

LONG ISLAND LIGHTING COMPANY

DOCKET NO. 50-322

SHOREHAM NUCLEAR POWER STATION, UNIT 1

AMENDMENT TO POSSESSION ONLY LICENSE

Amendment No. 7
License No. NPF-82

1. The U.S. Nuclear Regulatory Commission (the Commission) has found that
 - A. The application for amendment by Long Island Lighting Company (the licensee), dated January 5, 1990 and supplemented on August 30, 1990, October 30, 1990, February 26, 1991, March 11, 1991, and March 26, 1991, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;
 - B. The facility will be maintained in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.
2. Accordingly, Facility Operating License No. NPF-82 is hereby amended in its entirety to read as follows:
 - A. The license applies to the Shoreham Nuclear Power Station, Unit 1, a boiling water nuclear reactor and associated equipment, owned by the licensee. The facility is located in Suffolk County, New York, and is described in the licensee's Defueled Safety Analysis Report (DSAR), which includes, by reference, the appropriate sections of the Updated Safety Analysis Report (USAR), as supplemented and amended, and the licensee's Environmental Report, as supplemented and amended.

- B. Subject to the conditions and requirements incorporated herein, the Commission hereby licenses the Long Island Lighting Company (LILCO, the licensee):
- (1) Pursuant to Section 103 of the Act and 10 CFR Part 50, to possess, use, but not operate the facility at the designated location in Suffolk County, New York, in accordance with the procedures and limitations set forth in this license;
 - (2) Pursuant to the Act and 10 CFR Part 70, to receive, possess, and use at any time special nuclear material as reactor fuel, in accordance with the limitations for storage and amounts required for reactor operation, as described in the Updated Safety Analysis Report, as supplemented and amended;
 - (3) Pursuant to the Act and 10 CFR Parts 30, 40, and 70, to receive, possess, and use at any time any byproduct, source and special nuclear material as sealed neutron sources for reactor startup, sealed neutron sources for reactor instrumentation and radiation monitoring equipment calibration, and as fission detectors in amounts as required;
 - (4) Pursuant to the Act and 10 CFR Parts 30, 40, and 70, to receive, possess, and use in amounts as required any byproduct, source or special nuclear material without restriction to chemical or physical form, for sample analysis or instrument calibration or associated with radioactive apparatus or components; and
 - (5) Pursuant to the Act and 10 CFR Parts 30, 40, and 70, to possess, but not separate, such byproduct and special nuclear materials as may be produced by the operation of the facility.
- C. This license shall be deemed to contain and is subject to the conditions specified in the Commission's regulations set forth in 10 CFR Chapter I and is subject to all applicable provisions of the Act and to the rules, regulations, and orders of the Commission now or hereafter in effect and is subject to the additional conditions specified or incorporated below:
- (1) Maximum Power Level
The licensee is not authorized to operate the facility at any core power level.

(2) Technical Specifications and Environmental Protection Plan

The Technical Specifications contained in Appendix A and the Environmental Protection Plan contained in Appendix B, as revised through Amendment No. 7 are hereby incorporated into this license. Long Island Lighting Company shall maintain the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

(3) Requirement to Obtain NRC Approval to Place Fuel in the Reactor Vessel

The licensee shall not place any fuel assemblies in the reactor vessel without the prior approval of the NRC staff.

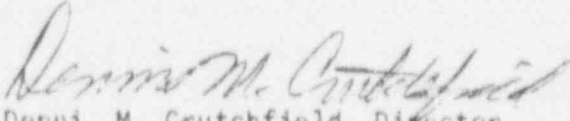
- D. The licensee shall implement and maintain in effect all provisions of the approved fire protection program as described in the Fire Hazards Analysis Report and the Defueled Safety Analysis Report for the facility and as approved in the SER dated April 1981 and Supplements 2 dated February 1982 and 9 dated December 1985, subject to the following provision:

The licensee may make changes to the approved fire protection program without prior approval of the Commission only if these changes would not adversely affect the ability to maintain the fuel in the Spent Fuel Pool in a safe condition in the event of a fire.

- E. The licensee shall fully implement and maintain in effect all provisions of the Commission-approved physical security, guard training and qualification, and safeguards contingency plans including amendments made pursuant to provisions of the Miscellaneous Amendments and Search Requirements revisions to 10 CFR 73.55 (51 FR 27817 and 27822) and to the authority of 10 CFR 50.90 and 10 CFR 50.54(p). The plans, which contain Safeguards Information protected under 10 CFR 73.21, are entitled: "Shoreham Nuclear Power Station Security Plan for Fuel Storage in the Spent Fuel Pool," with revisions submitted through April 5, 1990; the "Shoreham Nuclear Power Station Guard Training and Qualification Plan," with revisions submitted through December 14, 1983; and "Shoreham Nuclear Power Station Safeguards Contingency Plan," with revisions submitted through May 13, 1988. Changes made in accordance with 10 CFR 73.55 shall be implemented in accordance with the schedule set forth therein.

- F. The licensee shall have and maintain financial protection of such type and in such amounts as the Commission shall require in accordance with Section 170 of the Atomic Energy Act of 1954, as amended, to cover public liability claims.
 - G. This license shall expire at midnight on April 13, 2013.
3. This license amendment will become effective ten (10) working days after the date of publication in the Federal Register of the Notice of Issuance of this amendment. If during this period a motion for a stay is filed with the U. S. Court of Appeals, the date when this amendment becomes effective will automatically be extended an additional ten (10) working days to provide the court with time to review the matter.

FOR THE NUCLEAR REGULATORY COMMISSION


Dennis M. Crutchfield, Director
Division of Advanced Reactors
and Special Projects
Office of Nuclear Reactor Regulation

Attachments:

- 1. Appendix A - Technical Specifications
- 2. Appendix B - Environmental Protection Plan

Date of Issuance: June 14, 1991