



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555
June 15, 1990

Docket Nos. 50-250
and 50-251

Mr. J. H. Goldberg
Executive Vice President
Florida Power and Light Company
P.O. Box 14000
Juno Beach, Florida 33408-0420

Dear Mr. Goldberg:

SUBJECT: TURKEY POINT UNITS 3 AND 4 - SAFETY EVALUATION FOR PROPOSED
IMPLEMENTATION OF THE STATION BLACKOUT RULE (10 CFR 50.63) (TAC
NOS. 68618 AND 68619)

The purpose of this letter is to transmit the enclosed Safety Evaluation (SE). This SE is associated with the Florida Power and Light (FPL) Company's proposed design to meet the requirements of the Station Blackout (SBO) Rule (10 CFR 50.63) at the Turkey Point Plant, Units 3 and 4.

The SBO rule requires licensees to submit information as defined in 10 CFR Part 50.63 and to provide a plan and schedule for conformance to the SBO rule. Your response to the SBO rule was provided by a letter L-89-144 from W. F. Conway to U. S. Nuclear Regulatory Commission, dated April 17, 1989.

The FPL response was reviewed by the NRC staff and by Science Applications International Corporation (SAIC) under contract to the NRC. In addition, a site audit was performed by a joint NRC/SAIC team headed by a NRC staff member on October 17-19, 1989. Subsequent to the audit, you submitted supplemental information dated March 29, 1990 to address specific items raised and discussed during the audit. The results of the staff reviews are discussed in the enclosed SE and the SAIC Technical Evaluation Report (TER) SAIC-89/1642, "Turkey Point Units 3 and 4, Station Blackout Evaluation," dated June 11, 1990 (Attachment 1 of the enclosure).

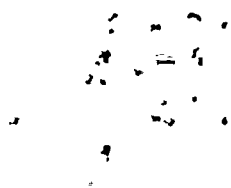
We find your response and proposed method of dealing with an SBO to be acceptable. However, the staff's evaluation determined the required coping duration to be 8 hours (based on an emergency diesel generator [EDG] target reliability of 0.95) whereas FPL has determined the required coping duration to be 4 hours. Although FPL disagrees with the 8-hour coping assessment, you have stated that you can meet the 8-hour coping requirement. You are requested to formally confirm this, particularly with respect to the adequacy of the ventilation in the areas of concern, and the capability of the alternative AC (AAC) source for the additional loads that would be required (e.g., for HVAC and battery charging).

In addition, the following areas may require follow-up inspection by the NRC to verify that the implementation of any modifications and the supporting documentation which the FPL may propose as a result of this evaluation are adequate to meet the Station Blackout Rule. Inspection guidance for this is being developed at NRC.

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- a. Hardware and procedural modifications,
- b. SBO procedures, in accordance with Regulatory Guide 1.155, Position 3.4, and NUMARC 87-00, Section 4,
- c. Operator staffing and training to follow the identified actions in the SBO procedures,
- d. EDG reliability program to meet, as a minimum, the guidelines of RG 1.155,
- e. Equipment and components required to cope with an SBO, to be incorporated in a QA program that meets the guidance of RG 1.155, Appendix A, and
- f. Actions taken pertaining to the specific recommendations noted in the SE.

The guidance provided on Technical Specifications (TS) for an SBO states that the TS should be consistent with the Interim Commission Policy Statement on Technical Specifications. The question of how specifications for the SBO equipment will be applied is currently being considered generically by the NRC in the context of the Technical Specification Improvement Program and remains unresolved at this time. In the interim, the staff expects plant procedures to reflect the appropriate testing and surveillance requirements to ensure the operability of the necessary SBO equipment. If the staff later determines that TS regarding the SBO equipment are warranted, you will be notified of the implementation requirements.

By this letter we are closing TAC Nos. 68618 and 68619. We request you advise us when your implementation of the SBO rule is complete.

Sincerely,

Original signed by

Gordon E. Edison, Sr. Project Manager
 Project Directorate II-2
 Division of Reactor Projects - I/II
 Office of Nuclear Reactor Regulation

Enclosures:
 As stated

cc w/enclosures:
 See next page

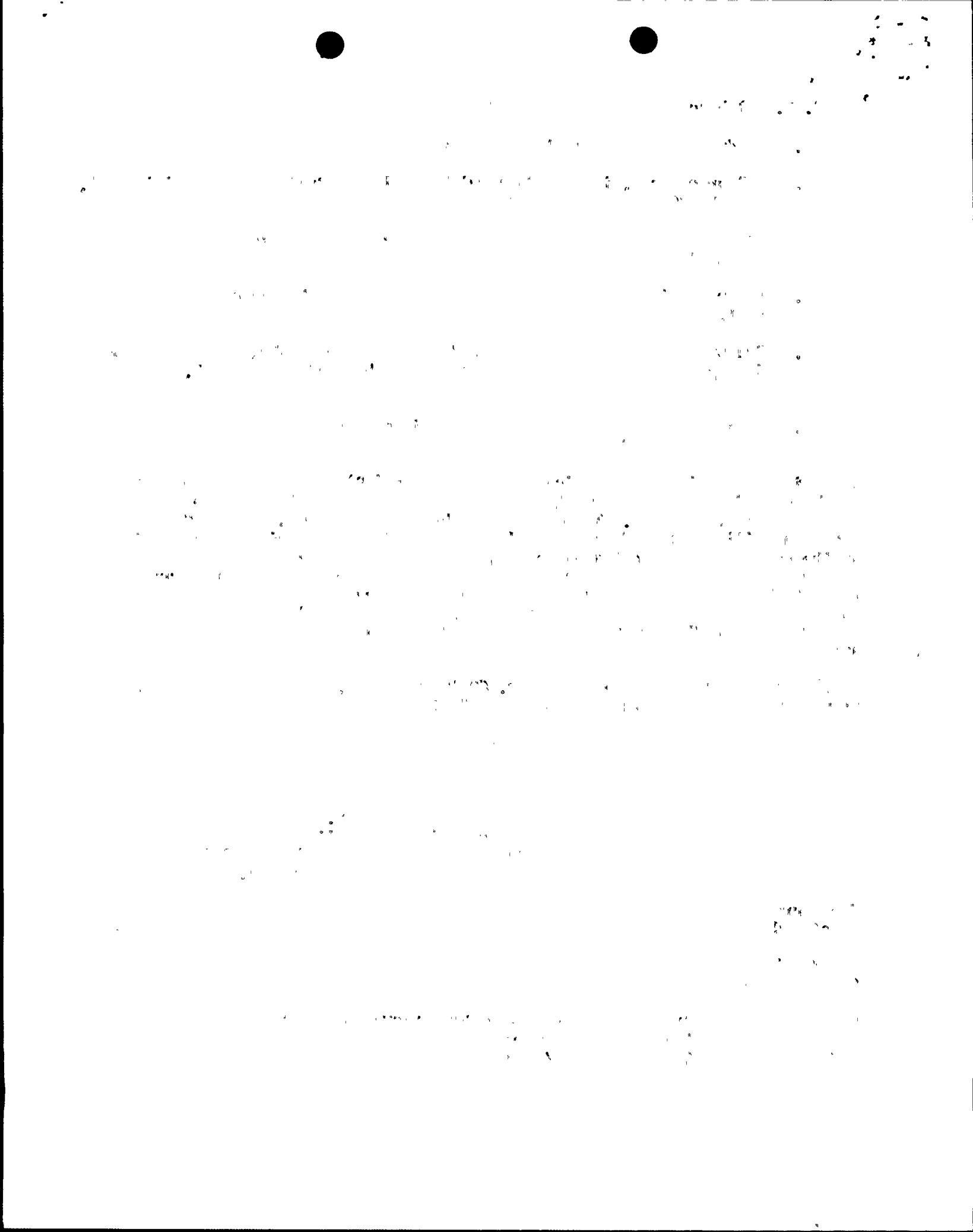
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TURKEY/STATION BLACKOUT



Mr. J. H. Goldberg
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Turkey Point Plant

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