



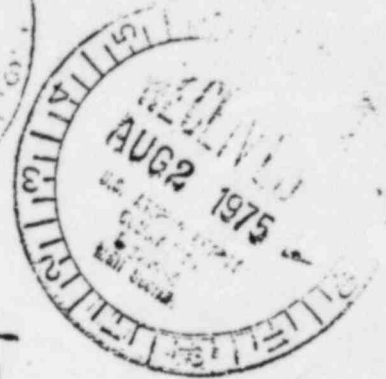
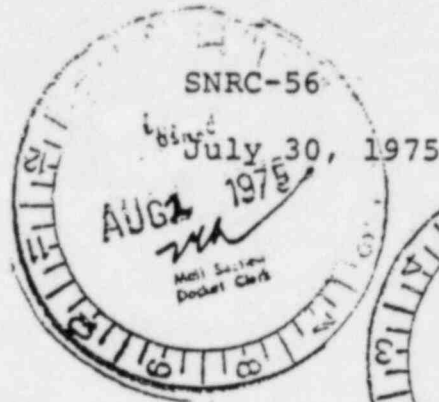
LONG ISLAND LIGHTING COMPANY

175 EAST OLD COUNTRY ROAD • HICKSVILLE, NEW YORK 11801

Regulatory

File Cy.

ANDREW W. WOFFORD
VICE PRESIDENT



Mr. J. F. Stolz, Chief
Light Water Reactors Branch 2-1
Division of Reactor Licensing
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

BWR Mark II Containment
Shoreham Nuclear Power Station - Unit 1
Docket No. 50-322

Dear Mr. Stolz:

In compliance with the schedule submitted to you as attachment A to our letter of June 3, 1975, we are forwarding under separate cover 15 sets of Shoreham suppression pool and relief valve drawings. The 12 drawings comprising each set are identified in enclosure 1 by title and figure numbers.

Additional information on the operation of the Shoreham safety relief valves is shown in enclosure 2. A more detailed description of these valves under Prompt Relief Trip (PRT) and Automatic Depressurization System (ADS) operation will be submitted in September, 1975 with our FSAR. The 11 safety relief valve discharge pipes are each centrally located in one of the 14 radial sections of the suppression pool. The seven valves assigned to ADS are located in alternate sections of the pool.

This information is provided in response to item 1, enclosure 1 of your letters of April 18 and 21, 1975.

Very truly yours,

Enclosures

Enclosure 1

SUPPRESSION CHAMBER DRAWINGS

Mechanical

- Figure 6-M-1 Composite Piping - Primary Containment - Plan
Elevation 20'-0" to 40'-0" - North
- Figure 6-M-2 Composite Piping - Primary Containment - Plan
Elevation 20'-0" to 40'-0" - South
- Figure 6-M-3 Composite Piping - Primary Containment - Plan
Elevation 40'-0" to 63'-0" - North
- Figure 6-M-4 Composite Piping - Primary Containment - Plan
Elevation 40'-0" to 63'-0" - South
- Figure 6-M-5 Composite Piping - Suppression Pool - Section 10-10
- Figure 6-M-6 Composite Piping - Suppression Pool - Section 11-11
- Figure 6-M-7 Drywell Vent Piping - Sheet 1
- Figure 6-M-8 Drywell Vent Piping - Sheet 2
- Figure 6-M-9 Drywell Vent Piping - Sheet 3
- Figure 6-M-10 Drywell Vent Piping - Sheet 4

Structural

- Figure 6-S-1 Suppression Pool Platforms - Sheet 1
- Figure 6-S-2 Suppression Pool Platforms - Sheet 2

Enclosure 2

SAFETY RELIEF VALVE OPERATION

Quantity	Discharge Size ⁽¹⁾ (inches)	Set Pressure (psig)	Capacity at 3% overpressure (lb/hr)	Actuation ⁽²⁾	
				PRT	ADS
4	10	1090	869,000	4	0
4	10	1100	876,800	4	4
3	10	1110	884,700	3	3

(1) All discharge lines increase to 12 inches immediately below drywell floor.

(2) All valves are actuated by overpressure beyond their respective set points in addition to the manual/automatic modes of actuation for those valves assigned to PRT and ADS functions.