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ACCESSION NBR: 8812200362 DOC. DATE: 88/10/31 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
 CONWAY, W.F. Florida Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: "NPDES Discharge Monitoring Rept for Jan-Oct 1988." W/881214
ltr.

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 TITLE: Environmental Event Report (per Tech Specs)

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FPL

P.O. Box 14000, Juno Beach, FL 33408-0420

DECEMBER 14 1988

L-88-528

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 -
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,

W. F. Conway
Senior Vice President - Nuclear

WFC/MSD/cm

Attachments

cc: Malcolm L. Ernst, Acting Regional Administrator, Region II,
USNRC.
Senior Resident Inspector, USNRC, St. Lucie Plant

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Description of the Event

On 10/21/88, at approximately 11:00 a.m., the St. Lucie Plant Neutralization Basin was neutralized to a pH of 10.4 prior to discharge to the storm drain system. This system normally drains to the west percolation ponds. During the discharge, a pipe broke in a valve pit near the plant's intake canal. Water overflowed the pit and flowed down an embankment to the intake canal before the operator was able to shut the pump off. An estimated 10,000 gallons of pH 10.4 water was released into the intake canal. Areas upstream and downstream in the canal were sampled immediately following the release. No difference in the pH of the saline intake water was detected.

A Plant Work Order was issued to repair the broken pipe. In the interim, Neutralization basin discharges are being discharged in accordance with the permit via NPDES Serial 002 to the intake canal.