



May 20, 2016

L-2016-121  
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  
Copy of St Lucie NPDES Permit Noncompliance Notification

Florida Power & Light Company (FPL) is hereby providing the enclosed copy of the St Lucie NPDES permit noncompliance notification submitted to the State of Florida Department of Environmental Protection submitted concurrently by VPPSL052.

Please contact Corey Spencer at (772) 467-7436 should you have any questions on this matter.

Sincerely,

A handwritten signature in black ink, appearing to read 'Michael J. Snyder', is written over a faint, circular stamp.

Michael J Snyder  
Licensing Manager  
St. Lucie Plant

MJS/rcs

Enclosure (VPPSL052)

cc: Ms. Cindy Becker, Florida Department of Health  
USNRC Senior Resident Inspector, St. Lucie Plant

IEZ5  
NRR



May 20, 2016

Heidi Coggins  
Florida Department of Environmental Protection  
Industrial Wastewater Section, M.S. 3545  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED  
7011 3500 0000 7495 7300

RE: FPL - St. Lucie Plant  
State Industrial Wastewater Permit No. FL0002208  
St Lucie NPDES Permit Noncompliance Notification

Dear Ms. Coggins,

Per FPL St. Lucie Plant Conditions of Certification (CoC) PA-72-02 Condition D. – Noncompliance Notification and the Florida Power and Light Company St. Lucie Plant State Industrial Wastewater Facility Permit FL0002208, and your instructions, the St. Lucie Plant reported a non-compliance event that recently occurred at the St. Lucie Plant. The initial 24-hour oral notification to the FDEP Southeast included a follow-up email that also satisfied the CoC 3-day written confirmation. Attachment 1 provides the applicable content of that email that was sent on May 18, 2016 at 1537 from Corey Spencer (FPL - St. Lucie Plant) to Calvin Williams (FDEP Southeast) in order to satisfy the wastewater permit's requirement for a written submission.

If you should have any questions, please contact Corey Spencer at (772) 467-7436.

Sincerely,

A handwritten signature in black ink that reads 'Christopher R. Costanzo'.

Christopher R. Costanzo  
Site Vice President  
St. Lucie Plant

VPPSL052

CRC/rcs

Attachment 1: St Lucie NPDES Permit Noncompliance Notification

cc: Marc Harris, FDEP  
Calvin Williams, FDEP Southeast

FPL - St. Lucie Plant  
State Industrial Wastewater Permit No. FL0002208  
Event Date: May 17, 2016  
St Lucie NPDES Permit Noncompliance Notification

VPPSL052  
Attachment 1  
Page 1 of 1

**From:** Spencer, Corey  
**Sent:** Wednesday, May 18, 2016 3:37 PM  
**To:** Williams, Calvin E.  
**Subject:** PSL IWW permit noncompliance synopsis

Calvin,

We were preparing to transition our Water treatment plant system vendors from GE water to EVOQUA.

We were running a Temporary EVOQUA WTP for testing – started on 3/2/16, we had been running on/off to verify water quality, flow, etc.

Juno Environmental Services (JES) was working to obtain the amendment to our CoC and our environmental analyst is working to update our IWW permit. However, upon preparation for the CoC amendment, (5/17/16 @ 1029) corporate environmental (JES) provided feedback to us that we cannot operate the temporary WTP due to the additional chemicals they use for scavenging chlorine, anti-scale agent – since they are not in our current IWW permit. Upon review of their comment we secured the temporary EVOQUA WTP and restarted the GE WTP to restore IWW permit compliance @ 5/17/16 @ 1415. We attempted a notification last night around 1800 – left a voicemail message with you and then followed-up this morning at 0739 on the event.

→ Chemicals used by EVOQUA WTP since 3/2/16 are:

- 40% Sodium Bi-Sulphate = 45 gallons (63 lb)
- Vitec 3000 (proprietary) = 35 gallons (46 lb)

Furthermore, the discharge flowstream from the EVOQUA WTP was to our West Basin (11.2 million gallons) to the South Basin (6.3 million gallons) and to the Southeast Basin (4.8 million gallons).

Total basin volume is 22.3 million gallons.

I have already provided the SDS (Safety Data Sheets) upon your request.

How we got there – simply this was a failure of site project management to follow ADM-27.19, Environmental Control Program for St Lucie Plant Construction Activities.

We will be performing an apparent cause evaluation, procedure revisions to our Project Management procedures, and a training needs analysis to prevent occurrence.

If you need any additional information – I will provide as requested.

Also, please advise me regarding the requirement for a written report within the next five days, as stated in our permit.

Corey C. Spencer  
Chemistry & Environmental Manager  
St. Lucie Nuclear Power Station