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BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2
DOCKET NOS. 50-325 & 50-324/LICENSE NOS. DPR-71 & DPR-62
UPDATE OF BRUNSWICK NUCLEAR PLANT THREE-YEAR BUSINESS PLAN

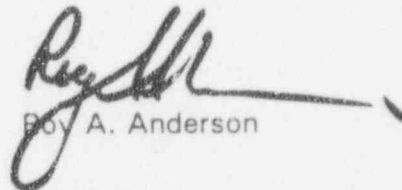
Gentlemen:

This letter provides to the NRC staff an update of Carolina Power & Light Company's "Brunswick Nuclear Plant Three Year Business Plan." The plan was submitted in a December 31, 1993 letter (BSEP 93-0222) and updated by a letter dated May 4, 1994 (BSEP 94-0151).

This update reflects accomplishments through July 31, 1994 and documents the current status of the BNP Three-Year Business Plan initiatives and projects. Enclosure 1 provides a summary of this BNP Three-Year Business Plan update. Enclosure 2 provides the BNP Three-Year Business Plan update.

As noted in our May 4, 1994 letter, CP&L will continue to update the NRC staff on the status of the BNP Three-Year Business Plan during quarterly NRC/CP&L management meetings. Please refer any questions regarding this submittal to Mr. R. P. Lopriore, Manager - Regulatory Affairs at (910) 457-2212.

Very truly yours,



Roy A. Anderson

WRM/wrm

Enclosures

1. Summary BNP Three-Year Business Plan Update
2. BNP Three-Year Business Plan dated August 2, 1994

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Mr. Stewart D. Ebner
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cc: Mr. P. D. Milano, NRR Senior Project Manager - Brunswick Units 1 and 2
Mr. C. A. Patterson, Brunswick NRC Senior Resident Inspector
NRC Document Control Desk
The Honorable H. Wells, Chairman - North Carolina Utilities Commission

ENCLOSURE 1

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2 DOCKET NOS. 50-325 & 50-324 LICENSE NOS. DPR-71 & DPR-62

SUMMARY OF BRUNSWICK NUCLEAR PLANT THREE-YEAR BUSINESS PLAN UPDATE

Introduction

The Brunswick Nuclear Plant (BNP) Three-Year Business Plan consists of improvement initiatives and projects which support BNP's objective of continuously improving performance to achieve "world class" results.

In December 1992, BNP established the BNP Three-Year Plan to support achievement of "world class" performance. In December 1993, the BNP Three-year Business Plan was developed to ensure alignment with the budget process, more accurately reflect the strategic plan, and eliminate ambiguity of regulatory commitments, as well as facilitating management of emergency issues, outage schedule changes, and ongoing management involvement in plan implementation.

Controlled processes have been implemented to ensure that any changes to the BNP Three-Year Business Plan are carefully evaluated based on a balanced consideration of plant safety, reliability, and economics. Additions, deletions, and changes to plan initiatives are approved by the Vice President-Brunswick Nuclear Plant in accordance with the guidance established under Initiative TY102, BNP Integrated Scheduling and Three Year Plan Administration.

Management oversight of the projects reflected in the BNP Three-Year Business Plan is provided by the Plant Review Group (PRG). The PRG is chaired by the Plant General Managers and includes management from key site functions. The PRG reviews projects in accordance with the CP&L Nuclear Generation Group Guideline for Three-Phase Project Evaluation and Authorization. Each project has a study, design, and implementation phase, and PRG review and concurrence must be obtained prior to implementation of each phase. This process ensures ongoing assessment of the relative safety significance of existing and emerging issues, project scope changes, priorities, schedules, and costs.

Plan Accomplishments

As previously noted, the BNP Three-Year Business Plan consists of improvement initiatives and projects that support the Brunswick Nuclear Plant's objective of continuous improvement. Both initiatives and project accomplishments are updated herein.

Since the May 4, 1994 update, four (4) initiatives were task complete, including the Effective Performance Management, Improved Procedure Control and Content, Establishment of "World Class Performance" Culture, and Clearance Process Improvements. These enhancements, along with other completed and ongoing improvements, have resulted in further maintenance backlog reductions and continued

improvement in the material condition of the units (including service water and circulating water intake structure and Control Building HVAC system). The enhancements have, in addition, contributed to the continued smooth operation of both units as well as the smooth and successful restart of Unit 2 from the recent refueling outage.

Since the May 4, 1994 update, twelve (12) projects have been completed, including one project ahead of schedule. Completed projects include the Unit 2 refuel outage projects associated with digital feedwater control system installation, jet pump beam replacement, core shroud modification, digital steam leak detection system installation, reactor vessel level reference leg backfill modification, and an upgrade of the condenser water box air removal system. Significant projects have also been added to the plan, including core thermal uprate, turbine upgrade, and ECCS suction strainers.

Plan Status

This plan update documents the current status of the initiatives and projects which comprise the BNP Three-Year Business Plan. Changes to initiatives and projects resulting from BNP management review, along with the associated change justifications, are documented in the plan.

Five (5) initiatives have been added since the last update. Sixteen (16) of the original 40 initiatives in the BNP Three-Year Business Plan are ongoing. Of the ongoing initiatives, three (TY303, "Improved Ability To Identify and Correct Problems;" TY501, "Preventive/Predictive Maintenance Program Improvements;" and TY511, "ALARA Initiatives, Source Term Reduction") have been augmented to better achieve the desired objectives. Thirteen (13) of the original objectives have been superseded by other processes and programs. Eleven (11) initiatives are task complete. Self assessments of these initiatives have been scheduled to assess effectiveness of the completed tasks.

Twelve (12) projects were completed during this update including one earlier than planned. Six (6) new projects have been added to the plan. Ten (10) projects included in the previous plan have been canceled due to issues being resolved through routine maintenance and engineering support, or other existing programs.

Currently, projects in progress include the security computer upgrade, supplemental spent fuel pool cooling system piping, service water pump replacement, Unit 1 emergent structural repairs, and upgrade of the operations work area. In addition, planning is in progress to support the upcoming Spring 1995 B110R1 refueling outage.

Conclusion

BNP Three-Year Business Plan implementation continues to be managed to ensure that improvement trends continue. Plan implementation continues to be result (not activity) driven, focusing on improving methods and supporting plant priorities. Future focus is on completing assessment reviews of the task complete initiatives.

The BNP Three-Year Business Plan directly supports accomplishment of the Brunswick Nuclear Plant's mission to make electricity in a safe, reliable, economic, and environmentally sound manner.