

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 AUTHOR AFFILIATION
 WOODY, C.O. Florida Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

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

DISTRIBUTION CODE: IE25D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 3
 TITLE: Environmental Monitoring Rept (per Tech Specs)

NOTES:

	RECIPIENT ID CODE/NAME	COPIES		RECIPIENT ID CODE/NAME	COPIES	
		LTR	ENCL		LTR	ENCL
	PD2-2 LA	3	3	PD2-2 PD	1	1
	NORRIS, J	1	1			
INTERNAL:	ACRS	1	1	AEOD/DSP/TPAB	1	1
	IRM TECH ADV	1	1	NRR ROTHMAN, R	1	1
	NRR/DEST/ADE 8H	1	1	NRR/DREP/RPB 10	2	2
	NUDOCS-ABSTRACT	1	1	REG-FILE 01	1	1
	RGN2 DRSS/RPB	2	2	RGN2 FILE 02	1	1
EXTERNAL:	EG&G SIMPSON, F	2	2	LPDR	1	1
	NRC PDR	1	1			

NOTE TO ALL "RIDS" RECIPIENTS:

PLEASE HELP US TO REDUCE WASTE! CONTACT THE DOCUMENT CONTROL DESK,
 ROOM P1-37 (EXT. 20079) TO ELIMINATE YOUR NAME FROM DISTRIBUTION
 LISTS FOR DOCUMENTS YOU DON'T NEED!

TOTAL NUMBER OF COPIES REQUIRED: LTR 21 ENCL 21

R
I
D
S
/
A
D
D
S
/
A
D
D
S



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100



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

TE25
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

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

FLOOD2208
 PERMIT NUMBER

0031
 DISCHARGE NUMBER

F - FINAL
 RADWASTE DISCHARGE

Form Approved
 OMB No. 20-40-0004
 Approval expires 6-30-88

FACILITY
 LOCATION
Attn: L. K. FAIR

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	87	05	01		87	05	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 (34-51)			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 EFFLUENT GROSS VALUE	*	<.73	<1.27	LBS/DY	*****	<4	<4	MG/L	0	ONCE/ Discharge ONCE/ GRAB DISCHG
OIL AND GREASE FRIEDN EXTR-GRAV METH 00556 1 0 1 EFFLUENT GROSS VALUE		REPORT DAILY AV	REPORT DAILY MX	LBS/DY	*****	15	20	MG/L		ANNUAL GRAB
PHOSPHORUS, TOTAL (AS P) 00660 1 0 0 EFFLUENT GROSS VALUE		REPORT DAILY AV	REPORT DAILY MX	LBS/DY	*****	1.0	1.0	MG/L		COMPOS
COPPER, TOTAL (AS CU) 01042 1 0 0 EFFLUENT GROSS VALUE	*	.022	.039	LBS/DY	*****	.12	15.60	MG/L	0	ONCE/ Discharge Composite COMPOS
IRON, TOTAL (AS FE) 01045 1 0 0 EFFLUENT GROSS VALUE	*	.158	.271	LBS/DY	*****	.86	4.10	MG/L	2	ONCE/ Discharge Composite COMPOS
PLUM, IN CONDUIT OR THRU TREATMENT PLANT 00050 1 0 0 EFFLUENT GROSS VALUE	*	.022	.038	MGD	*****	*****	*****	****	0	ONCE/ Composite Discharge ONCE/ Labeled DISCHG CALCTO

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
J/H Barron
 TELEPHONE 407 465-3550 DATE 06 09
 AREA CODE NUMBER YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATION
 WITH 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 DISCHARGED, PHOSPHORUS LIMITS AND MONITORING ARE APPLICABLE. * See Attached letter

EPA Form 3320-1 (Rev. 10-79) PREVIOUS EDITION TO BE USED UNTIL SUPPLY IS EXHAUSTED. (REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.) 011071041240-0527 PAGE 105

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.

100-100000



100-100000