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AUG 31 1977

DOCKET NO. 50-322

Distribution:

w/encl
Docket File
JCSnell
JLee
LWR #2 File

bcc w/o encl
ACRS (16)
JRBuchanan, NSIC
TBAbernathy, TIC

Long Island Lighting Company
ATTN: Mr. Andrew W. Wofford
Vice President
175 East Old Country Road
Hicksville, New York 11801

w/o encl
NRC PDR
Local PDR
DBVassallo
FJWilliams
HSmith
IE (3)
JCooke, ELD
ELD Attorney
RTedesco
GLainas

Gentlemen:

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION - SUPPRESSION POOL
TEMPERATURE LIMIT (SHOREHAM NUCLEAR POWER STATION)

During safety/relief valve operation, steam quenching instability occurs when the suppression pool water is at an elevated temperature, which induces severe vibratory loads on the containment structures. General Electric has proposed (letter dated December 20, 1974, I. F. Stuart to E. G. Case) a technical specification of suppression pool temperature limits that requires operator actions to limit the bulk pool temperature below 160 degrees Fahrenheit. This limit was established on the basis of experiments performed in a foreign country.

Currently, we are reviewing the adequacy of the pool temperature limit for all BWR containments. To date, we have issued a request for additional information on NEDE-21078-P, "Test Results Employed by GE for BWR Containment and Vertical Vent Loads." This report contains the justification for the proposed pool temperature limits. Since the referenced report has been classified as proprietary under our rules and since we have determined that these requests are proprietary, they are, therefore, being withheld from public disclosure.

We are enclosing the complete request for additional information in order to keep you fully informed. Responses to Questions 1, 2, 4 and 5 will be provided by the General Electric Company. Question 3, however, is plant specific and must be addressed by you.

Please advise us within seven days after receipt of this letter of the scheduled date for your response.

8305060155 830317
PDR FOIA
HAFNER82-455 PDR

Sincerely,

Original signed by
R. A. Benedict

for

Karl Kniel, Chief
Light Water Reactors Branch No. 2
Division of Project Management

*Ap 3
GD*

Enclosure: Request for Additional Information	DPM:LWR #2 JCSnell:mt	DPM:LWR #2 KKniel
ccs: See page 2	8/31/77	8/31/77

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Long Island Lighting Company

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cc: Edward M. Barrett, Esq.
General Counsel
Long Island Lighting Company
250 Old Country Road
Mineola, New York 11501

Edward J. Walsh, Esq.
General Attorney
Long Island Lighting Company
250 Old Country Road
Mineola, New York 11501

Mr. Thomas Burke
Project Manager
Shoreham Nuclear Power Station
P. O. Box 618
Wading River, New York 11792

Director, Technical Development Programs
State of New York Energy Office
Agency Building 2
Empire State Plaza
Albany, New York 12223

Howard L. Blau
Blau and Cohn, P.C.
380 North Broadway
Jericho, New York 11753

Irving Like, Esq.
Reilly, Like and Schneider
200 West Main Street
Babylon, New York 11702

OFFICE >						
SURNAME >						
DATE >						