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 FACIL: 50-389 St. Lucie Plant, Unit 2, Florida Power & Light Co. 05000389
 AUTH. NAME AUTHOR AFFILIATION
 CONWAY, W.F. Florida Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Discharge monitoring rept for May 1988. W/880815 ltr.

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

NAME FL PWR & LT - ST LUCIE
 ADDRESS ENVIRONMENTAL AFFAIRS
PO BOX 14000
JUNO BEACH FL 33408

FACILITY _____
 LOCATION _____
 ATTN: T. R. FAIR

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

FLO002208
 PERMIT NUMBER

001 1
 DISCHARGE NUMBER

F - FINAL
 COND & AUX COOLING WATER

Form Approved 63
 OMB No. 2040-0004
 Expire 3-31-88

MONITORING PERIOD

FROM YEAR 88 MO 05 DAY 01 TO YEAR 88 MO 05 DAY 31
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

MAJOR (SUBR JA)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (46-53)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	1474.01	1477.44		*****	*****	*****		0	Hourly	Pump Log
	PERMIT REQUIREMENT	REPORT	REPORT	MGD	*****	*****	*****	****		HOURLY	PHMLOG
CHLORINATION 50068 R 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	*****		*****	*****	110		0	Daily	P Log
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	120 MIN/ INST MX DAY			DAILY	PHMLOG
CHLORINATION 50068 S 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	*****		*****	*****	220*		1	Daily	Pmp Log
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	120 MIN/ INST MX DAY			DAILY	PHMLOG
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
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	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		8808190215 880531 PDR ADOCK 05000389 R PDC									
W.S. Conway V.P. Nuclear Energy		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.									
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		TELEPHONE		DATE					
		407 465-3550		88 06 10							

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) * - See attached letter of explanation
 P=AUXILIARY, Q=CONDENSER DISCHARGE, R=UNIT 1, S=UNIT 2. BORON MONITORING REQUIRED WHEN BATC H DISCHARGES FROM REFUELING WATER STORAGE TANK AND NONAERATED WATER HOLDING TANK.

The following information is a written follow-up to a telephone report of a non-compliance event which occurred at the St. Lucie Plant Discharge Serial Number 001A on May 4, 1988. Karen Buerki of the EPA was given this information on May 5, 1988 by Ron Hix of Florida Power & Light Company's Environmental Affairs Department.

Unit 1 intake well is routinely chlorinated for 120 minutes in the morning, and Unit 2 intake well is chlorinated for 120 minutes in the afternoon. On May 4, 1988 the routine was changed to reverse the order of chlorination. Unit 2 was correctly chlorinated at 8:45 a.m. However, the afternoon shift was not adequately informed of the change and they also chlorinated Unit 2 at 5:35 p.m. Thus, Unit 2 was chlorinated for 240 minutes which exceeds the 120 minute/day maximum limit stated in the NPDES permit. Unit 1 was not chlorinated at all so no more residual chlorine than normal was discharged to the common discharge canal. No adverse effect to the environment was observed.

To prevent missed communications from resulting in a recurrence of this situation in the future, the plant's chemistry department will place signs stating "Day Shift" and "Peak Shift" on the appropriate chlorination switches each day. Thus, each shift will always know which unit it will chlorinate on a given day.

FPL

July 20, 1988

JUL 20 1988

Ms. Karen Buerki
 U.S. Environmental Protection Agency
 Region IV
 Florida/Mississippi Unit
 Compliance Section
 345 Courtland Street, NE
 Atlanta, GA 30365

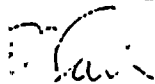
Re: St. Lucie Plant
NPDES Permit No. FL0002208
Non-Compliance Event

Dear Ms. Buerki:

The NPDES Discharge Monitoring Report (DMR) which was submitted for the St. Lucie Plant for the month of May, 1988, contained a description of a non-compliance event which occurred at Serial Number 001-1. In the description it was inadvertently reported that Unit 2 intake was chlorinated for 240 minutes on May 14, 1988. In reality, Unit 2 was chlorinated for 220 minutes. The correct value was represented on the DMR for Serial No. 001-1.

FPL apologizes for any inconvenience this error may have caused. If you have any questions or comments on this matter, please contact Ron Hix at (407) 694-3622.

Sincerely,



T. R. Fair
 Manager
 Permitting & Program

TRF/RHH/bf

cc: DER - PSL

Contacted Karen Buerki, 8/10/88 - 3:00 p.m. to inform her that Unit 2 was chlorinated twice as was stated in the original letter. no follow-up letter was required. Ron Hix

an FPL Group company



AUGUST 15 1988

L-88-345

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

Gentlemen:

Re: St. Lucie Unit 2
Docket No. 50-389
Environmental Protection Plan Report

In accordance with Section 3.2.1. of the St. Lucie Unit 2 Environmental Protection Plan, attached is a copy of the Discharge Monitoring Report (DMR) required by the NPDES Permit. The DMR describes a non-compliance with NPDES Permit No. FL0002208 which was reported to the U. S. Environmental Agency, Region IV. FPL letter (T. R. Fair to K. Buerki) dated July 20, 1988, corrected the length of time the Unit 2 intake was chlorinated.

Very truly yours,

W. F. Conway
Senior Vice President - Nuclear

WFC/GRM/cm

Attachment

cc: Dr. J. Nelson Grace, Regional Administrator, Region II,
USNRC
Senior Resident Inspector, USNRC, St. Lucie Plant

GRMEPPR

COOL
1/1

