



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

MAR 03 1993

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 Nuclear Regulatory Commission staff has reviewed the Long Island Power Authority's (LIPA) letter LSNRC-2004 dated January 5, 1993, and supplemental telephone memorandum dated February 11, 1993, (Gisonda/Pittiglio) requesting approval for the phased decommissioning of the existing liquid radwaste system, and installation of a temporary liquid radwaste system. This request for a change to the Shoreham Decommissioning Plan (DP) was submitted in accordance with Conditions 3 and 4 of the Shoreham Decommissioning Order.

The NRC staff has completed its review of the proposed changes in LSNRC-2004, and approves the phased decommissioning of the liquid radwaste system, and the use of the temporary liquid radwaste system. The temporary system is described in detail in the attachments to LSNRC-2004. The staff based its approval on the following: 1) the temporary system, including all temporary piping and valves, will be designed, fabricated, and tested in accordance Regulatory Guide 1.143; 2) the proposed mobile radwaste filter/demineralizer unit to be furnished by Diversified Technologies (DT) is a system that has been used at more than 20 nuclear power plants; 3) the DT mobile radwaste filter has sufficient capacity to process the anticipated volume of contaminated water; 4) the temporary system will be used in compliance with the Offsite Dose Calculation Manual; and 5) the system requires no change to the Technical Specifications.

The staff did not approve the use of the reactor building salt water drain tank, TK-190, as an alternative method to drain the spent fuel storage pool (SFSP). The use of the reactor building salt water drain tank alternative was disapproved because: 1) LIPA has not provided sufficient justification for the use of this alternative system to drain the SFSP, 2) LIPA has not demonstrated how Appendix I requirements will be met, and 3) the use of the salt water drain tank would require a revision to the Offsite Dose Calculation Manual (ODCM) on which the DP releases were approved.

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

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Letter dated: MAR 03 1993

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MAR 03 1993

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MAR 04 1993

Leslie Hill

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

Sincerely,

Original Signed By

Clayton L. Pittiglio Jr., Project Manager
Decommissioning and Regulatory
Issues Branch
Division of Low-Level Waste Management
and Decommissioning
Office of Nuclear Material Safety
and Safeguards

cc: Attached list

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SUBJECT ABSTRACT: APPROVAL OF SHOREHAM TEMPORARY SYSTEM

Mark Small Boxes in Concurrence Block to Define Distribution Copy Preference

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Leslie Hill

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4) the temporary system will be used in compliance with the Offsite Dose Calculation Manual; and (5) the system requires no change to the Technical Specifications.

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

Sincerely,

Clayton L. Pittiglio Jr., Project Manager
Decommissioning and Regulatory
Issues Branch
Division of Low-Level Waste Management
and Decommissioning
Office of Nuclear Material Safety
and Safeguards

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