

WRITE NAME/ADDRESS (Include Name/Location if different)

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

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

(17-19) 006 1 DISCHARGE NUMBER
 (2-16) FL0002208 PERMIT NUMBER

F - FINAL SEWAGE TREATMENT PLANT
 Form Approved OMB No. 2040-0004
 Approval expires 12-31-87

MONITORING PERIOD							
YEAR	MO	DAY	TO	YEAR	MO	DAY	
87	09	01		87	09	30	
(20-21)		(22-23)		(24-25)		(26-27)	
		(28-29)		(30-31)			

MAJOR (SUBR JA)
 NOTE: Read instructions before completing this form.

LINE: T. R. FAIR

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	UNITS			
0400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		5.6	*****	7.2		①	Daily Grab	WEEKLY GRAB
	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0	SU			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	.065	.016		*****	*****	*****		0	Daily Insps.	WEEKLY INS
	PERMIT REQUIREMENT	REPORT DAILY AV	0.017 DAILY MX	MGD	*****	*****	*****	****			
50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
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	PERMIT REQUIREMENT										

* See Attached letter

R
 8803290284
 PDR ADDCK 05000389
 880323
 DCD

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 C.D. Woody
 U.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.

TELEPHONE 305 415-3550
 DATE 1987 10 7
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
 AREA CODE NUMBER YEAR MO DAY

EFFLUENT SHALL BE AEROBIC AT ALL TIMES.

W:
2
September 1987 NPDES DMR
St. Lucie Plant
Serial No. 006
Low Effluent pH

A pH of 5.6 std. units was observed for the Unit 1 sewage treatment plant effluent on September 30, 1987 at 8:35 a.m. Addition of soda ash to the system raised the pH to 6.0 std. units by 9:05 a.m. the same day. Apparently a small amount of an acidic solution was inadvertently added to the sewage system from an undetermined location on the plant site.

To prevent future occurrences, influent samples will be analyzed daily so any abnormal conditions can be observed and corrected before they reach the plant effluent. Also, a memo was distributed to all department supervisors instructing them to remind their employees not to dispose of any acidic wastes in the sewage system.

No adverse effects to the environment were observed.