

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8907250305 DOC. DATE: 89/05/31 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: WOODY, C.O. AUTHOR AFFILIATION: Florida Power & Light Co.  
 RECIP. NAME: RECIPIENT AFFILIATION:

SUBJECT: NPDES monitoring rept for May 1989 for St Lucie Units 1 & 2.W/890717 ltr.

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 TITLE: Environmental Monitoring Rept (per Tech Specs)

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	NRR/DEST/ADE 8H	1	1	NRR/DREP/RPB 10	2	2
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P.O. Box 14000, Juno Beach, FL 33408-0420

JULY 17 1989

L-89-252


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,

  
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

8907250305 890531  
PDR ADOCK 05000335  
R PDC

IF25  
11

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

NAME FL FAIR & LI - ST LUCIE

ADDRESS ENVIRONMENTAL AFFAIRS

PO BOX 17000

JUNO BEACH

FL 33408

FACILITY

LOCATION

Attn: L. K. FAIR

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

FL0002208

PERMIT NUMBER

003 1

DISCHARGE NUMBER

F - FINAL

RADWASTE DISCHARGE

Form Approved

OMB No. 2040-0004

Approval expires 6-30-88

MONITORING PERIOD

FROM YEAR 89 MO 05 DAY 01 TO YEAR 89 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)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-43)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
SOLIDS, TOTAL SUSPENDED 00530 1 0 0	SAMPLE MEASUREMENT	* <.73	<1.27		*****	<4	<4		ONCE/	Grab
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT DAILY AV	REPORT DAILY MX	LBS/DY	*****	30 DAILY AV	100 DAILY MX		ONCE/	GRAB
OIL AND GREASE FRIEDN EXTR-GRAV METH 00556 1 0 1	SAMPLE MEASUREMENT				*****					
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT DAILY AV	REPORT DAILY MX	LBS/DY	*****	15 DAILY AV	20 DAILY MX		ANNUAL	GRAB
PHOSPHORUS, TOTAL (AS P) 00660 1 0 0	SAMPLE MEASUREMENT				*****					
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT DAILY AV	REPORT DAILY MX	LBS/DY	*****	1.0 DAILY AV	1.0 DAILY MX			COMPOS
COPPER, TOTAL (AS CU) 01042 1 0 0	SAMPLE MEASUREMENT	* .022	.039		*****	.12	15.60		ONCE/	Com- posite
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT DAILY AV	REPORT DAILY MX	LBS/DY	*****	1.0 DAILY AV	1.0 DAILY MX		ONCE/	COMPOS
IRON, TOTAL (AS FE) 01045 1 0 0	SAMPLE MEASUREMENT	* .158	.271		*****	.86	4.10		ONCE/	Composite
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT DAILY AV	REPORT DAILY MX	LBS/DY	*****	1.0 DAILY AV	1.0 DAILY MX		ONCE/	COMPOS
PLUMB, IN CONDUIT OR THRU TREATMENT PLANT 00050 1 0 0	SAMPLE MEASUREMENT	* .022	.038		*****	*****	*****		ONCE/	Calcd
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT DAILY AV	REPORT DAILY MX	MGD	*****	*****	*****		ONCE/	DISCHG
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

C. O. Woody Exec.  
V. 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

TELEPHONE

DATE

407 465-3550 89 06 09

AREA CODE

NUMBER

YEAR

MO

DAY

COMMENT AND EXPLANATION OF ANY VIOLATION

WHEN METAL CLEANING WASTES ARE DISCHARGED, THE QUANTITY OF POLLUTANTS DISCHARGED AND MONITORING FREQUENCY SHALL BE REPORTED; COPPER AND IRON LIMITS AND MONITORING ARE APPLICABLE; AND WHEN PHOSPHATE CHEMICALS ARE

#### DESCRIPTION OF THE EVENT

On May 17 and 25, 1989, the iron concentration from the radioactive waste batch discharge (serial 003) exceeded the 1.0 ppm maximum concentration limit. The concentrations determined were 4.1 and 1.2 ppm, respectively. The volumes associated with these discharges were 5,414 and 26,682 gallons, respectively. The exceedances were discovered June 7, when metals analyses were completed on stored samples for the month. Prior to April, 1989, these samples were composited and analyzed in a different manner and no values ever exceeded 1.0 ppm for iron, thus values in excess of this limit were not anticipated from this serialized discharge.

The source of iron in this effluent stream is being investigated so in the future, discharges containing elevated iron levels can be identified and the water further processed by filtration and ion exchange prior to release.



2004

1. The first part of the document is a list of names and addresses. The names are: John Doe, Jane Smith, and Bob Johnson. The addresses are: 123 Main St, 456 Elm St, and 789 Oak St. The list is as follows:

Name	Address
John Doe	123 Main St
Jane Smith	456 Elm St
Bob Johnson	789 Oak St