

Docket No. 50-322  
Mr. Leslie Hill, Resident Manager  
Long Island Power Authority  
Shoreham Nuclear Power Station  
P. O. Box 628  
North Country Road  
Wading River, New York 11792

Dear Mr. Hill:

SUBJECT: APPROVAL OF DECOMMISSIONING PLAN CHANGE

The NRC staff has reviewed LIPA's letter LSNRC-2019 dated December 30, 1992, requesting approval for a change to the Shoreham Decommissioning Plan in accordance with Condition 4 for the Shoreham Decommissioning Order. To support dismantlement, LIPA is requesting approval to use a temporary filtration and demineralizer system to perform the non-safety related function of maintaining the water chemistry in the spent fuel pool. The temporary system is described in the attachment to LSNRC-2019.

The NRC staff has completed its review of the proposed changes in LSNRC-2019, and is approving the use of the temporary filtration and demineralizer system to perform the non-safety related function of maintaining the water chemistry in the spent fuel pool. The staff based its approval of the temporary system on the following: 1) the rate of decay heat generation is negligible because of the low burn-up of the Shoreham irradiated fuel (less than two effective full power days), and the cooling function of the spent fuel pool cleanup system is unnecessary; 2) the temporary system's specifications compared favorably with the specifications of the existing system; and 3) this change meets the water chemistry requirements of Technical Specifications 3/4.5.5. Should you have any additional questions, you may call me at (301) 504-3438.

Sincerely,  
Clayton L. Pittiglio Jr. *Original Signed By*  
Decommissioning and Regulatory  
Issues Branch  
Division of Low-Level Waste Management  
and Decommissioning  
Office of Nuclear Material Safety  
and Safeguards

cc: Attached list

Distribution: Central File NMSS r/f LLWM r/f RBangart EWBrach  
JAustin JSurmeier LPittiglio LBell PLohaus MWeber

TCJohnson LLDR r/f

PDR: Yes ☒ No ☐ Category: Proprietary ☐ or CF Only ☐

ACNW: Yes ☐ No ☒

SUBJECT ABSTRACT: CHANGES TO THE DECOMMISSIONING PLAN, P:SHORETEM

\* See previous concurrence

OFC	LLDR*	LLDR*	LLDR*			
NAME	CPittiglio	LBELL	JAustin			
DATE	1/27/93	1/29/93	1/29/93			

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The NRC's staff has completed its review of the proposed changes in LSNRC-2019, and is approving the use of the temporary filtration and demineralizer system to perform the non-safety related function of maintaining the water chemistry in the spent fuel pool. The staff based its approval of the temporary system on the following: 1) the rate of decay heat generation is negligible because of the low burn-up of the Shoreham irradiated fuel (less than two effective full power days), and the cooling function of the spent fuel pool cleanup system is unnecessary; 2) the temporary system's specifications compared favorably with the specifications of the existing system; and 3) this change meets the water chemistry requirements of Technical Specifications 3/4.5.5.

Should you have any additional questions, you may call me at (301) 504-3438.

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Issues Branch  
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Management and Decommissioning  
Office of Nuclear Material  
Safety and Safeguards

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JAN 29 1993

Shoreham Nuclear Power Station  
Long Island Power Authority  
Docket No. 50-322

Mr. Carl Giacomazzo  
President of the Shoreham  
Decommissioning Project  
Long Island Power Authority  
200 Garden City Plaza  
Garden City, NY 11530

Mr. Stanley B. Klimberg  
President of Shoreham  
Gas Conversion Project and  
Special Counsel to the Chairman  
Long Island Power Authority  
200 Garden City Plaza  
Garden City, NY 11530

Mr. Richard Bonnifield  
General Counsel  
Long Island Power Authority  
200 Garden City Plaza  
Garden City, NY 11530

Herbert M. Leiman, Esq.  
Assistant General Counsel  
Long Island Lighting Company  
175 East Old County Road  
Hicksville, NY 11801

W. Taylor Reveley, III, Esq.  
Hunton & Williams  
Riverfront Plaza, East Tower  
951 East Byrd Street  
Richmond, VA 23219-4074

Mr. Stephen Schoenwiesner  
Shoreham Nuclear Power Station  
P. O. Box 628  
Wading River, NY 11792

Mr. John D. Leonard, Jr.  
Vice President Office of Nuclear  
Long Island Lighting Company  
Shoreham Nuclear Power Station  
P. O. Box 628  
Wading River, NY 11792

Mr. James H. Joyner  
U.S. Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, PA 19406

Letter dated: \_\_\_\_\_

Regional Administrator, Region I  
U.S. Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, PA 19406

Mr. John C. Brons, President  
New York Power Authority  
123 Main Street  
White Plains, NY 10601

Mr. Richard M. Kessel  
Chairman & Executive Director  
New York State Consumer  
Protection Board  
250 Broadway  
New York, NY 10007

Ms. Donna Ross  
New York State Energy Office  
Agency Building 2  
Empire State Plaza  
Albany, NY 12223

Nicholas S. Reynolds, Esq.  
David A. Repka, Esq.  
Winston & Strawn  
1400 L Street, N.W.  
Washington, DC 20005

Commissioner James T. McFarland  
New York Public Service Commission  
814 Ellicott Building  
295 Main Street  
Buffalo, NY 14203

Gerald C. Goldstein, Esq.  
Office of General Counsel  
New York Power Authority  
1633 Broadway  
New York, NY 10019

Carl R. Schenker, Jr., Esq.  
O'Melveny & Myers  
555 13th Street, N.W.  
Washington, DC 20004

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Mr. Ronald L. Nimitz  
Senior Radiation Specialist  
U.S. Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, PA 19406

James P. McGranery, Jr., Esq.  
Dow, Lohnes & Albertson  
Suite 600  
1255 23rd Street, N. W.  
Washington, DC 20037