



**LOUISIANA
POWER & LIGHT**

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March 12, 1985

W3P85-0641
3-A25.01.02
A4.10

Mr. Myron O. Knudson, P.E.
Director, Water Management Division
Environmental Protection Agency
Region VI
First International Building
1201 Elm Street
Dallas, Texas 75270

SUBJECT: Waterford Steam Electric Station
Unit Number 3
NPDES Permit No. LA 0007374

Dear Mr. Knudson:

On February 27, 1985, the TSS concentration at outfall 004 was 70 mg/l, which exceeded our permit limitation of 45 mg/l. We became aware of this noncompliance when telephoned by our contract laboratory on March 6, 1985. We are not certain of the cause of this excursion. Investigation of the situation has indicated that solids levels in the plant are slightly elevated and flows have been extremely low, but that the BOD₅ concentration is within compliance levels; so treatment is being effected. In addition to normal maintenance activities, personnel are paying particular attention to plant conditions, and sludge will be removed to reduce overall solids levels. It is anticipated that if this outfall has not already returned to compliance, it will do so by March 13, 1985, the next scheduled sampling day.

On March 6, 1985, the pH at outfall 003 was 5.4 SU, which was below the permitted range of 6-9 SU. We became aware of this noncompliance on March 6, 1985 when collecting the weekly sample for this outfall. We attribute this noncompliance to substances entering the oil/water separator through floor drains in the Service Building. Personnel working in the building have been reminded about proper disposal procedures for cleaning solutions, and a caustic solution was added to the system to raise the pH to the appropriate level. It is expected that the outfall returned to compliance within a day of the excursion.

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Should you wish to discuss this matter further, please contact Chadi Groome
of our Nuclear Licensing Office at (504) 595-2846.

Very truly yours,

L.A. Story for RPB 3/8/85

R.P. Barkhurst
Plant Manager-Nuclear

RPB/CDG/ch

cc: J. Dale Givens - LA DEQ
US NRC - R.D. Martin - Region IV
G.W. Knighton - NRR