



Long  
Island  
Power  
Authority

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

JUL 01 1992

LSNRC-1970

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

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

Request for Clarification and Approval of A Change to the  
SNPS Decommissioning Plan (DP): Control of Heavy Loads  
Shoreham Nuclear Power Station - Unit 1  
Docket No. 50-322

- Ref: 1) LIPA (S. Klimberg) letter LSNRC-1874 to NRC (Document Control Desk) dated December 6, 1991.  
2) LIPA (S. Klimberg) letter LSNRC-1859 to NRC (Document Control Desk) dated November 27, 1991.

Gentlemen

The following clarification and requested change to the SNPS DP is submitted for NRC review and approval in accordance with Condition 4 of the SNPS Decommissioning Order. LIPA would appreciate your prompt attention and response to this request as we are preparing for the removal and disposition of the control rod blades, which are affected by this issue.

LIPA provided additional information in support of the Decommissioning Plan for Shoreham in the reference 1 letter. This letter addressed several items, one of which was the control of heavy loads. The discussion of "Conformance to NUREG-0612 Guidelines During Decommissioning" stated "...Except for spent fuel shipping casks, no heavy loads will be permitted to be carried over the SFSP." However, at the time that reference 1 was prepared, it was not recognized that this statement would be in conflict with the planned disposal of various components situated in the SFSP. Disposal of the following types of equipment from the SFSP, therefore, may require transportation of heavy loads, other than the spent fuel shipping casks, over the SFSP (although not over the spent fuel assemblies):

Control rod blades (CRBs)

° LPRMs

9207070254 920701  
PDR ADOCK 05000322  
W PDR

4001 1/10

- ° Beryllium Sleeves
- ° Antimony Pins
- ° IRM/SRM dry tubes

Although heavy load controls for these components have not been previously addressed, LIPA notes that disposition of these items was discussed in detail as part of the decommissioning scope in LIPA response number 6 in reference 2.

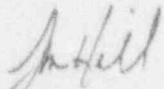
The containers utilized for disposal of the above equipment will be handled by the Reactor Building Polar Crane. As stated in letter LSNRC-1874, the Reactor Building Polar Crane and associated rigging equipment will continue to meet the NUREG-0612 guidelines when the crane is used to handle heavy loads over or in the vicinity of the SFSP. Operability of the polar crane is assured by compliance with SNPS technical specification 4.5.3.1.

A liner has been designed specifically for disposal of the CRBs. This liner is not a "heavy load" when it is initially placed in the SFSP prior to being loaded with CRBs. However, the liner is considered a "heavy load" once it has been loaded with CRBs. Therefore, the liner and its lifting slings are designed and fabricated in accordance with NUREG-0612 requirements.

The remaining material listed above will be processed into a radwaste burial liner for placement in a radwaste shipping cask. Equipment associated with disposal of this material also meets the requirements of NUREG-0612 where applicable.

Should you have any questions or require further clarification, please do not hesitate to call me or Steve Schoenwiesner of my staff at (516) 929-5411.

Very truly yours,



L. M. Hill  
Resident Manager

GJG/ab

cc: R. Bangart  
R. Dudley  
J. Moulton  
L. Bell  
S. Brown  
T. T. Martin  
B. Norris