



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

May 21, 1981

Docket Nos. 50-250
and 50-251

Dr. Robert E. Uhrig, Vice President
Advanced Systems and Technology
Florida Power and Light Company
Post Office Box 529100
Miami, Florida 33152

paper
SEE Rpts. #8106010425
SEE 50-250 ~~FOR~~ FOR SER
~~FOR~~

SUBJECT: ENVIRONMENTAL QUALIFICATION OF SAFETY-RELATED ELECTRICAL EQUIPMENT

RE: Turkey Point Plant, Unit Nos. 3 and 4, License Nos. DPR-31
and DPR-41

Reference (a) - Order for Modification of License Concerning the Environmental
Qualification of Safety-Related Electrical Equipment dated
October 24, 1980.

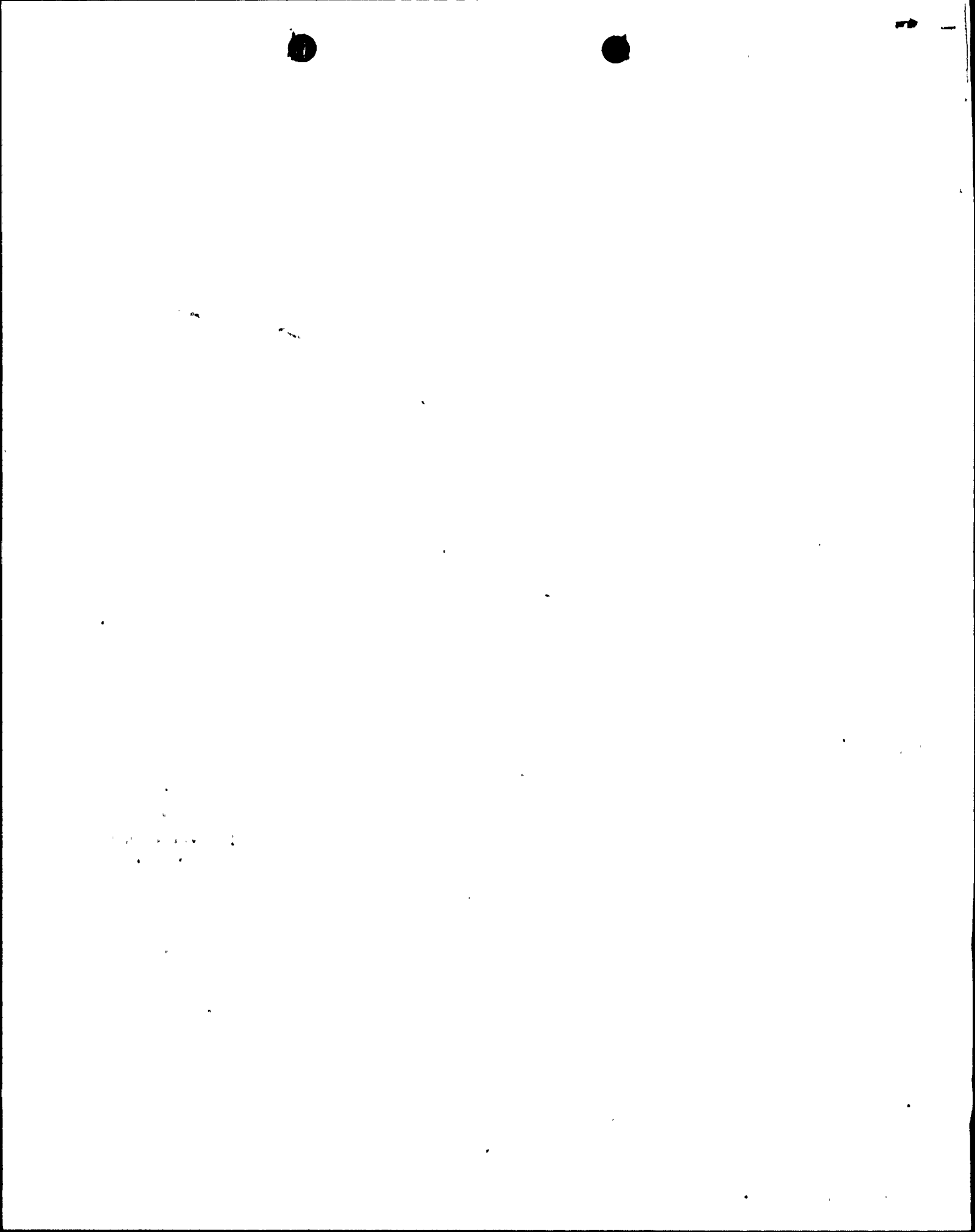
Dear Dr. Uhrig:

This letter transmits the Safety Evaluation for the Environmental Qualification of Safety-Related Electrical Equipment at your facilities. This evaluation was based on your submittals dated June 2, 1980, July 3, 1980, October 31, 1980 and February 27, 1981. Our letter of February 11, 1981, which forwarded our preliminary results; indicated that an item-by-item re-evaluation would be required at a later date. This safety evaluation identifies the specific information required by the staff and the actions, on your part, necessary to comply with Reference (a). We request that you provide the information identified in sections 3 and 4 of this Safety Evaluation to us within 90 days.

This Safety Evaluation addresses only the safety-related electrical equipment exposed to a harsh environment resulting from an accident (i.e., the IEB 79-01B review). Reference (a) requires that all safety-related electrical equipment be qualified by June 30, 1982. The NRC review effort for the equipment in mild environments will be addressed by separate correspondence.

Your response may present alternatives to the staff positions in the evaluation. The staff will consider alternative approaches if these methods are within the DOR Guidelines or NUREG-0588, as appropriate. For example, an acceptable alternative to the NRC staff's temperature criterion used for the service conditions (i.e. Section 3.3) must base that service condition on the FSAR analysis or other NRC approved analysis, provided that the specific analysis, together with reference to the previous NRC acceptance of that analysis, accompanies the 90 day response. In addition, some of the information in the Safety Evaluation may require clarification. Contact your project manager for assistance in these matters.

8106010421



It remains your responsibility to assure that the qualification deadline is met for all safety-related electrical equipment. The staff's review of your response to this letter should not delay any action which is required in order to meet the deadline.

Sincerely,



Steven A. Varga, Chief
Operating Reactors Branch #1
Division of Licensing

Enclosures:

1. SER
2. TER

cc w/o encl:
See next page



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Robert E. Uhrig
Florida Power and Light Company

cc: Mr. Robert Lowenstein, Esquire
Lowenstein, Newman, Reis and Axelrad
1025 Connecticut Avenue, N.W.
Suite 1214
Washington, D. C. 20036

Environmental and Urban Affairs Library
Florida International University
Miami, Florida 33199

Mr. Norman A. Coll, Esquire
Steel, Hector and Davis
1400 Southeast First National
Bank Building
Miami, Florida 33131

Mr. Henry Yaeger, Plant Manager
Turkey Point Plant
Florida Power and Light Company
P. O. Box 013100
Miami, Florida 33101

Honorable Dewey Knight
County Manager of Metropolitan
Dade County
Miami, Florida 33130

Bureau of Intergovernmental Relations
650 Apalachee Parkway
Tallahassee, Florida 32304

Resident Inspector
Turkey Point Nuclear Generating Station
U. S. Nuclear Regulatory Commission
Post Office Box 1207
Homestead, Florida 33030

Director, Criteria and Standards Division
Office of Radiation Programs (ANR-460)
U. S. Environmental Protection Agency
Washington, D. C. 20460

U. S. Environmental Protection Agency
Region IV Office
ATTN: EIS COORDINATOR
345 Courtland Street, N.W.
Atlanta, Georgia 30308

Mr. Jack Shreve
Office of the Public Counsel
Room 4, Holland Building
Tallahassee, Florida 32304

Administrator
Department of Environmental
Regulation
Power Plant Siting Section
State of Florida
2600 Blair Stone Road
Tallahassee, Florida 32301






April 4, 1981

Office of Management Information
and Program Controls
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Gentlemen:

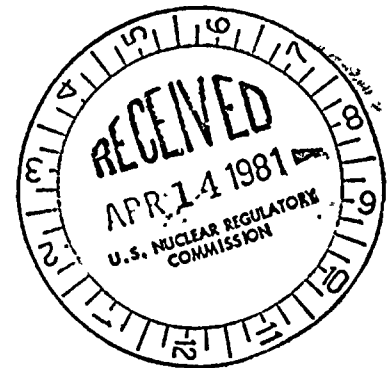
Attached are the March, 1981, Operating Summary Reports
for Turkey Point Unit Nos. 3 and 4 and St. Lucie Unit
No. 1.

Very truly yours,


A. D. Schmidt
Vice President
Power Resources

VTC/ddc

cc: Mr. James P. O'Reilly
Robert Lowenstein, Esquire



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SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50 - 250

UNIT Turkey Point
Unit No. 3

DATE April 4, 1981

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

REPORT MONTH MARCH, 1981

Unit No. 3 was removed from service for scheduled refueling, maintenance, and inspections. (Continued from previous month) Refer to "Unit Shut-downs and Power Reductions" section of April, 1981, Operating Status Report for additional information.

Major Safety-related maintenance activities performed during the month included:

Inspections and requirements of IE Bulletins and NUREG-0578 are continuing.

Florida Power & Light Company commitments for NUREG-0578 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

Completed performance of Steam Generator Tube Inspection Program.

Installation of 40 new fuel assemblies in progress.

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50 - 251

UNIT Turkey Point
Unit No. 4

DATE April 4, 1981

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

REPORT MONTH MARCH, 1981

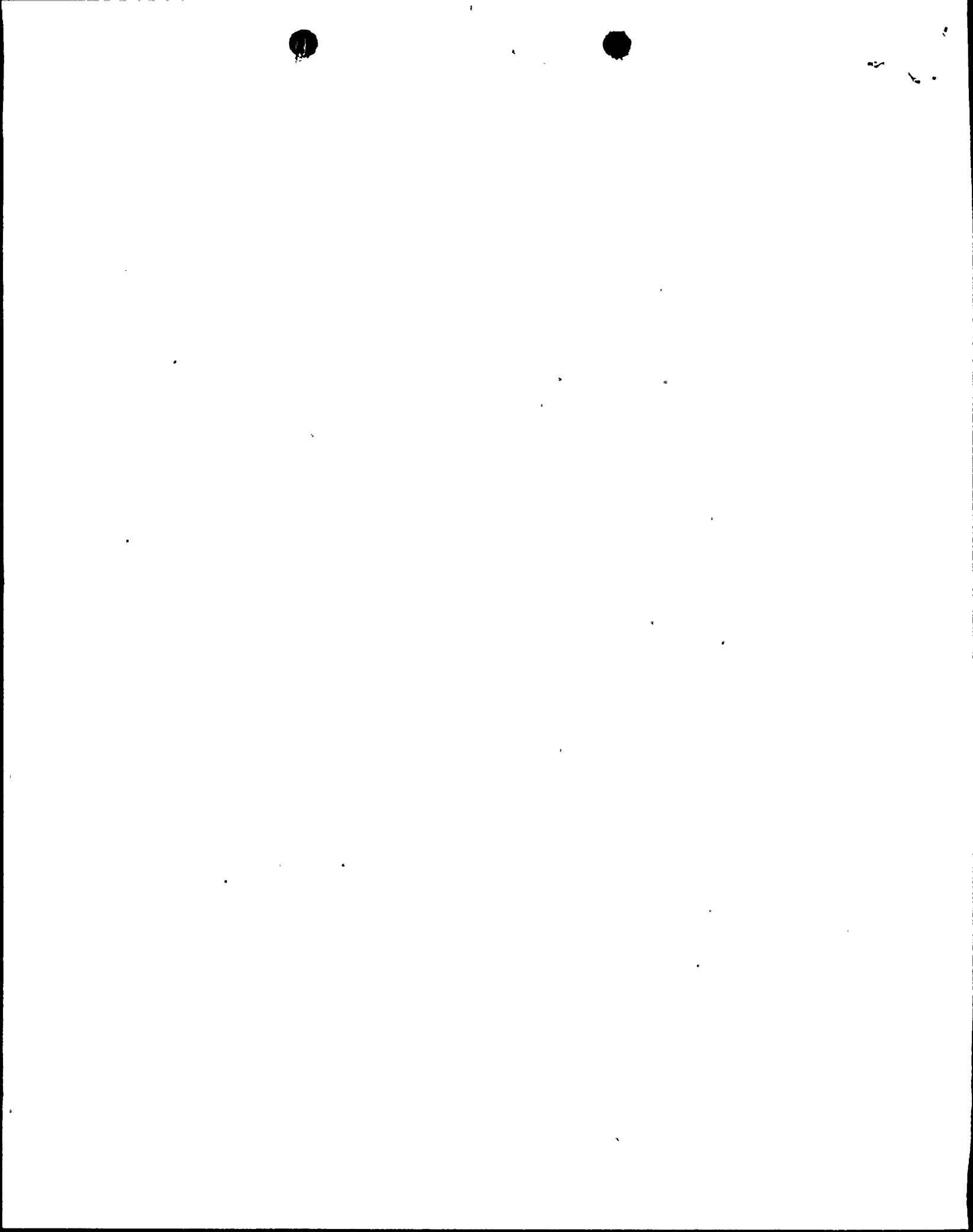
Unit No. 4 operated at approximately 100% R.P., except for outage of March 22-29, 1981. Refer to "Unit Shutdowns and Power Reductions" section of the March, 1981, Operating Status Report for additional information.

Major Safety-related maintenance activities performed during the month included:

Inspections and requirements of IE Bulletins and NUREG-0578 in progress.

Florida Power & Light Company commitments for NUREG-0578 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

Repaired and modified motor terminal box for reactor coolant pump No. 4A.



SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50 - 335

UNIT St. Lucie
Unit No. 1

DATE April 4, 1981

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

REPORT MONTH .MARCH, 1981

Unit operated at approximately 100% R.P. Refer to "Unit Shutdowns and Power Reductions" section of the April, 1981, Operating Status Report for additional information.

Major Safety-related maintenance activities performed during the month included:

Inspections and requirements of IE Bulletins and NUREG-0578 are continuing.

Florida Power & Light Company commitments for NUREG-0578 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.