 10-mile radius. The Environmental Assessment concluded that the operation will not result in any significant environmental impacts on air, water, land or biota in the area, and that an Environmental Impact Statement need not be prepared. These conclusions were based on the fact all operations are carefully planned and controlled, that all contaminated components and soil are removed, packaged, and shipped offsite, and that the radiological effluent control procedures and systems ensure that releases of radioactive wastes from the facility are within the limits of 10 CFR Part 20 and are as low as is reasonably achievable (ALARA).

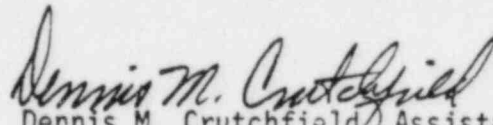
For further details with respect to this proposed action, see the application for dismantling, decontamination and license termination dated, August 7, 1984, as supplemented, the Environmental Assessment, and the Safety Evaluation prepared by the staff. These documents and this Finding of No Significant Environmental Impact are available for public inspection at the Commission's Public Document Room, 1717 H street NW, Washington, D.C. 20555. Copies may be obtained upon request addressed to the U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, ATTENTION: Director, Division of Licensing.

Copies may be purchased by calling (301) 492-9530 or by writing to the Publication Services Section, Document Management Branch, Division of Technical Information and Document Control, U.S. Nuclear Regulatory Commission,

Washington, D.C. 20555; or purchased from the National Technical Information Service, Department of Commerce, 5285 Port Royal Road, Springfield, Virginia 22161.

Dated at Bethesda, Maryland this 28th day of March 1985.

FOR THE NUCLEAR REGULATORY COMMISSION



Dennis M. Crutchfield, Assistant Director  
for Safety Assessment  
Division of Licensing