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ACCESSION NBR: 8910240217 DOC. DATE: 89/10/16 NOTARIZED: NO DOCKET #
 FACIL: 50-335 St. Lucie Plant, Unit 1, Florida Power & Light Co. 05000335
 AUTH. NAME AUTHOR AFFILIATION
 SAGER, D.A. Florida Power & Light Co.
 RECIPIENT AFFILIATION
 Document Control Branch (Document Control Desk)

SUBJECT: NPDES noncompliance notification: on 890803 & 04, plant discharge canal temp exceeded 113 F limit. Util down-powered.

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 TITLE: Environmental Monitoring Rept (per Tech Specs)

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OCTOBER 16 1989

L-89-368

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

Gentlemen:

Re: St. Lucie Unit 1
Docket No. 50-335
Environmental Protection Plan Report - National Pollutant
Discharge Elimination System (NPDES) Reportable Event

In accordance with Section 3.2.1. of the St. Lucie Unit 1 Environmental Protection Plan, 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,

D. A. Sager
Vice President
St. Lucie Plant

DAS/MSD/gp

Attachments

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

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PDR ADOCK 05000335
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an FPL Group company



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

NAME FL PUB & UT - SI LOC
 ADDRESS ENVIRONMENTAL AFFAIRS
20 BOX 14000
JUNO BEACH FL 33408

FACILITY _____
 LOCATION _____
 ATTN: T. R. FAIR

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

FLO02208
 PERMIT NUMBER

001 1
 DISCHARGE NUMBER

F - FINAL
 COND & AUX COOLING WATER

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

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)	SAMPLE MEASUREMENT	(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			
TEMPERATURE, WATER DEG. FAHRENHEIT 00011 1 0 0		*****	*****		*****	*****		115		11	Hourly Recorder
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****		INST. MX	DEG. F		HOURLY RECORD
TEMP. DIFF. BETWEEN SAMP. & UPSTRM DEG. F 00013 1 0 0		*****	*****		*****	*****		31		1*	Hourly Recorder
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****		INST. MX	DEG. F		HOURLY RECORD
CHLORINE, TOTAL (AS CL) 01022 2 0 0		*****	*****		*****	*****					ONCE/BATCH GRAB
EFFLUENT NET VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****		INST. MX	MG/L		BATCH
OXIDANTS, TOTAL RESIDUAL 34044 P 0 0		*****	*****		*****	*****		<.01		0	Continuous Recorder
SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	****	*****	*****		INST. MX	MG/L		CONTINUOUS
OXIDANTS, TOTAL RESIDUAL 34044 Q 0 0		*****	*****		*****	*****		<.01		0	Continuous Recorder
SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	****	*****	*****		INST. MX	MG/L		CONTINUOUS
OXIDANTS, FREE AVAILABLE 34045 R 0 0		*****	*****		*****	*****		.08	.12	0	Weekly Grabs
SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	****	*****	*****		DAILY AV	INST. MX	MG/L	WEEKLY GRAB
OXIDANTS, FREE AVAILABLE 34045 S 0 0		*****	*****		*****	*****		.08	.12	0	Weekly Grabs
SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	****	*****	*****		DAILY AV	INST. MX	MG/L	WEEKLY GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
J.H. Goldberg Exec. Vice President
 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.

H. J. Barry
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: 407 465-3550
 DATE: 89 09 12
 AREA CODE: 407 NUMBER: 465-3550 YEAR: 89 MO: 09 DAY: 12

COMMENT AND EXPLANATION OF ANY VIOLATION:

I = AUXILIARY, C = CONDENSER DISCHARGE, R = UNIT 1, S = UNIT 2.
 H = DISCHARGES FROM REFILLING WATER STORAGE TANK AND NONAERATED WATER HOLDING TANK. * See Attached letter.



DESCRIPTION OF THE EVENT

The following is a description of an event which occurred at the St. Lucie Plant on August 3 and 4, 1989. This information was reported to Steve Scholfield of EPA by Ron Hix of FPL Environmental Affairs on August 7, 1989. Mr. Scholfield requested that this written report be submitted with the appropriate DMR.

On the dates and times listed below, the St. Lucie Unit 1 discharge canal temperature exceeded the 113°F limit allowed for normal operation.

<u>August 3, 1989</u>		<u>August 4, 1989</u>	
<u>Time</u>	<u>Temp.</u>	<u>Time</u>	<u>Temp.</u>
1300 hrs	114°F	1400 hrs	115°F
1400	114	1500	114
1500	114	1600	114
1600	115	1700	114
1700	115		
1800	114		
1900	115		

During these periods, St. Lucie Unit 1 was experiencing severe condenser fouling. The St. Lucie Plant NPDES Permit allows 117°F at the discharge terminus under these conditions. Unit 1 was down-powered the evenings of August 4, 1989 and August 5, 1989 to clean condenser water-boxes. Since that time discharge canal temperatures have returned to below 113°F.



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