

ACCELERATED DOCUMENT DISTRIBUTION SYSTEM

REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9303150014 DOC. DATE: 93/03/05 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
 SAGER, D.A. Florida Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION
 Document Control Branch (Document Control Desk)

SUBJECT: NPDES noncompliance notification: on 930114, neutralization basin, containing 220,000 gallons of water, discharged to intake canal at pH of 10.20 std units. Caused by miscommunication. Procedure developed to address discharge.

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

NOTES:

	RECIPIENT	COPIES	RECIPIENT	COPIES
	ID CODE/NAME	LTR ENCL	ID CODE/NAME	LTR ENCL
	PD2-2 LA	3 3	PD2-2 PD	1 1
	NORRIS, J	1 1		
INTERNAL:	ACRS	5 5	NRR/DRSS/PEPB	1 1
	NRR/PMS/ILRB	1 1	OGC/HDS3	1 1
	<u>REG FILE</u> 01	1 1	RGN2	1 1
EXTERNAL:	NRC PDR	1 1	NSIC	1 1

NOTE TO ALL "RIDS" RECIPIENTS:

PLEASE HELP US TO REDUCE WASTE! CONTACT THE DOCUMENT CONTROL DESK,
 ROOM P1-37 (EXT. 504-2065) TO ELIMINATE YOUR NAME FROM DISTRIBUTION
 LISTS FOR DOCUMENTS YOU DON'T NEED!

TOTAL NUMBER OF COPIES REQUIRED: LTR 17 ENCL 17

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

CONFIDENTIAL



March 5, 1993

L-93-16
10 CFR 50.36
EPP 3.2.1

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

Re: St. Lucie Units 1 and 2
Docket Nos. 50-335 and 50-389
Deviation of the NPDES Permit/401 Site Certification

On January 14, 1993, the Neutralization Basin, containing 220,000 gallons of water, was discharged to the intake canal at a pH of 10.20 standard units. This exceeded the pH limit in the site NPDES Permit of 6.0 to 9.0 standard units. This deviation is being reported to the Environmental Protection Agency in the monthly Discharge Monitoring Report; a copy of the event is attached and is being sent pursuant to Section 3.2.1 of the St. Lucie Units 1 and 2 Environmental Protection Plan.

Should you have any questions on this information, please contact us.

Very truly yours,

D. A. Sager
Vice President
St. Lucie Plant

DAS:JJB:kw

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

Attachment

DAS/PSL#846-93

9303150014 930305
PDR: ADOCK 05000335
S PDR

1000

1000

1000

**FLORIDA POWER & LIGHT COMPANY - ST. LUCIE PLANT
NPDES PERMIT NO. FL0002208
OSN 002 - LOW VOLUME WASTEWATER
MONITORING PERIOD 1/1/93 - 1/31/93**

At approximately 8:00 AM on January 14, 1993, the neutralization basin, containing 220,000 gallons of water, was discharged to the intake canal at a pH of 10.20 std. units. This value exceeded the pH limit of 6.0 to 9.0 std. units set in the plant's NPDES Permit No. FL 0002208. The discharge event occurred for approximately two hours. The event was not discovered to have occurred until approximately 9:00 AM on January 15, 1993.

The neutralization basin had been discharged to the intake canal previously during the week at the proper pH. Thereafter, the typical receiving point of discharges from the neutralization basin, the onsite storm water basins, was requested in order to decrease the time needed for neutralization during a period of increased demand for demineralized water for power plant operation. Due to a miscommunication, the on-shift operator was unaware that the neutralization basin was supposed to be discharged to the storm water basins and inadvertently discharged the water to the intake canal.

For corrective action, a procedure has been developed which requires written authorization for releases for this type. This authorization specifies where the neutralization basin is to be routed for discharge.

Due to the relatively small volume of water discharged from the neutralization basin into the intake canal, which has a mass water flow of approximately 1,000,000 gallons per minute, no detrimental impact to the aquatic environment was observed or is expected.