



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION VI
1201 ELM STREET
DALLAS, TEXAS 75270

November 21, 1985

50-392

CERTIFIED MAIL: RETURN RECEIPT REQUESTED (P 012 021 530)

Mr. George Knighton
Chief, Licensing Branch No. 3
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Re: Waterford Steam Electric Station, Unit 3; Louisiana Power and
Light Co.; NPDES No. LA0007374

Dear Mr. Knighton:

We have received a request from LP & L for modification of the boron discharge limitations from this plant.

The NPDES permit which was first issued for this facility by EPA on August 23, 1985, contained boron limitations of 10 mg/l daily average and daily maximum for discharge from the boron management system to the circulating water canal. These limitations were issued by EPA consistent with the 10 mg/l (57 lbs/yr) technology estimates for boron discharge from the boron management system as contained in the Draft Environmental Statement NUREG-0779, dated April 1981, and the Final Environmental Statement NUREG-0779, dated September 1981, under Part 4.2.4.1, Reactor Coolant Chemicals; and the NPDES Application No. LA0007374, dated December 30, 1980, from LP & L.

Due to primary coolant water chemistry considerations, LP & L now finds that storage and recycling of boron are not feasible. Therefore, LP & L requests discharge of boron at a maximum level of 2300 mg/l both from the boron management system and from the waste management system. At the requested flow levels of 0.0288 MGD, each of these control points could discharge boron at a maximum level of 552 lbs per day. However, dilution in the cooling water stream would result in a maximum boron concentration of less than 0.1 mg/l at the final discharge point to the Mississippi River.

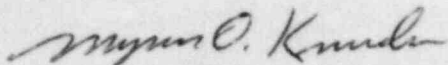
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The effect of this increased discharge of boron on water quality conditions should not be of significance. We request your review of and recommendations for these modified technology limits since the Environmental Statement addressed this matter.

Please provide us with NRC comments and recommendations within 30 days of receipt of this letter. If you have additional questions, please contact Mr. Fred Humke on FTS 729-9820.

Sincerely,



Myron O. Knudson, P.E.
Director, Water Management Division (6W)

cc: Mr. R. G. Leddick
Sr. Vice President, Nuclear Operations
Louisiana Power & Light Company
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Mr. Dale Givens
Assistant Secretary for Water
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