



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

NOTICE OF ISSUANCE OF FACILITY OPERATING LICENSE NO. DPR-21

NORTHEAST NUCLEAR ENERGY COMPANY

MILLSTONE NUCLEAR POWER STATION, UNIT NO. 1

DOCKET NO. 50-245

The U. S. Nuclear Regulatory Commission (the Commission) has issued Facility Operating License No. DPR-21 to Northeast Nuclear Energy Company, acting for itself and as agent for the Connecticut Light and Power Company and Western Massachusetts Electric Company, authorizing operation of the Millstone Nuclear Power Station, Unit 1, (Millstone Unit 1) at steady-state reactor core power levels not in excess of 2011 megawatts (thermal), in accordance with the provisions of the license and the technical specifications.

Millstone Unit 1 is a boiling water reactor located in Waterford, Connecticut. The Millstone Unit 1 reactor has operated since October 7, 1970, under Provisional Operating License No. DPR-21. Facility Operating License No. DPR-21 supersedes Provisional Operating License No. DPR-21 in its entirety.

Notice of Consideration of Conversion of Provisional Operating License to Full-Term Operating License and Opportunity for Hearing was published in the FEDERAL REGISTER on November 28, 1972 (37 FR 25187). The full-term operating license was not issued previously pending completion of the reviews under the Systematic Evaluation Program (NUREG-0824, February 1983), and by the Advisory Committee on Reactor Safeguards. The Final Environmental Statement (FES) connected with the conversion to a full-term operating license was issued in June 1973. A Notice of Availability of the FES was published in the FEDERAL REGISTER on June 4, 1973, (38 FR 14699). Because the FES was issued a number of years ago, the staff performed an environmental assessment to determine if a FES supplement was necessary. This assessment dated December 17, 1984, concluded that a FES supplement was not necessary. This conclusion was noticed in the FEDERAL REGISTER on December 26, 1984 (49 FR 50131).

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The application for the full-term operating license complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's regulations in 10 CFR Chapter I, as set forth in the license.

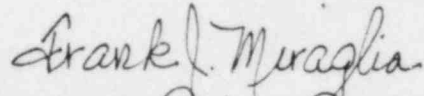
The Commission has determined that the issuance of this license will not result in any environmental impacts other than those evaluated in the Final Environmental Statement, since the activity authorized by the license is encompassed by the overall action evaluated in the Final Environmental Statement.

Facility Operating License DPR-21 is effective as of its date of issuance and shall expire May 19, 2006.

For further information concerning this action see: (1) the licensee's application for a full-term operating license dated September 1, 1972, (2) the Final Environmental Statement (June 1973), (3) the Commission's Environmental Assessment, dated December 17, 1984, (4) Facility Operating License No. DPR-21 with Appendix A, Technical Specifications, and (5) the Safety Evaluation Report (NUREG-1143) dated October 1985, and Supplement 1 to this report, which are available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D.C., and at the Waterford Public Library, 49 Rope Ferry Road, Waterford, Connecticut 06385.

A copy of Facility Operating License DPR-21 may be obtained upon request addressed to the U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, Attention: Director, Division of Licensing. Copies of the Safety Evaluation Report (NUREG-1143) and Supplement 1 to this report may be purchased through the U.S. Government Printing Office by calling (202)275-2060, or by writing to the U.S. Government Printing Office, Post Office Box 37082, Washington, D.C. 20013-7082. Copies may also be purchased from the National Technical Information Service, U.S. Department of Commerce, 5285 Port Royal Road,

Springfield, Virginia 22161. A copy is available for inspection and/or copying for a fee in the NRC Public Document Room, 1717 H Street, N.W., Washington, D.C. 20555.



Frank J. Miraglia, Director
Division of PWR Licensing - B

Dated at Bethesda, Maryland this 31st day of October 1986