

UNITED STATES NUCLEAR REGULATORY COMMISSION  
NOTICE OF RENEWAL OF FACILITY LICENSE NO. R-120  
NORTH CAROLINA STATE UNIVERSITY  
DOCKET NO. 50-297

The U.S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 11 to Facility License No. R-120 for the North Carolina State University (the licensee), which renews the license for operation of the PULSTAR Research Reactor located on the licensee's campus in Raleigh, North Carolina.

The facility is a non-power reactor that has been operating at a power level not in excess of 1000 kilowatts (thermal). Renewed Facility License No. R-120 will expire 20 years from its date of issuance.

The amended license complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's regulations. The Commission has made appropriate findings as required by the Act and the Commission's regulations in 10 CFR Chapter I. Those findings are set forth in the license amendment. Opportunity for hearing was afforded in the notice of the proposed issuance of this renewal in the FEDERAL REGISTER on December 28, 1988, at 53 FR 52535. No request for a hearing or petition for leave to intervene was filed following notice of the proposed action.

Continued operation of the reactor will not require alteration of buildings or structures, will not lead to significant changes in effluents released from the facility to the environment, will not increase the probability or consequences of accidents, and will not involve any unresolved

issues concerning alternative uses of available resources. On the basis of the foregoing and on the Environmental Assessment, the Commission concludes that renewal of the license will not result in any significant environmental impacts.

The Commission has prepared a "Safety Evaluation Report Related to the Renewal of the Operating License for the Research Reactor at North Carolina State University" (NUREG-1572) for the renewal of Facility License No. R-120 and has, on the basis of that report, concluded that the facility can continue to be operated by the licensee without endangering the health and safety of the public.

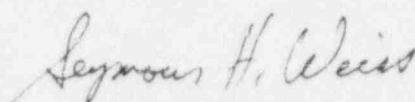
The Commission also prepared an Environmental Assessment, which was published in the FEDERAL REGISTER on April 29, 1997 (62 FR 23280) for the renewal of Facility License No. R-120 and has concluded that this action will not have a significant effect on the quality of the human environment.

For further details with respect to this action, see (1) the application for amendment dated August 19, 1988, as supplemented on January 2, April 17, and December 18, 1989; April 17 and July 18, 1990; January 25, 1991; November 30, 1992; September 15, 1995; and October 4, November 25, and December 30, 1996; (2) Amendment No. 11 to Facility License No. R-120; (3) the related Safety Evaluation Report (NUREG-1572); and (4) the Environmental Assessment dated April 18, 1997. These items are available for public inspection at the Commission's Public Document Room, the Gelman Building, 2120 L Street, NW, Washington, DC 20037.

Copies of NUREG-1572 may be purchased by calling (202) 275-2060 or (202) 275-2171, or write the Superintendent of Documents, U.S. Government Printing Office, Post Office Box 37082, Washington, DC 20013-7982.

Dated at Rockville, Maryland, this 30th day of April 1997.

FOR THE NUCLEAR REGULATORY COMMISSION



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Non-Power Reactors and Decommissioning  
Project Directorate  
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