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FACIL:50-250 Turkey Point Plant, Unit 3, Florida Power and Light C 05000250
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CONWAY,W.F. Florida Power & Light Co.
RECIP.NAME RECIPIENT AFFILIATION
Document Control Branch (Document Control Desk)

SUBJECT: Provides util work plan & schedule for proposed enhancement of existing onsite power distribution sys.

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U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D. C. 20555

Gentlemen:

Re: Turkey Point Units 3 and 4
Docket Nos. 50-250 and 50-251
Emergency Power System (EPS)
Enhancement Project

In June of 1987, FPL met with the NRC to discuss the proposed enhancement of the existing onsite power distribution system at Turkey Point Units 3 and 4. This meeting was intended to further the NRC's understanding of the enhancement project in order to ensure that the project be implemented in a timely manner acceptable to the NRC.

Since our meeting in June 1987, FPL has continued working to define the numerous activities required to successfully implement the enhancement project. As part of this effort, FPL has developed a detailed work plan and schedule for the various licensing submittals and NRC reviews considered necessary and appropriate for a project of this nature. The purpose of this letter is to provide our licensing work plan and schedule for your information and future planning.

The licensing effort associated with the emergency power system enhancement project will entail the development and submittal of three specific documents for NRC review and approval. The scope of each document, its purpose relative to the enhancement project and schedule for review and approval is detailed in the attachments.

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As discussed with Dr. G. Edison, Project Manager, NRC, FPL will give a presentation on the EPS Enhancement Project in the near future. Included in this presentation will be a review of our licensing work plan and schedule. Therefore, any questions concerning the attached information can be discussed at that time. This information will be helpful in increasing the NRC's understanding of the enhancement project and the licensing activities necessary to support its successful implementation.

Should there be any questions, please contact us.

Very truly yours,

W. F. Conway
Senior Vice President - Nuclear

WFC/RG/gp

Attachments

cc: Dr. J. Nelson Grace, Regional Administrator,
Region II, USNRC
Senior Resident Inspector, USNRC, Turkey Point Plant

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EPS ENHANCEMENT PROJECT
LICENSING WORK PLAN

The licensing work plan associated with the EPS Enhancement Project would entail the development and issuance of three separate NRC submittals. Our first submittal would consist of a design report which describes the planned modifications to the existing power distribution system and how the enhanced power distribution system would operate under normal and design basis conditions. In addition, the proposed approach for implementing the required electrical system modifications during plant operation or outage conditions would be explained. The purpose of this submittal would be to obtain NRC approval of the enhanced electrical system configuration since it will result in Technical Specification changes. Our scheduled issue date for this first submittal is June 24, 1988.

Our first submittal would be supplemented by two follow-up sections. The first supplemental section would describe FPL's approach towards qualifying and testing the enhanced power distribution system prior to declaring the system operable. The second supplement would contain a safety evaluation for the enhanced power system. The scheduled issue dates for the first and second supplements are September 30, 1988 and January 31, 1989 respectively.

Pending a favorable NRC review of our first submittal and each supplement, FPL would issue a second submittal containing the required Technical Specification changes and supporting No Significant Hazards Evaluations. Our scheduled issue date for this submittal is April 28, 1989.

Our third and last submittal associated with this project would present FPL's position on resolution of Station Blackout for Turkey Point. Although proposed NRC requirements with respect to Station Blackout have not been finalized at this time, we have scheduled issuance of this third submittal in October 1989.

WORK PLAN OUTLINE

		(Scheduled Issue Date)
Submittal #1	- EPS Enhancement Report. This submittal would contain system design/operating information, a discussion of our proposed implementation plan, and a preliminary power distribution system FMEA	(6/24/88)
o Supplement #1	- Testing - This section would discuss: - EDG Qualification (300 start test as appropriate) - Factory Production Test for EDG's - Field Startup Testing - Pre-op and Safeguards Testing	(9/30/88)
o Supplement #2	- Safety Evaluation - This section would include: - Review of FSAR Chapter 14 accidents - Final EPS FMEA results - PRA results	(1/31/89)
Submittal #2	- Revised Technical Specifications and No Significant Hazards Evaluation	(4/28/89)
Submittal #3	- Station Blackout - This submittal would contain FPL's position and supporting justification for resolution of station blackout.	(10/89)

EPS ENHANCEMENT PROJECT
LICENSING SUBMITTAL SCHEDULE