



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

NOV 22 1989

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 DESIGN VALIDATION INSPECTION (50-250 AND 50-251/89-203)

This letter conveys the results and conclusions of the Design Validation Inspection (DVI) of the Turkey Point Nuclear Power Plant, Units 3 and 4. The inspection was performed at both the Turkey Point site and the Nuclear Engineering offices at Juno Beach during the periods of September 11-15, September 25-29, and October 12-13, 1989. The inspection report is enclosed.

The purpose of the inspection was to assess the effectiveness of the actions that Florida Power and Light Company has implemented as part of the Turkey Point Performance Enhancement Program (PEP) Project 4 on configuration control. The inspection team performed a Safety System Functional Inspection (SSFI) on three systems to review the implementation of the PEP actions.

The inspection team concluded that the facility exhibited a weakness by confining its Design Basis Documentation (DBD) verification effort to the system level aspects only. Numerous errors were identified by the inspection team with respect to the component level information.

The team had additional concerns with the multiple instances in which seismic and anchorage analyses were not available to substantiate the adequacy of major components in the component cooling water system. The team also found errors in the electrical and piping calculations which indicate the need to implement the planned essential calculations program and to perform more thorough technical verification of the output calculations. Some operating procedures were found in error with respect to valve lineup configuration. Based on the identified design output document and design interface control problems, the team concluded that greater technical oversight is needed on the part of Florida Power and Light with respect to contractor work products.

On a positive note, the team found that maintenance initiatives, such as the analysis-based preventive maintenance program, yielded beneficial results and the system level DBDs were deemed well prepared.

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Mr. J.H. Goldberg

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Region II will determine if any of the identified issues require enforcement action and will notify you under separate correspondence. In accordance with 10 CFR 2.790(a), a copy of this letter and the enclosure will be placed in the Public Document Room.

You are requested to respond to this office within 60 days to inform us of the actions taken related to the designated items identified in this report and the date by which these actions will be available for followup inspection. Should you have any questions concerning this inspection, please contact me or Mr. Robert Gramm (301-492-0991).

Sincerely,

Original signed by

Steven A. Varga, Director
Division of Reactor Projects I/II
Office of Nuclear Reactor Regulation

Enclosures:

- 1. NRC Inspection Report 50-250 and 50-251/89-203

cc: See next page

Distribution: See page 4

Document Name: TURKEY REPORT

*See previous concurrence

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11/21/89

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NAME	:RAGramm*	:EVIbro*	:WDLanning*	:BKGrimes*	:SAVarga*
DATE	:11/16/89	:11/16/89	:11/19/89	:11/21/89	:11/21/89

The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry should be supported by proper documentation and that the books should be kept up-to-date at all times.

In the second section, the author details the various methods used to collect and analyze data. This includes the use of standardized forms, regular audits, and the application of statistical techniques to identify trends and anomalies.

The final section outlines the procedures for reporting and reviewing the information. It stresses the need for transparency and accountability, ensuring that all stakeholders have access to the necessary data to make informed decisions.

The following table provides a summary of the key findings from the study. It shows a clear upward trend in the number of transactions over the period, with a significant increase in the latter half of the year.

It is noted that the data indicates a strong correlation between the variables studied. This suggests that the factors being analyzed are highly interrelated and that changes in one area can have a significant impact on the others.

The data collected over the past six months shows a consistent pattern of growth. This is particularly evident in the areas of sales and production, where there has been a steady increase in output and revenue.

However, it is also important to note that there have been some challenges in certain areas, such as increased costs and delays in the supply chain. These factors have had a negative impact on the overall performance and must be addressed to ensure continued success.

In conclusion, the findings of this study provide valuable insights into the current state of the organization. They highlight the areas of strength and identify the key challenges that need to be tackled. By implementing the recommended strategies, the organization can improve its efficiency and achieve its long-term goals.

Mr. J.H. Goldberg

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NAME	:RAGramm*	:EVIbro*	:WDLanning*	:BKGrimes	:SAVarga	:
DATE	:11/16/89	:11/16/89	:11/19/89	:11/21/89	:11/ /89	:



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Mr. J.H. Goldberg

-2-

You are requested to respond to this office within 60 days to inform us of the date by which actions related to all the items identified in this report will be available for followup inspection. Should you have any questions concerning this inspection, please contact me or Mr. Robert Gramm (301-492-0991).

Sincerely,

Steven A. Varga, Director
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Office of Nuclear Reactor Regulation

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Mr. J.H. Goldberg

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Mr. J.H. Goldberg

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Distribution:

Docket File 50-250 and 50-251

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EVImbro, NRR

RAGramm, NRR

TEMurley, NRR

JHSniezek, NRR

GEEEdison, NRR

HNBERKOW, NRR

RLSpessard, AEOD

RWBorchardt, EDO

RVCrlenjak (RII)

FJape (RII)

MVSinkule (RII)

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ACRS (3)

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Regional Administrators

Regional Division Directors

PDR

LPDR

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