



LONG ISLAND LIGHTING COMPANY

SHOREHAM NUCLEAR POWER STATION

P.O. BOX 618, NORTH COUNTRY ROAD • WADING RIVER, N.Y. 11792

Direct Dial Number

August 2, 1983

SNRC-943

Chief, Management Information Branch
Office of Management and Program Analyses
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Construction Status Report, NUREG 0300
Shoreham Nuclear Power Station - Unit 1
Docket No. 50-322

Dear Sir:

In response to your letter, dated October 30, 1981, we submit the attached data for the Construction Status Report, NUREG 0300, for the first quarter, ending June 30, 1983.

Very truly yours,

J. L. Smith
Manager, Special Projects

VAB/em

Attachment

cc: J. Higgins
"All Parties Listed on Attachment 1"

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PDR ADOCK 05000322
R PDR

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ATTACHMENT 1

Lawrence Brenner, Esq.
Administrative Judge
Atomic Safety and Licensing
Board Panel
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

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Atomic Safety and Licensing
Board Panel
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Washington, D.C. 20555

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State of New York
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Three Empire State Plaza
Albany, New York 12223

PLANT CHARACTERISTICS:

DOCKET NO: 05000322
 CP NO. & DATE ISSUED: CPR-95 / 04-14-73
 CP EXPIRATION DATE: 03-31-83
 APPLICANT: LONG ISLAND LIGHTING COMPANY
 PLANT LOCATION: BROOKHAVEN, NY (LI)
 IE REGION: I
 AE: STONE & WEBSTER
 NSSS: GENERAL ELECTRIC
 CONSTRUCTOR: STONE & WEBSTER
 REACTOR TYPE: BWR
 DER (MWE) 849

KEY PERSONNEL:

CORPORATE CONTACT: M. S. POLLOCK, VICE PRESIDENT
 CORPORATE ADDRESS: 175 EAST OLD COUNTRY ROAD
 HICKSVILLE, NEW YORK 11801
 CORPORATE PHONE NO: (516) 733-4013
 NRC LPM: R. CARUSO
 IE PROJECT INSPECTOR:
 IE RESIDENT INSPECTOR: J. C. HIGGINS

INSPECTION STATUS:

TIME PERIOD		
REPORT NUMBER	BEG DATE OF INSP.	END DATE OF INSP.
83-05	2/1/83	2/28/83
83-08	3/1/83	3/31/83
83-09	4/12/83	4/15/83
83-10	4/1/83	5/1/83
83-11	4/5/83	4/16/83
83-12	4/25/83	4/29/83
83-13	4/26/83	4/28/83
83-14	4/27/83	4/29/83
83-15	5/16/83	5/19/83
83-16	5/10/83	5/12/83
83-19	5/31/83	6/3/83

FUEL LOAD DATE CHANGES
AS REPORTED BY UTILITY:

REPORT DATE	NEW SCHEDULE	REASON FOR CHANGE REPORTED BY UTILITY
02-20-74	12-00-77	1. CHANGE IN AEC SEISMIC & PIPE BREAK CRITERIA RESULTED IN 2 MONTHS ADDITIONAL EFFORT IN THE INSTALLATION OF PRIMARY CONTNMT & PRV PEDESTAL. 2. DIFFICULTIES ENCOUNTERED DURING CONSTRUCTION OF PRIMARY CONTNMT WALL & RPV PEDESTAL AND IMBEDMENT FOR PIPE BREAK INSIDE CONTNMT.
11/10/75	12-00-78	LABOR STRIKES, UNAVAILABILITY OF MATERIAL, WEATHER & CONSTR. DIFFICULTIES HAVE RESULTED IN A 12 MONTH DELAY.
09-21-77	03-00-80	1. LATE DELIVERY OF PURCHASED MATERIAL (PIPING & VALVES). 2. LOWER THAN EXPECTED LABOR PRODCVTY. 3. DESIGN CHANGES DUE TO REG. REQMTS.
01-10-79	06-00-80	MANPOWER CONSTRAINTS & DESIGN PROCUREMENT PROBLEMS.
02-00-80	11-00-80	NO REASON PROVIDED.
06-19-80	05-00-82	DELAY DUE TO COMPLETION OF SYSTEMS.
06-09-81	09-00-82	DELAY DUE TO COMPLETION OF SYSTEMS.
09-30-82	02-00-83	DELAY IN SYSTEM COMPLETION DUE TO LATE MATERIAL DELIVERIES & FINAL PIPE STRS. RECONCILIATION REVIEW.
12-31-82	05-00-83	DELAY IN SYSTEM COMPLETION.
3-31-83	08-00-83	DELAY IN SYSTEM COMPLETION

LOCAL PUBLIC DOCUMENT ROOM:

SHOREHAM-WADING RIVER PUBLIC LIBRARY
 ROUTE 25A
 SHOREHAM, NEW YORK 11786

CONSTRUCTION STATUS REPORT

PAGE NO: 2-111

NUCLEAR POWER PLANTS

SHOREHAM

STATUS AS OF: 6/30/83

CONSTRUCTION STATUS:

APPLICANT'S CURRENT ESTIMATED FUEL LOADING DATE:	08-00-83	APPLICANT'S CONSTRUCTION COMPLETION ESTI-
APPLICANT'S PREVIOUS ESTIMATED FUEL LOADING DATE:	05-00-83	MATE DEFINED IN CP: EARLIEST -
APPLICANT'S ESTIMATED FUEL LOADING DATE AT CP ISSUANCE:	03-31-77	LATEST - 07-00-83
APPLICANT'S CURRENT ESTIMATED COMMERCIAL OPERATION DATE:	02-00-84	

CURRENT ESTIMATED PERCENT CONSTRUCTION COMPLETE: 98.2%

COMMENTS REGARDING CURRENT CONSTRUCTION STATUS:

	ESTIMATED START	ACTUAL START	ESTIMATED COMPLETION	ACTUAL COMPLETION	ESTIMATE % COMPLETE
MOBILIZE AND PREPARE SITE:		11-00-72		03-00-73	100 %
PLACE STRUCTURAL CONCRETE:		03-00-73		12-00-77	100 %
INSTALL REACTOR PRESSURE VESSEL:		03-00-75		12-00-75	100 %
INSTALL LARGE BORE PROCESS PIPE:		05-00-75		10-00-79	100 %
INSTALL LARGE BORE PIPE HANGERS, RESTRAINTS & SNUBBERS		07-00-75	08-31-83		99 %
INSTALL SMALL BORE PIPE:		05-00-75		09-00-82	100 %
INSTALL CABLE TRAY:		02-00-76		08-00-82	100 %
INSTALL EXPOSED METAL CONDUIT:		02-00-76	08-31-83		99.9%
INSTALL POWER, CONTROL, INSTRUMENTATION & SECURITY CABLE:		06-00-76	08-31-83		99.9%
INSTALL ELECTRICAL TERMINATIONS:		06-00-76	08-31-83		99.9%
CONDUCT REACTOR COLD HYDROSTATIC TEST:		10-00-79	10-00-79	10-00-79	100 %
CONDUCT HOT FUNCTIONAL TEST:	N/A	N/A	N/A	N/A	N/A
CONDUCT PREOP ACCEPTANCE TESTS NECESSARY FOR FUEL LOAD:		01-00-80	08-00-83		95 %