

#### LONG ISLAND LIGHTING COMPANY

SHOREHAM NUCLEAR POWER STATION
P.O. BOX 618, NORTH COUNTRY ROAD • WADING RIVER, N.Y. 11792

WILLIAM E. STEIGER, JR.
ASSISTANT VICE PRESIDENT-NUCLEAR OPERATIONS

SNRC-1716

MAY 1 4 1990

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

> Response to Generic Letter 90-01 Shoreham Nuclear Power Station - Unit 1 Docket No. 50-322

Ref: (1) Generic Letter 90-01, "Request For Voluntary Participation In NRC Regulatory Impact Survey," January 18, 1990.

(2) NUMARC letter dated February 16, 1990 to NUMARC Board of Directors from J. F. Colvin; subject: NRC Generic Letter 90-01 (with attachment, "Additional Clarifying Information to NRC Generic Letter 90-01").

#### Gentlemen:

The Long Island Lighting Company (LILCO) has reviewed Generic Letter 90-01 (reference 1) as it relates to the Shoreham Nuclear Power Station (SNPS). In accordance with the request contained in Generic Letter 90-01, LILCO submits Enclosure 1 which consists of completed questionnaires for each applicable type of operational inspection, audit or evaluation as identified.

Please be advised that in compiling the enclosure, LILCO utilized NUMARC's guidance, as described in the attachment to reference 2, to ensure that the information provided by Enclosure 1 's reasonably consistent and of the scope and depth of substituals by other licensees.

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LILCO is pleased to voluntarily participate in the Commission's Regulatory Impact Survey. If additional information or followup discussion is required, please do not hesitate to contact my office.

Very truly yours,

W. E. Steiger, Jr.

Assistant Vice President

Nuclear Operations

MP/ap Enclosure

cc: S. Brown

T. T. Martin

L. Doerflein

NUMARC

SNRC-1716 ENCLOSURE 1 PAGE 1 of 13

1.	Type of inspection, audit or evaluation	THE SAME OF THE SA
	NRC Regional and Meadquarters Inc	spections/Audits
2.	Based on actual experience over the past is this activity conducted?	t several years, about how often
	Periodically. Approximately 5-6	Inspections/Audits are held
	per year each over a 4-5 day per	iod.
3.	Operations/Construction areas covered:	Procedure review, test witnessing
	and evaluation of CILRT and local	Leak Rate Testing, Emergency
	Preparedness, QA/QC activities, r	radiation controls, physical
	security, startup test program, f	fire protection/prevention,
4.	power ascension test program.  Extent of the activity (how many people,  Typically 2 NRC Inspectors/Audito	
	Audits covered 4-5 day period.	
5.	Approximate man-hours (on an annual basimust spend in direct involvement before, activity described in Item \$1.  Division Managers  a. Plant Department-Heads— 126	(number involved) 5
	b. Plant Manager 30	
	c. Corporate Department Heads 140	(number involved) 2
	d. Corporate Vice Presidents 18	(number involved) 1
	e. Chief Nuclear Officer -	
	f. Managers or Supervisors 1431	(number involved) 23

SNRC-1716 ENCLOSURE 1 PAGE 2 of 13

B	ased on actual experience over the pas s this activity conducted?	t several years, about how often
A	pproximately 1 Routine and 1 Sp	ecial Inspection held per year
e	ach over a 5 day period *	
9	perations/Construction areas covered:	Engineering support to plant
a	nd other site organizations, tr	aining and qualification program
c	orrective actions related to QA	/QC, Emergency Preparedness,
a	ssessment of resources reduction	ns due to defueled, non-operation
R	outine Inspection - typically 3	NRC Auditors plus 1 Resident
s	outine Inspection - typically 3 pecial Inspection - typically 4 ach Inspection covered a 5 day	NRC Auditors plus 1 Resident
SEA	pecial Inspection - typically 4	NRC Auditors plus 1 Resident period  is) which the following managers
S E A	pecial Inspection - typically 4  ach Inspection covered a 5 day  pproximate man-hours (on an annual bas  ust spend in direct involvement before ctivity described in Item #1.  Division Managers	NRC Auditors plus 1 Resident period  is) which the following managers , during, and in response to the
S E A	pecial Inspection - typically 4  ach Inspection covered a 5 day  pproximate man-hours (on an annual bas  ust spend in direct involvement before ctivity described in Item #1.  Division Managers  Plant Department Heads 180  Plant Manager 34	NRC Auditors plus 1 Resident period  is) which the following managers , during, and in response to the
S E A A a a a b .	pecial Inspection - typically 4  ach Inspection covered a 5 day  pproximate man-hours (on an annual bas  ust spend in direct involvement before ctivity described in Item #1.  Division Managers Plant Department Heads 180  Plant Manager 34  Corporate Department Heads 50	NRC Auditors plus 1 Resident period  is) which the following managers , during, and in response to the  (number involved) 5
S E A A a a b . c .	pecial Inspection - typically 4  ach Inspection covered a 5 day  proximate man-hours (on an annual bas  ust spend in direct involvement before ctivity described in Item #1.  Division Managers  Plant Department Heads 180  Plant Manager 34  Corporate Department Heads 50  Corporate Vice Presidents 10	NRC Auditors plus 1 Resident period  is) which the following managers , during, and in response to the  (number involved) 5

<sup>\*</sup> In 1989, Shoreham had an ORAT Inspection which covered a 17 day period. This was not used in determining the frequency or length of team inspections. ORAT Inspection is covered on a separate sheet.

SNRC-1716 ENCLOSURE 1 PAGE 3 of 13

-N	IRC Resident Inspector Inspectio	ns/Audits
Be	ased on actual experience over the pass s this activity conducted?	st several years, about how often
C	ontinuously. Approximately six	(6) reports/yr are issued
<u>e</u>	ach covering an approximate 2 m	onth period.
0;	perations/Construction areas covered:	Plant operations, radiologica
P	rotection, security, plant even	ts, maintenance, surveillances,
0	utage activities, reports to NR	C, testing, modifications,
c	ommittee activities, License Co	nditions.
Ex	stent of the activity (how many people	, for how long)
	proximate man-hours (on an annual bas ast spend in direct involvement before	is) which the following managers
Ap	proximate man-hours (on an annual bas ast spend in direct involvement before tivity described in Item #1.	is) which the following managers , during, and in response to the
	proximate man-hours (on an annual bas ast spend in direct involvement before tivity described in Item #1. Plant Division Managers Plant Department Heads 126	is) which the following managers
App But	proximate man-hours (on an annual bas ast spend in direct involvement before tivity described in Item #1. Plant Division Managers Plant Department Heads 126	is) which the following managers , during, and in response to the
App mu ac	proximate man-hours (on an annual bas ast spend in direct involvement before tivity described in Item #1. Plant Division Managers Plant Department Heads 126 Plant Manager 48 Corporate Department Heads 62	is) which the following managers, during, and in response to the  (number involved) 5
Apma ac a. b. c.	proximate man-hours (on an annual bas ast spend in direct involvement before tivity described in Item \$1. Plant Division Managers Plant Bepartment Heads 126 Plant Manager 48 Corporate Department Heads 62 Corporate Vice Presidents 24	is) which the following managers , during, and in response to the  (number involved) 5

SNRC-1716 ENCLOSURE 1 PAGE 4 of 13

NRC ORAT Inspection	
Based on actual experience over the past is this activity conducted?	several years, about how often
Once. Inspection covered a period	of 17 days.
Operations/Construction areas covered: _	
All areas of operational readiness	in preparation of issuance
of full power license.	
a 17 day period.	
Approximate man-hours (on an annual basis must spend in direct involvement before, of activity described in Item #1.  Division Managers  Plant Department Heads 220  Plant Manager 44	which the following managers during, and in response to the (number involved) 5
. Corporate Department Heads 100	
· corporate repartment neads 100	(number involved) 2
	(number involved) 2 (number involved) 1

SNRC-1716 ENCLOSURE 1 PAGE 5 OF 13

Based on actual experience over the pa	est several years, about how often
is this activity conducted?	De develor years, about 100 often
Approximately 19 Audits/year are	e conducted each over a 6 day
period	
Operations/Construction areas covered:	HP & ALARA Programs, Maintena
Radiochemistry, Radiographic Ope	erations Safety Program, ISI/IS
Purchasing and Materials Control	l, Control of Hazardous Materia
Fitness for Duty, Radwaste Progr	ram. Records Management
Extent of the activity (how many people	
Extent of the activity (how many people 4 Auditors/Audit - 6 days/Audit  Approximate man-hours (on an annual ba	e, for how long)
Extent of the activity (how many people  4 Auditors/Audit - 6 days/Audit  Approximate man-hours (on an annual ba	e, for how long)
Approximate man-hours (on an annual banactivity described in Item #1.	e, for how long)
Approximate man-hours (on an annual banust spend in direct involvement before activity described in Item #1.	sis) which the following managers e, during, and in response to the
Approximate man-hours (on an annual bamust spend in direct involvement before activity described in Item #1.  Plant Department-Heads 893  Plant Manager 152	sis) which the following managers e, during, and in response to the
Approximate man-hours (on an annual bamust spend in direct involvement beforeactivity described in Item \$1.  a. Plant Department Heads  b. Plant Manager 152	e, for how long)  sis) which the following managers e, during, and in response to the  (number involved)  5

SNRC-1716 ENCLOSURE 1 PAGE 6 of 13

Type of inspection, audit or evaluation LILCO - NRB Audits (as per NRC re	
Based on actual experience over the passis this activity conducted?	t several years, about how often
Approximately 12 Audits/yr. are c	onducted each over a 7 day
period.	
Operations/Construction areas covered:	Corrective Actions, REMP &
NON-REMP, Fire Protection, ODCM &	Effluent Monitoring, Personne
Training and Qualifications, Secu	rity Program, NQA, Radwaste/PC
Tech. Specs., & Emergency Plannin	q
Approximate man-hours (on an annual bas must spend in direct involvement before activity described in Item #1.	is) which the following managers , during, and in response to the
Division Managers	
a. Plant Department Reads 600	(number involved) 5
b. Plant Manager 96	
c. Corporate Department Heads 90	
LOCATION SHOWS THE RESERVE AND ADDRESS OF THE PARTY OF TH	(number involved) 2
d. Corporate Vice Presidents 18	(number involved) 2 (number involved) 1
d. Corporate Vice Presidents 18 e. Chief Nuclear Officer -	

SNRC-1716 ENCLOSURE 1 PAGE 7 of 13

Type of inspection, audit or evaluation	
INPO Plant Evaluation Jan. 13-17,	1986
Corp. Evaluation Feb. 17-21, 1986	
Based on actual experience over the pas is this activity conducted?	st several years, about how often
Approximately every 18-24 months	
Operations/Construction areas covered:	
All Plant Operations and Technica	1 Support Organizations
Extent of the activity (how many people	, for how long) Nine (9)
	, for how long) Nine (9)
Approximate man-hours (on an annual bas must spend in direct involvement before activity described in Item #1.  Division Managers	is) which the following managers
Approximate man-hours (on an annual bas must spend in direct involvement before activity described in Item #1.  Division Managers a. Plant Department Heads 600	is) which the following managers, during, and in response to the
Approximate man-hours (on an annual bas must spend in direct involvement before activity described in Item \$1.  Division Managers a. Plant Department Heads 600 b. Plant Manager 250	is) which the following managers, during, and in response to the
Approximate man-hours (on an annual bas must spend in direct involvement before activity described in Item #1.  Division Managers a. Plant Department Heads 600 b. Plant Manager 250 c. Corporate Department Heads 72 d. Corporate Vice Presidents 10	is) which the following managers, during, and in response to the
Approximate man-hours (on an annual bas must spend in direct involvement before activity described in Item #1.  Division Managers a. Plant Department Heads 600 b. Plant Manager 250 c. Corporate Department Heads 72	is) which the following managers, during, and in response to the  (number involved) 5

SNRC-1716 ENCLOSURE 1 PAGE 8 of 13

T	ype of inspection	n, audit or	evaluation:	-	THE RESIDENCE OF THE PERSON ASSESSMENT	
1	nspection of	Plant Faci	lities for	Liabili	ty Insur	ance Carrier
a.	ased on actual es this activity	mperience over	er the past	several ye	ars, about	how often
1	every 2 year	s because	of our shu	t-down c	ondition	
9	perations/Constr	oction areas	covered:			
A	11 of plant f	acilities				
-						
 Ex	stent of the acti	vity (how ma	any people,	for how lo	ng)	
	tent of the acti					
2	Inspectors fo	or 1 or 2	days; 4 ut	ility per	sonnel f	or duration
2		or 1 or 2	days; 4 ut	ility per	sonnel f	or duration
2 0	Inspectors for inspection.  proximate man-houst spend in directivity described	ours (on an a sect involvement)	annual basis	) which the	e following in respon	or duration
2 0 At m.	Inspectors for inspection.  proximate man-houst spend in directivity described Division Plant Department	ours (on an act involvement fin Item #1.	annual basis	) which the	sonnel f	or duration
2 <u>0</u> Ar ac a. b.	Inspectors for inspection.  proximate man-houst spend in directivity described  Division Plant Department	or 1 or 2 or 2 or 1 or 1	annual basis	) which the	e following in respons	g managers nse to the
2 <u>0</u> A. A. a. b. c.	Inspectors for inspection.  proximate man-houst spend in directivity described Division Plant Department Plant Manager_ Corporate Department	or 1 or 2 or 2 or 1 or 1	annual basis ent before,	) which the	e following in respon	g managers nse to the
2 <u>0</u> A. A. a. b. c.	Inspectors for inspection.  proximate man-houst spend in directivity described  Division Plant Department	or 1 or 2 or 2 or 1 or 1	annual basis ent before,	) which the during, and (number	e following in respons	g managers nse to the
2 0 A 1 a. b. c. d.	Inspectors for inspection.  proximate man-houst spend in directivity described Division Plant Department Plant Manager_ Corporate Department	or 1 or 2 or 2 or 1 or 1	annual basis ent before,	) which the during, and (number	e following in response involved	g managers nse to the

SNRC-1716 ENCLOSURE 1 PAGE 9 of 13

is t	d on act	tual exp	erience nducted	cver th	ne past	several	year	s, abou	nt ho	w often
Twi	ice per	year								
			•							
Oper	rations,	Construc	tion are	eas cove	ered: _					
Pla	ant an	d all i	nsured	buildi	ings pl	us Gas	Tur	bine H	Faci	lity on
sit	ce.									
		the activ								or 2½ da
										or 2½ da
App.	roximate spend ivity d	e man-hou in direc	rs for ars (on a ct involv	an annuverent l	al basis	tility	per	following following for the state of the sta	l fo	MANAGER
App.	roximate spend ivity d	e man-hou	rs for ars (on a ct involv	an annuverent l	al basis	) which during,	per the and	following following for the state of the sta	l fo	anagers to the
App.	roximate spend ivity d	e man-hou in direc	rs for er involvin Item	an annuverent l	al basis	) which during,	per the and	followi	l fo	anagers to the
App.	roximate spend ivity d	e man-hou in direct escribed Divisio	rs (on a transfer in Item	an annuvement   01. gers <sub>2</sub>	al basis before,	) which during,	the and	followi	l fo	anagers to the

SNRC-1716 ENCLOSURE 1 PAGE 10 of 13

Type of inspection, audit or evaluati	di. Boiler and Machinery Insp
for Property Damage Insurance (	Carrier
Based on actual experience over the p is this activity conducted?	past several years, about how often
Twice per year	
Operations/Construction areas covered	
Plant and Gas Turbine facility	
Extent of the activity (how many peop.	le, for how long)
Extent of the activity (how many peop	
1 Inspector for 1 or 2 days	
1 Inspector for 1 or 2 days 4 Utility Personnel for 1 day  Approximate man-hours (on an annual bounds spend in direct in Jolvement befor activity described in Item #1.	asis) which the following managers re, during, and in response to the
Approximate man-hours (on an annual because spend in direct in Jolvement befor activity described in Item #1.  Division Managers  Plant Department Heads 4	asis) which the following managers re, during, and in response to the
1 Inspector for 1 or 2 days 4 Utility Personnel for 1 day  Approximate man-hours (on an annual bounds spend in direct in Jolvement befor activity described in Item #1.	asis) which the following managers re, during, and in response to the
Approximate man-hours (on an annual bounds spend in direct in volvement befor activity described in Item #1.  Division Managers  Plant Department Heads 4	asis) which the following managers re, during, and in response to the
Approximate man-hours (on an annual bounds spend in direct involvement befor activity described in Item #1.  Division Managers  Plant Department Heads  Plant Manager -	asis) which the following managers re, during, and in response to the
Approximate man-hours (on an annual bounds spend in direct in volvement befor activity described in Item #1.  Division Managers  Plant Department Heads  Plant Manager  Corporate Department Heads  1	asis) which the following managers re, during, and in response to the  (number involved) 1

SNRC-1716 ENCLOSURE 1 PAGE 11 of 13

Facility by	Town of Brookhaven	zardous Materials Drum Storage Fire Marshal
Based on actual is this activit	experience over the p y conducted?	ast several years, about how often
once each ye	ar	
Operations/Cons	truction areas covered	
Hazardous Ma	terials Drum Storag	ge Facility
2 Inspectors 5 Utility Per	rsonnel for 3 day	
Approximate man- must spend in di activity describ	irect involvement befor	asis) which the following managers re, during, and in response to the
Divi	sion Managers	(number involved) 1
	r	
b. Plant Manage	er epartment Heads_2	(number involved) 1
b. Plant Manage		(number involved) 1 (number involved) -
b. Plant Manage c. Corporate De d. Corporate Vi	epartment Heads 2	

SNRC-1716 ENCLOSURE 1 PAGE 12 of 13

PDES Permit Compliance	- NYS DEC
eased on actual experience over this activity conducted?	er the past several years, about how off
4 times a year	
Suffolk County personnel	contract for NYS DEC
Operations/Construction areas	covered:
Outfalls of SPDES Permit	
	<b>的复数形式 医多种性 医多种性 医多种性 医多种性 医多种性 医</b>
usually 1 sometimes 2	
usually 1 sometimes 2	
must spend in direct involvement activity described in Item #1.	annual basis) which the following manage ant before, during, and in response to
usually 1 sometimes 2  LILCO personnel - usually  Approximate man-hours (on an a	annual basis) which the following manage ant before, during, and in response to
Approximate man-hours (on an amust spend in direct involvement activity described in Item #1.	annual basis) which the following manage ant before, during, and in response to
Approximate man-hours (on an activity described in Item #1.  Division Managers  a. Plant Department Heads	annual basis) which the following management before, during, and in response to the second of the se
Approximate man-hours (on an amust spend in direct involvement activity described in Item 11.  Division Managers  Division Managers  Division Managers  Division Managers  Division Managers	annual basis) which the following manage ant before, during, and in response to the second of the se
Approximate man-hours (on an a must spend in direct involveme activity described in Item 11.  Division Managers  Division Managers	annual basis) which the following management before, during, and in response to the following management before, during, and in response to the following management before, during, and in response to the following management before, during, and in response to the following management before, during, and in response to the following management before, during management before, during, and in response to the following management before, during, and in response to the following management before, during, and in response to the following management before, during, and in response to the following management before, during, and in response to the following management before, during, and in response to the following management before, during, and in response to the following management before, during, and in response to the following management before, during and in response to the following management before, during a following management before involved).

# GUESTIONAIRE SHEET

SNRC-1716 ENCLOSURE 1 PAGE 13 of 13

	placement of spoils - by NYS DEC
Bar is	this activity conducted?
	take Canal, Wading River Creek and beaches to be nourished
ex	tent of the activity (how many people, for how long)
nu	proximate man-hours (on an annual basis) which the following managers st spend in direct involvement before, during, and in response to the tivity described in Item #1.
ac a.	st spend in direct involvement before, during, and in response to the tivity described in Item #1.  Division Managers  Plant Bepartment-Reads— 16 (number involved) 1
ac a.	st spend in direct involvement before, during, and in response to the tivity described in Item #1.  Division Managers
a. b.	st spend in direct involvement before, during, and in response to the tivity described in Item #1.  Division Managers Plant Beparement-Reads— 16 (number involved) 1
a. b.	st spend in direct involvement before, during, and in response to the tivity described in Item #1.  Division Managers [Plant Bepartment Beads 16] [Number involved] 1  Plant Manager [Ourport involved] 1  Corporate Department Beads 10 [Number involved] 1
a. b.	st spend in direct involvement before, during, and in response to the tivity described in Item #1.  Division Managers Plant Bepartment-Reads— 16 (number involved) 1  Plant Manager —  Corporate Department Reads 10 (number involved) 1