

A 07/11/78

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)
DISTRIBUTION FOR: INCOMING MATERIAL

50-335/889

REC: CASE E G
NRC

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FL PWR & LIGHT

DOC DATE: 07/03/78
DATE RCVD: 07/11/78

DOCTYPE: LETTER NOTARIZED: NO
SUBJECT:

COPIES RECEIVED
LTR 3 ENCL 0

FURNISHING INFO CONCERNING SUBJECT FACILITY'S CIRCULATING WATER SYSTEM AND
PLANS THAT WILL ASSURE THAT PLANT OPERATION WILL NOT BE RESTRICTED BY
PERFORMANCE OF THE SYSTEM.

PLANT NAME: ST LUCIE #1
ST LUCIE #2

REVIEWER INITIAL: XJM
DISTRIBUTER INITIAL: M

***** DISTRIBUTION OF THIS MATERIAL IS AS FOLLOWS *****

CHANGE REQUESTS FOR ENVIRON TECH SPECS (APPEND B)
(DISTRIBUTION CODE C004)

LWR#2 CHIEF LTR
BIRKEL LTR
LWR#2 LIC ASST LTR

FOR ACTION: BR CHIEF ORB#4 BC**LTR ONLY(5)

INTERNAL:

REG FILE**LTR ONLY(1)
I & E**LTR ONLY(2)

NRC PDR**LTR ONLY(1)
OELD**LTR ONLY(1)
QAB**LTR ONLY(1)
EEB**LTR ONLY(1)
DIRECTOR DSE**LTR ONLY(1)
AD FOR SITE ANLYS**LTR ONLY(1)
RAD ASSESSMENT BR**LTR ONLY(1)

GOSSICK & STAFF**LTR ONLY(1)
AD FOR SYS & PROJ**LTR ONLY(1)
J MCGOUGH**LTR ONLY(1)
ENVIRO SPEC BR**LTR ONLY(1)
EFFLUENT TREAT SYS**LTR ONLY(1)

EXTERNAL:

LPDR'S
FT PIERCE, FL**LTR ONLY(1)
NATL LAB ANL**LTR ONLY(3)
NSIC**LTR ONLY(1)
TERA**LTR ONLY(1)
ACRS CAT B**LTR ONLY(16)

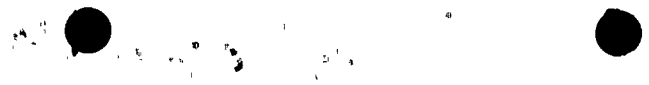
EPB#2 CHIEF LTR
ODT LYNCH LTR
M DUNCAN LTR

DISTRIBUTION: LTR ⁵⁰~~49~~ ENCL 0
SIZE: 2P

CONTROL NBR: 781920052

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GD

***** THE END *****



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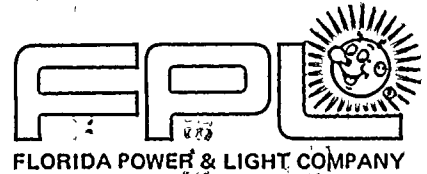
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FLORIDA POWER & LIGHT COMPANY

July 3, 1978

L-78-225

STUCIE PLANT
SERVICES
10101

Mr. Edson G. Case, Acting Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Case:

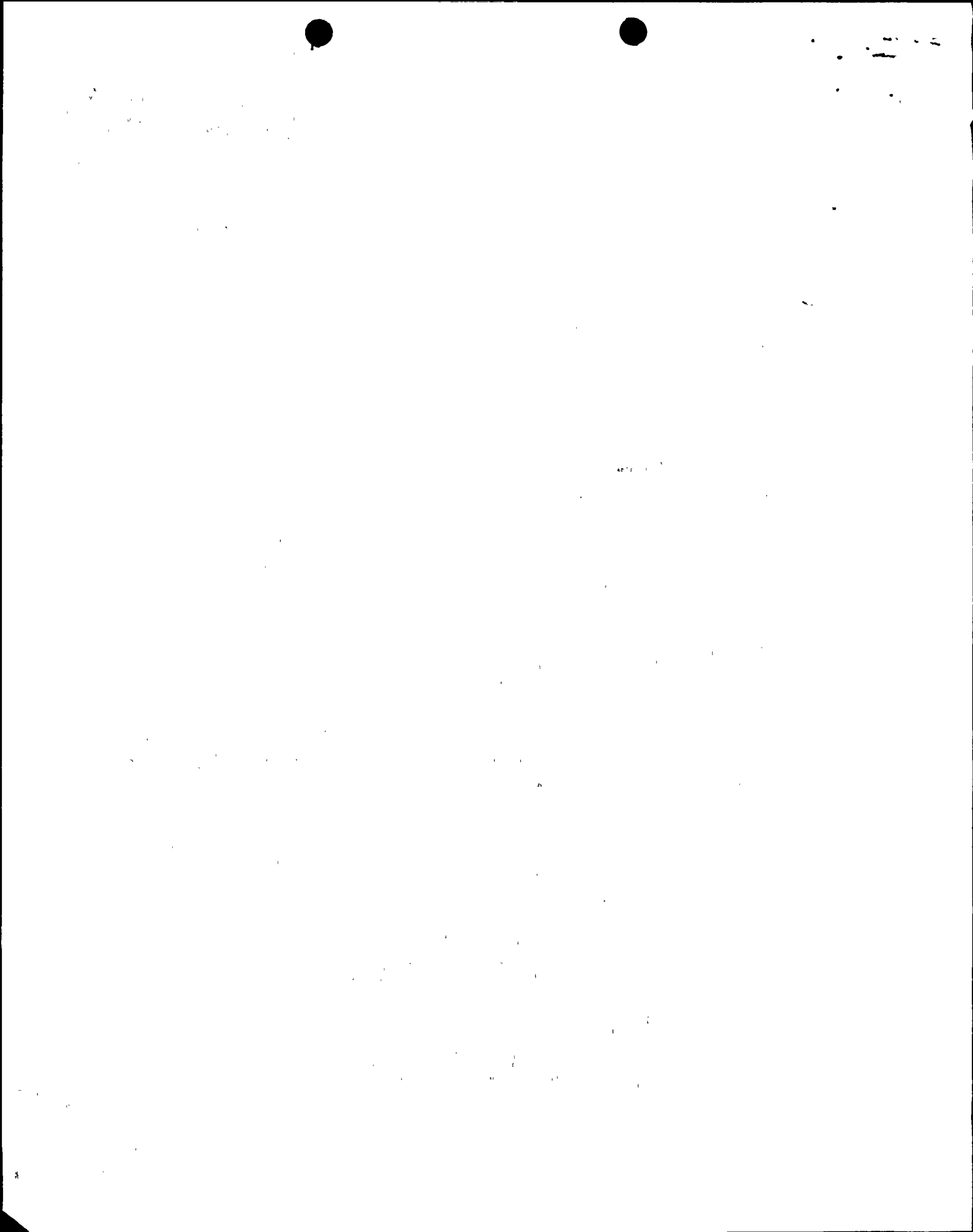
Re: St. Lucie Plant Circulating Water System
Docket Nos. 50-335 and 50-389

My letter to you of February 13, 1978 (L-78-51), summarized the operating history of the St. Lucie Plant Circulating Water System and indicated that Florida Power & Light Company was reviewing a number of alternatives to assure that plant operation would not be restricted by performance of the system. FPL has determined that raising of the discharge canal dikes and construction of a new spillway is desirable since it would: 1) provide additional capability to accommodate marine fouling of the discharge line and 2) allow FPL to take advantage of anticipated increases in plant efficiency following replacement of Unit 1's existing condenser tubes with titanium tubes. FPL is proceeding with this dike work and expects to have it completed before the end of the year.

The plans for raising the dikes presently call for an increase in the dike elevation from +14' Mean Low Water (MLW) to +18' MLW. The elevation of the spillway would be increased from +12' MLW to +15.5' MLW. There will be no infringement of the mangroves located along the dikes, since the slope of the dikes will be increased so as to remain within the existing cleared area. The work does not involve any deviation from the principal architectural and engineering criteria of the units. The proposed work has been reviewed by both the St. Lucie Plant Facility Review Group pursuant to 10 CFR 50.59, and the Company Environmental Review Group. They have determined that it does not involve an unreviewed safety question and that it will have no adverse environmental impacts.

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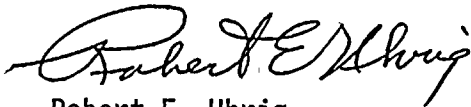


Mr. Edson G. Case
Page Two

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L-78-225

FPL is continuing to examine alternatives to accommodate or minimize the impact of marine fouling on the operation of St. Lucie Unit No. 1 and will continue to keep you advised with respect to this matter.

Very truly yours,



Robert E. Uhrig
Vice President

REU:LLL:s1

cc: Mr. James P. O'Reilly, Region II
Martin H. Hodder, Esquire
Harold F. Reis, Esquire