

CATEGORY 1

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 AUTH. NAME, AUTHOR AFFILIATION
 STALL, J.A. Florida Power & Light Co.
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SUBJECT: Discusses Florida wastewater permit deviation. Deviation is being reported to State of FL in monthly discharge monitoring rept.

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Florida Power & Light Company, 6351 S. Ocean Drive, Jensen Beach, FL 34957

October 17, 1997

L-97-266
10 CFR 50.36b
10 CFR 50.4
EPP 3.2.1

U. S. Nuclear Regulatory Commission
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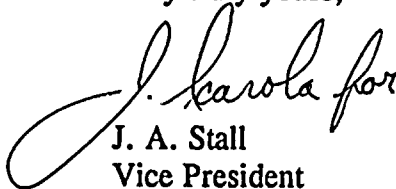
Re: St. Lucie Unit 1
Docket No. 50-335
Florida Wastewater Permit Deviation

On Friday, September 12, 1997, samples were taken for CBOD₅ at the influent and effluent of the St. Lucie Unit 1 Sewage Treatment Plant (STP). These samples were analyzed offsite and, due to sample processing time, it was not determined until later in the month that the resulting CBOD₅ percent removal was 87 percent. This value is less than the permitted minimum value of 90 percent.

This deviation is being reported to the State of Florida in the Monthly Discharge Monitoring Report. A copy of the report is attached and is being sent pursuant to Section 3.2.1 of the St. Lucie Unit 1 Environmental Protection Plan.

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

Very truly yours,



J. A. Stall
Vice President
St. Lucie Plant

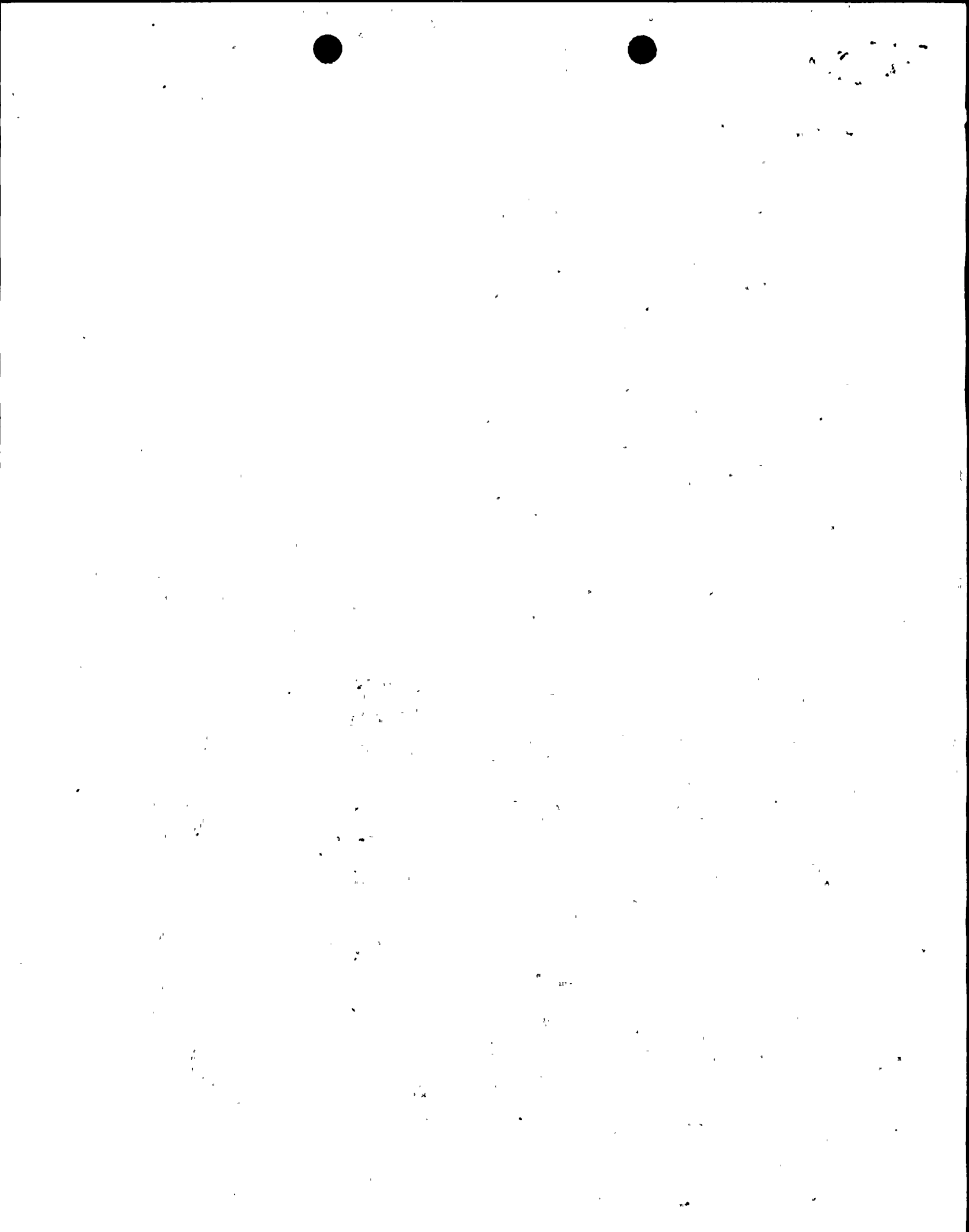
JAS:GRM

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

Attachment

9710210170 971017
PDR ADOCK 05000335
P PDR





ATTACHMENT TO OSN 004

**Florida Power & Light Company - St. Lucie Plant
Wastewater Permit No. FL0002208
Outfall Serial Number: 004
September 1997**

On Friday, September 12, 1997, samples were taken for CBOD₅ at the influent and effluent of the St. Lucie Plant Unit 1 Sewage Treatment Plant (STP). These samples were analyzed offsite and, due to sample processing time, it was not determined until later in the month that the resulting CBOD₅ percent removal was 87 percent. This value is less than the permitted minimum value of 90 percent. FPL believes that increased numbers of personnel on the site for an upcoming refueling outage resulted in extra loading on the STP which, in turn, probably caused the upset. A resample of the STP on September 25, 1997, resulted in value of a 97 percent removal of CBOD₅, which is well within specification.

During the event, flow in the intake/discharge canal, which receives the Unit 1 STP effluent was over one million gallons per minute. Flow from the STP is typically less than 10 gpm, therefore, no adverse effect on the environment was observed or expected.

The Unit 1 STP ceased effluent discharge on September 27, 1997, when the sewers leading to the plant were re-routed to a recently constructed POTW.



10-1-50