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ACCESSION NBR: 8905300068 DOC. DATE: 89/05/11 NOTARIZED: NO DOCKET #
 FACIL: 50-335 St. Lucie Plant, Unit 1, Florida Power & Light Co. 05000335
 50-389 St. Lucie Plant, Unit 2, Florida Power & Light Co. 05000389
 AUTH. NAME AUTHOR AFFILIATION
 CONWAY, W.F. Florida Power & Light Co.
 RECIPIENT NAME RECIPIENT AFFILIATION

SUBJECT: Forwards NPDES discharge monitoring rept for Mar 1989 & rept of 890309 event.

DISTRIBUTION CODE: IE23D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 1+2
 TITLE: Environmental Event Report (per Tech Specs)

NOTES:

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	NORRIS, J	1		1				
INTERNAL:	ACRS	5		5	AEOD/DSP/TPAB	1		1
	AEOD/PTB	1		1	NRR/DEST/ADE 8H	1		1
	NRR/DREP/EPB 10	1		1	NRR/DREP/RPB 10	1		1
	NRR/PMAS/ILRB12	1		1	NUDOCS-ABSTRACT	1		1
	OGC/HDS2	1		1	<u>REG FILE</u>	1		1
	RGN2 FILE 01	1		1	RGN2/DRSS/EPRPB	1		1
EXTERNAL:	LPDR	1		1	NRC PDR	1		1
	NSIC	1		1				

NOTE TO ALL "RIDS" RECIPIENTS:

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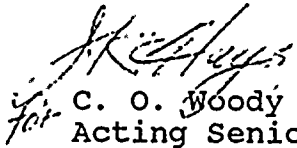
U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D. C. 20555

Gentlemen:

Re: St. Lucie Units 1 and 2
Docket Nos. 50-335 and 50-389
Environmental Protection Plan Report - National Pollutant
Discharge Elimination System (NPDES) Reportable Event

In accordance with Section 3.2.1. of the St. Lucie Units 1 and 2 Environmental Protection Plans, attached is a copy of the Discharge Monitoring Report (DMR) required by the St. Lucie Plant NPDES Permit with respect to a reportable event. Additionally, a description of the event is provided.

Very truly yours,


for C. O. Woody
Acting Senior Vice President - Nuclear

COW/MSD/gp

Attachments

cc: Stewart D. Ebnetter, Regional Administrator, Region II, USNRC
Senior Resident Inspector, USNRC, St. Lucie Plant

8905300048 890511
PDR ADDCK 05000335
R PIC

JE23
11

DESCRIPTION OF THE EVENT

The following is a description of a non-conformance event which occurred at the St. Lucie Plant. This event was reported to Priscilla Oliver of EPA by telephone on March 9, 1989.

At 10:20 a.m., on March 9, 1989, the effluent pH of the Unit #1 sewage treatment plant was observed to be 3.6 standard units (su). On the previous day at 9:15 a.m., the pH was 6.5 su. Addition of sodium carbonate corrected the pH to 6.2 su by 11:00 a.m. Influent water was observed to be 8.8 su. While there was no actual flow from the plant to the intake canal at that time an unknown quantity of effluent (less than 7,500 gallons) with a pH of less than 6.0 su had been discharged since the previous day's sample. Average daily flow for the previous week was approximately 0.0075 MGD. This effluent is diluted by approximately 720 MGD of sea water flow which is pumped by once-through cooling water pumps through the Unit #1 Power Plant.

While a definite cause for the low pH has not been determined, it is suspected that an acidic solution was disposed of into the Unit #1 sewage system. There were presently 1,000 extra people on site for the Unit #2 refueling work. A letter was distributed to all employees, including temporary employees, that no chemical should be discarded down any drain.

No adverse effects to the environment were observed.

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PDR ADCK 05000335
R PIC

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 PDR ADOCK 05000335
 R PDC

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)
 (2-16) (17-19)

F - FINAL
 SEWAGE TRTMENT PLANT

Form Approved
 OMB No. 2040-0004
 Approval expires 6-30-88

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

FLO002208

PERMIT NUMBER

004 1

DISCHARGE NUMBER

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	89	03	01		89	03	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 (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
BOD, 5-DAY (20 DEG. C) 00310 6 0 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	*****	*****		*****	REPORT DAILY AV	REPORT DAILY MX	MG/L		DAILY GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****					
BOD, 5-DAY (20 DEG. C) 00310 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	18 DAILY AV	18 DAILY MX	MG/L	0	Monthly Grab
	PERMIT REQUIREMENT	*****	*****	****	*****					DAILY GRAB
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		3.6 MINIMUM	7.5 MAXIMUM		SU	1*	Daily Grab
	PERMIT REQUIREMENT	*****	*****	****	*****					WEEKLY GRAB
SOLIDS, TOTAL SUSPENDED 00530 6 0 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	*****	*****		*****	REPORT DAILY AV	REPORT DAILY MX	MG/L		DAILY GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****					
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	7 DAILY AV	7 DAILY MX	MG/L	0	Monthly Grab
	PERMIT REQUIREMENT	*****	*****	****	*****					DAILY GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.080	0.146		*****	*****	*****		0	Daily Inter- greater
	PERMIT REQUIREMENT	0.017	REPORT	MGD	*****	*****	*****	****		WEEKLY INSTAN
COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	*****	REPORT #/ DAILY MX	100ML		DAILY GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	*****				

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
W.F. Conway
Senior D.P. Nuclear Energy
 TYPED OR PRINTED

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.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
J.H. Barrow
 TELEPHONE
 AREA CODE: 407 NUMBER: 415-3550
 DATE
 YEAR: 89 MO: 04 DAY: 10

COMMENT AND EXPLANATION OF ANY VIOLATION

~~ALL MONITORING ONCE PER BATCH. EFFLUENT SHALL BE AEROBIC AT ALL TIMES.~~

* See Attached letter