

Facility Name (Location if different)

NAME LOUISIANA POWER & LIGHT COMPANY
ADDRESS R.S. LEDDICK ATTN: C.D. GROOME
----- 142 DELARONDE STREET
----- NEW ORLEANS, LA 70174
FACILITY WATERFORD 3 SES
LOCATION KILLONA, LA 70066

FINAL EFFLUENT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(12-16)

(17-19)

LA0007374

PERMIT NUMBER

001

DISCHARGE NUMBER

F - FINAL LIMITS
 ONCE-THRU COOLING WATER

Form approved
 CMB No. 2000-07-14
 Expires 2-2-86

OCTOBER 1985

MONITORING PERIOD							
YEAR			MO			DAY	
FROM	85	10	01	TO	85	10	31
	(12-11)	(12-11)	(12-11)		(12-11)	(12-11)	(12-11)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(1 Card Only) QUANTITY OR LOADING (40-53)			(4 Card Only) QUALITY OR CONCENTRATION (58-63)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
TEMPERATURE, WATER DEG. FAHRENHEIT 00011 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	92.5	100.6	0	CONT	RECORD
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	0	CONT	RECORD
THERMAL DISCHARGE MILLION BTUS PER HR 00015 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	8.49x10 ³	MBTU/ HR	*****	*****	*****	0	CONT	RECORD
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	0	CONT	RECORD
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	1123	1440	MGD	*****	*****	*****	0	CONT	RECORD
	PERMIT REQUIREMENT	*****	1518	*****	*****	*****	*****	0	CONT	RECORD
CHLORINE, FREE AVAILABLE 50064 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	NOT MEASURED (NM)*	NM	LBS/DY	*****	*****	NM	0	1/7-0	GRAB
	PERMIT REQUIREMENT	*****	502	*****	*****	*****	*****	0	1/7-0	GRAB
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

R.P. Barkhurst
 Plant Manager-Nuclear

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED
 AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED
 ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR
 OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION
 IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIG-
 NIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING
 THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 33 USC § 1001 AND
 33 USC § 1345. Signatures under these statutes may include false information
 and/or maximum imprisonment of between 6 months and 5 years.

R.P. Barkhurst

SIGNATURE OF PRINCIPAL EXECUTIVE
 OFFICER OR AUTHORIZED AGENT

TELEPHONE

504 464-3120 85 11 15
 MONTH YEAR

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

* No chlorination occurred this month.

8512090080 851115
 PDR ADOCK 05000382
 R PDR

PERMITTEE NAME/ADDRESS (Include
Facility Name/location if different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
Oct 1984 700007

NAME LOUISIANA POWER & LIGHT COMPANY
ADDRESS R.S. LEDDICK ATTN: C.D. GROOME
142 DELARONDE STREET
NEW ORLEANS, LA 70174
FACILITY WATERFORD 3 SES
LOCATION KILLONA, LA 70066

LA0007374
PERMIT NUMBER

01A
DISCHARGE NUMBER

F - FINAL LIMITS
WASTE MGT SYS & WASTEWATER TREATMENT

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
85	10	01	85	10	31
(20 21)	(12 21)	(24 21)	(20 21)	(12 21)	(31 21)

OCTOBER 1985

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(1 Card Only) QUANTITY OR LOADING (46-51)			(4 Card Only) QUALITY OR CONCENTRATION (46-51)			NO. EX (46-49)	FREQUENCY OF ANALYSIS (50-53)	SAMPLE TYPE (54-57)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
2.4	SAMPLE MEASUREMENT	*****	*****	*****	6.0	*****	6.7	0	1/B-19	GRAB
00400 1 0	PERMIT REQUIREMENT	*****	*****	*****	6.0	*****	9.0	SU	SEE	GRA
EFFLUENT GROSS VALUE					MINIMUM		MAXIMUM		PERMIT	
SOLIDS, TOTAL	SAMPLE MEASUREMENT	*****	*****	*****	*****	4.6	16	0	1/B-19	GRAB
SUSPENDED	PERMIT REQUIREMENT	*****	*****	*****	*****	30	100	0	SEE	GRAB
00530 1 0						DAILY AV	DAILY MX		PERMIT	
EFFLUENT GROSS VALUE										
OIL AND GREASE	SAMPLE MEASUREMENT	*****	*****	*****	*****	3.2	15	0	1/B-19	GRAB
(SOLUBLE EXTR.) TOT.	PERMIT REQUIREMENT	*****	*****	*****	*****	15	20	0	SEE	GRAB
00550 1 0						DAILY AV	DAILY MX		PERMIT	
EFFLUENT GROSS VALUE										
SURFACTANTS	SAMPLE MEASUREMENT	*****	*****	*****	*****	<0.23	2.5	0	1/B-20*	GRAB
(MBAS)	PERMIT REQUIREMENT	*****	*****	*****	*****	30	30	0	SEE	GRAB
00200 1 0						DAILY AV	DAILY MX		PERMIT	
EFFLUENT GROSS VALUE										
FLOW, IN CONDUIT OR	SAMPLE MEASUREMENT	0.0074	0.0141		*****	*****	*****	0	DAILY	RECORD
THRU TREATMENT PLANT	PERMIT REQUIREMENT	.0288	*****	MGD	*****	*****	*****	0	DAILY	RECORD
50000 1 0		DAILY AV	DAILY MX							
EFFLUENT GROSS VALUE										
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED
AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED
ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR
OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION
IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIG-
NIFICANT PENALTIES FOR FURNISHING FALSE INFORMATION INCLUDING
THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC 1001 AND
33 USC 1311. Penalties under these statutes may include fines up to \$10,000
and a maximum imprisonment of between 6 months and 5 years.

R.P. Barkhurst
SIGNATURE OF PRINCIPAL EXECUTIVE
OFFICER OR AUTHORIZED AGENT

TELEPHONE

504 464-3120 85 11 15
NUMBER YEAR MO DA

R.P. Barkhurst
Plant Manager-Nuclear
TYPED OR PRINTED

THAT THERE ARE NO DISCHARGES OF FLOATING SOLIDS OR VISIBLE FOAM EXCEPT IN TRACE AMOUNTS.

* 20 discharges were made from the Waste Management System in October, one was through outfall 01B.

SEE DISCHARGE MONITORING REPORT FOR ANALYSES OF ALL DISCHARGES FOR ALL POLLUTANTS.

LOUISIANA POWER & LIGHT COMPANY
A.S. MEDDICK ACTN: C.D. GROOMER
NEW ORLEANS, LA 70174
NEW ORLEANS, LA 70174
NEW ORLEANS, LA 70174
NEW ORLEANS, LA 70174

OCTOBER 1985

DISCHARGE NUMBER	415100047
PERMIT NUMBER	870

MONITORING PERIOD					
FROM		TO			
YEAR	MO	DAY	YEAR	MO	DAY
85	10	01	85	10	31
(19 21)	(12 24)	(14 26)	(19 21)	(12 24)	(14 26)

NOTE: Read instructions before completing this form.

[illegible]

R. P. Barkhurst

Plant Manager-Nuclear

TYPE 3 OR PRINTED

OFFICE OR AUTHORIZED AGENT

Facility Name/Location (if different)

NAME: LOUISIANA POWER & LIGHT COMPANY
 ADDRESS: R.S. LEDDICK ATTN: C.D. GROOME
 141 DELARONDE STREET
 NEW ORLEANS, LA 70174
 FACILITY: WATERFORD 3 SES
 LOCATION: KILLONA, LA 70066

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)

(2-16) LA0007374
 PERMIT NUMBER
 (17-19) UIC
 DISCHARGE NUMBER

F - FINAL LIMITS
 PRETREATMENT FILTER FLUSH WATER

Form Approved
 OMB No. 2040-000
 Expires 2-29-84

MONITORING PERIOD
 FROM 85 10 01 TO 85 10 31
 (10-11) (11-13) (14-15) (16-17) (18-19) (20-31)

OCTOBER 1985

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
PH	SAMPLE MEASUREMENT	*****	*****	*****	7.1	*****	*****	0	1/7-5	GRAB
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	MINIMUM	*****	*****	0	WEEKLY	GRAB
ALKALINITY, TOTAL (AS CaCO3)	SAMPLE MEASUREMENT	<1.0	<1.0	LBS/DY	*****	*****	*****	0	1/7-5	GRAB
00410 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	DAILY AV	DAILY MX	LBS/DY	*****	*****	*****	0	WEEKLY	GRAB
SOLIDS TOTAL SUSPENDED	SAMPLE MEASUREMENT	12	25	LBS/DY	*****	*****	*****	0	1/7-5	GRAB
00530 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	DAILY AV	DAILY MX	LBS/DY	*****	*****	*****	0	WEEKLY	GRAB
TOTAL ORGANIC CARBON (TOC)	SAMPLE MEASUREMENT	5.8	15	LBS/DY	*****	*****	*****	0	1/7-5	GRAB
00600 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	DAILY AV	DAILY MX	LBS/DY	*****	*****	*****	0	WEEKLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.145	0.750	MGD	*****	*****	*****	0	DAILY	RCORDR
50050 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	30DA AVG	DAILY MX	MGD	*****	*****	*****	0	DAILY	RCORDR
CLARIFYING AGENT USED	SAMPLE MEASUREMENT	0.32	*****	GPD						
	PERMIT REQUIREMENT	*****	*****							
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

R.P. Barkhurst
 Plant Manager-Nuclear
 TYPE ON PRINT

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREON AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR FURNISHING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 33 USC § 1325 AND 33 USC § 1326. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE
 OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

504 464-3120 85 11 15
 AREA CODE NUMBER YEAR MO DAY

PERMIT AND FACILITY ARE TO BE MAINTAINED IN A MANNER THAT PREVENTS SOLIDS OR VISIBLE FOAM EXCEPT IN TRACE AMOUNTS.
 USE PHENOLPHTHALEIN TO TEST ALKALINITY.
 REPORT THE DAILY AVG OF CLARIFYING AGENTS USED.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NAME LOUISIANA POWER & LIGHT COMPANY
ADDRESS R.S. LEDDICK ATTN: C.D. GROOME
142 DELARONDE STREET
NEW ORLEANS, LA 70174
FACILITY WATERFORD 3 SES
LOCATION KILLONA, LA 70066

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)
(2-16) (2-19)

LA0007374
PERMIT NUMBER

010
DISCHARGE NUMBER

F - FINAL LIMITS
FLOOR DRAINAGE (YARD SEPARATION)

Form Approved
OCT 1984-0004
EPA 823-B-84-001

MONITORING PERIOD
FROM 85 10 01 TO 85 10 31
(10-1) (10-1) (10-1) (10-1) (10-1) (10-1)

STEAM GENERATOR BLOWDOWN
OCTOBER 1985

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(1 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (58-65)			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
PH	SAMPLE MEASUREMENT	*****	*****	*****	NO DISCHARGE (ND)	*****	ND	0	1/7-0	GRAB
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	6.0 MINIMUM	*****	9.0 SU MAXIMUM		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****	*****	*****	ND	ND	0	1/7-0	GRAB
00530 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	30 DAILY AV	100 MGD DAILY		DAILY	RECORD
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	ND	ND	MGD	*****	*****	*****	0	DAILY	RECORD
50050 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	0.435	0.908	MGD	*****	*****	*****		DAILY	RECORD
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

R.P. Barkhurst
Plant Manager-Nuclear
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREON AND BASED ON MY KNOWLEDGE OF THESE INDIVIDUALS I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR PROVIDING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 33 USC § 1361 AND 33 USC § 1362. Penalties under these statutes may include fines up to \$10,000 and/or imprisonment of between 6 months and 5 years.

R.P. Barkhurst
SIGNATURE OF PRINCIPAL EXECUTIVE
OFFICER OR AUTHORIZED AGENT

TELEPHONE DATE

504 464-3120 85 11 15

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

LOUISIANA POWER & LIGHT COMPANY
R.S. LEDDICK ATTN: C.D. GROOME
142 DELARONDE STREET
NEW ORLEANS, LA 70174
FACILITY: WINFORD 3 SES
LOCATION: KILLONA, LA 70066

LA0007574
PERMIT NUMBER

003
DISCHARGE NUMBER

F - FINAL LIMITS
SERVICE BLDG FLOOR DRAINAGE

OCTOBER 1985

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
85	10	01	85	10	31
(12-21)	(12-24)	(12-25)	(12-27)	(12-29)	(12-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
PA	SAMPLE MEASUREMENT	*****	*****	*****	6.5	*****	8.0	0	1/7-5	GRAB
00400 1 0	PERMIT REQUIREMENT	*****	*****	*****	6.0	*****	9.0		WEEKLY	GRAB
EFFLUENT GROSS VALUE					MINIMUM		MAXIMUM			
SOLIDS, TOTAL	SAMPLE MEASUREMENT	*****	*****	*****	*****	10	26	0	1/7-5	GRAB
SUSPENDED	PERMIT REQUIREMENT	*****	*****	*****	*****	30	100		WEEKLY	GRAB
00530 1 0						DAILY AV	DAILY MX			
EFFLUENT GROSS VALUE										
OIL AND GREASE	SAMPLE MEASUREMENT	*****	*****	*****	*****	2.8	10	0	1/7-5	GRAB
(SOXHLET EXTR.) TOT	PERMIT REQUIREMENT	*****	*****	*****	*****	15	20		WEEKLY	GRAB
00550 1 0						DAILY AV	DAILY MX			
EFFLUENT GROSS VALUE										
LOW, IN CONDUIT OR	SAMPLE MEASUREMENT	<0.001	<0.001		*****	*****	*****	0	DAILY	RCORDE
THRU TREATMENT PLANT	PERMIT REQUIREMENT	.05	.05	MGD	*****	*****	*****		DAILY	RCORDE
50050 1 0		30DA AVG	DAILY MX							
EFFLUENT GROSS VALUE										
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

R.P. Barkhurst
Plant Manager-Nuclear

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREON AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 33 USC § 1901 AND 33 USC § 1904. (Penalties under these statutes may include fines up to \$10,000 and maximum imprisonment of between 6 months and 5 years.)

R.P. Barkhurst

SIGNATURE OF PRINCIPAL EXECUTIVE
OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

504
AREA
CODE

464-3120
NUMBER

85
YEAR

11
MO

15
DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all violations here)

THERE SHALL BE NO DISCHARGE OF FLOATING SOLIDS OR VISIBLE FOAM EXCEPT IN TRACE AMOUNTS.