

UNITED STATES NUCLEAR REGULATORY COMMISSION  
UNION CARBIDE SUBSIDIARY B, INC.  
NOTICE OF RENEWAL OF FACILITY OPERATING LICENSE

DOCKET NO. 50-54

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 21 to Facility Operating License No. R-81 for Union Carbide Subsidiary B, Inc. (the licensee) which renews the license for operation of the research reactor through June 30, 2000. The facility, located in Sterling Forest, New York, is a research reactor that has been operating since 1961 at power levels not in excess of 5 megawatts (thermal).

The amended license complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. The Commission has made appropriate findings as required by the Act and the Commission's rules and regulations in 10 CFR Chapter I. Those findings are set forth in the amended license. Notice of the proposed issuance of this action was published in the Federal Register on August 1, 1980 at 45 FR 51320. No request for a hearing or petition for leave to intervene was filed following notice of the proposed action.

The Commission has prepared a Safety Evaluation Report (NUREG-1059) regarding the renewal of the Facility Operating License and has concluded that the facility can continue to be operated by the licensee without endangering the health and safety of the public.

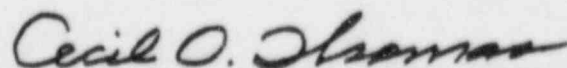
- 2 -

The Commission has also prepared an Environmental Assessment for the renewal of Facility Operating License No. R-81 and has determined not to prepare an Environmental Impact Statement for this license renewal because there will be no significant environmental impact attributable to the action. The Notice of Final Finding of No Significant Environmental Impact was published in the Federal Register on September 21, 1984 at 49 FR 37196.

For further details with respect to this action, see (1) the application for amendment dated May 23, 1980, as supplemented, (2) Amendment No. 21 to License R-81, (3) the Commission's related Safety Evaluation Report (NUREG-1059) and (4) the Environmental Assessment. These items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D.C. - Copies of NUREG-1059 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, VA 22161.

Dated at Bethesda, Maryland, this

FOR THE NUCLEAR REGULATORY COMMISSION



Cecil O. Thomas, Chief  
Standardization & Special  
Projects Branch  
Division of Licensing