



Long
Island
Power
Authority

Shoreham Nuclear Power Station
P.O. Box 628
North Country Road
Wading River, N.Y. 11792

JAN 5 - 1993

LSNRC-2004

U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555

ATTN: Mr. Robert Bernero, Director
Office of Nuclear Material
Safety and Safeguards

Request for Approval of
Temporary Liquid Radwaste Processing System Design
Shoreham Nuclear Power Station - Unit 1
Docket No. 50-322

Ref: (1) USNRC letter dated June 11, 1992 to L. M. Hill from
S.W. Brown; subject: Order Approving the
Decommissioning Plan and Authorizing Decommissioning of
the Shoreham Nuclear Power Station, Unit 1.

Gentlemen:

In accordance with Conditions 3 and 4 of the Shoreham
Decommissioning Order (Reference 1), Long Island Power Authority
(LIPA) hereby submits to the Commission, and requests approval
of, the attached temporary Liquid Radwaste (LRW) Processing
System design package which will be utilized to phase-out and
decommission the installed Liquid Radwaste System (G11) at
Shoreham. The temporary LRW Processing System design package,
which was discussed in detail during our November 23, 1992
meeting, consists of: 1) a description of the planned phase-out
of the installed Liquid Radwaste System (attachment 1); 2) a
proposed schedule for the planned phase-out (attachment 2); and
3) the technical information regarding design and testing
requirements for mobile filtration units/demineralizers and
temporary equipment (attachment 3). Please note that the design,
materials, fabrication and testing of the temporary equipment
comply with Regulatory Guide 1.143.

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As identified in the temporary LRW Processing System design package, a mobile filter/demineralizer skid will eventually be utilized to process liquid radwaste, since the G11 System Demineralizers and Filters, and the Floor Drain Filter will be removed. This mobile skid will connect into the system at existing flanges which are provided solely for this purpose as part of the original system design.

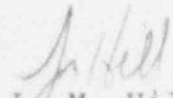
LIPA intends to utilize this temporary system configuration and method to process liquid radwaste in compliance with the ODCM and licensing requirements until no liquid radwaste exists, and the system can be dismantled in its entirety.

LIPA believes that this is an acceptable design because it will have no adverse impact on public health and safety and will not result in environmental impacts different from or exceeding those set forth in the Supplement to the Environmental Report, December 1990.

LIPA respectfully requests that the NRC review and approve the proposed temporary LRW Processing System.

Should you have any questions or require additional information, please do not hesitate to contact my office.

Very truly yours,



L. M. Hill
Resident Manager

MP/ab
Attachments

cc: L. Bell
C. L. Pittiglio
T. T. Martin
R. Nimitz

**ATTACHMENT 1
TO LSNRC-2004**

**Plan For The Phased Decommissioning
Of The Liquid Radwaste System**