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November 4, 1994

Ms. Karen Buerki
U. S. Environmental Protection Agency
Region IV
WMD - Compliance
345 Courtland Street N. E.
Atlanta, Georgia 30365

RE: FPL - St. Lucie Plant
NPDES Permit No. FL0002208
Report of Bypass

Dear Ms. Buerki:

This correspondence is a follow-up to a verbal notification on Monday, October 31, 1994, for a by-pass which occurred at Florida Power & Light company's St. Lucie Power Plant. Below please find a description of the event:

The Mangrove Impoundment wall at St. Lucie Plant (NPDES Permit No. FL0002208, Serial No. 006C), which receives stormwater from the east parking lot, washed-out sometime late in the evening of October 30, 1994. During the event, which lasted no more than ten hours, it is estimated that approximately 1.5 million gallons of untreated parking lot runoff entered the Mangrove Impoundment 008E. The site had received approximately 3 1/2 inches of rainfall in a twenty four hour period prior to the event. High levels of water behind the concrete wall, which was designed to allow settling of suspended solids and prevent oil & grease from entering the impoundment area, washed a small amount of fill dirt out around an area where the wall attaches to a road embankment at its south end. Apparently, the area was not filled completely to the top of the wall during construction.

The following day, October 31, the washed-out area was filled with new dirt above the top of the wall and compacted. This placed the treatment system back in service. Permanent corrective actions are being considered to prevent further occurrences.

As per Part II-D.8., of the site's NPDES permit; Region IV, USEPA was verbally notified of the event at approximately 3:00 P.M. October 31, via FPL Environmental Affairs Department. The event did not have any significant impact on the surrounding mangrove impoundment. No oil sheen or elevated suspended solids were observed following the event.

If you have any questions or comments on this issue, please contact Ron Hix at (407) 625-7605.

Sincerely,

Larry L. Leskovjan
Manager
Environmental Affairs
an FPL Group company

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