



**LOUISIANA**  
POWER & LIGHT

142 DELARONDE STREET • P.O. BOX 8008  
NEW ORLEANS, LOUISIANA 70174-8008 • (504) 386-2345

March 12, 1985

W3P85-0641  
3-A25.01.02  
A4.10

Mr. Myron O. Knudson, P.E.  
Director, Water Management Division  
Environmental Protection Agency  
Region VI  
First International Building  
1201 Elm Street  
Dallas, Texas 75270

SUBJECT: Waterford Steam Electric Station  
Unit Number 3  
NPDES Permit No. LA 0007374

Dear Mr. Knudson:

On February 27, 1985, the TSS concentration at outfall 004 was 70 mg/l, which exceeded our permit limitation of 45 mg/l. We became aware of this noncompliance when telephoned by our contract laboratory on March 6, 1985. We are not certain of the cause of this excursion. Investigation of the situation has indicated that solids levels in the plant are slightly elevated and flows have been extremely low, but that the BOD<sub>5</sub> concentration is within compliance levels; so treatment is being effected. In addition to normal maintenance activities, personnel are paying particular attention to plant conditions, and sludge will be removed to reduce overall solids levels. It is anticipated that if this outfall has not already returned to compliance, it will do so by March 13, 1985, the next scheduled sampling day.

On March 6, 1985, the pH at outfall 003 was 5.4 SU, which was below the permitted range of 6-9 SU. We became aware of this noncompliance on March 6, 1985 when collecting the weekly sample for this outfall. We attribute this noncompliance to substances entering the oil/water separator through floor drains in the Service Building. Personnel working in the building have been reminded about proper disposal procedures for cleaning solutions, and a caustic solution was added to the system to raise the pH to the appropriate level. It is expected that the outfall returned to compliance within a day of the excursion.

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PDR ADOCK 05000358  
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Mr. M.O. Knudson  
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Should you wish to discuss this matter further, please contact Chadi Groome  
of our Nuclear Licensing Office at (504) 595-2846.

Very truly yours,

*L.A. Stork for RPB 3/8/85*

R.P. Barkhurst  
Plant Manager-Nuclear

RPB/CDG/ch

cc: J. Dale Givens - LA DEQ  
US NRC - R.D. Martin - Region IV  
G.W. Knighton - NRE

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

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

For 1984  
OMB No. 2040-0001  
Expires 2-29-84

NAME LAURENCE ENERGY SERVICES  
ADDRESS 10000 W. 10TH AVE. DENVER, CO 80202  
FACILITY LAURENCE ENERGY SERVICES  
LOCATION LAURENCE ENERGY SERVICES

(2-16) LAURENCE (17-19) 10000  
PERMIT NUMBER DISCHARGE NUMBER

F - FINAL LIMITS  
ON-SITE OFFICES DISCHARGE

MONITORING PERIOD  
FROM YEAR 85 MO 1 DAY 01 TO YEAR 85 MO 02 DAY 28  
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53) (54-61)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
DO, 1-DAY		0.14	0.23		*****	29	40		0	1/7-4	GRAB
		1.0	2.1	LB/UY	*****	30	45			WEEKLY	GRAB
		DAILY AV	DAILY MX			DAILY AV	DAILY MX				
PH		*****	*****	*****	7.0	*****	8.4		0	1/7-4	GRAB
		*****	*****	*****	0.0	*****	9.0			WEEKLY	GRAB
					MINIMUM		MAXIMUM				
SOLIDS, TOTAL SUSPENDED		0.21	0.19		*****	25	30		0	1/7-4	GRAB
		1.0	2.1	LB/UY	*****	30	45			WEEKLY	GRAB
		DAILY AV	DAILY MX			DAILY AV	DAILY MX				
FLUORIDE, TOTAL		<0.001	0.002		*****	*****	*****	*****	0	DAILY	RECORD
		*****	*****	MG/L	*****	*****	*****	*****		DAILY	RECORD
		3000 AV	DAILY MX								

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 SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. 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  
DATE 85 03 15  
AREA CODE NUMBER YEAR MO DAY

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