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Vogle Project

May 10, 1985

Director of Nuclear Reactor Regulation
Attention: Ms. Elinor G. Adensam, Chief
Licensing Branch #4
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

File: X7BC35
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REF: BAILEY TO DENTON, GN-596, DATED 5/2/85

NRC DOCKET NUMBERS 50-424 AND 50-425
CONSTRUCTION PERMIT NUMBERS CPPR-108 AND CPPR-109
VOGTLE ELECTRIC GENERATING PLANT - UNITS 1 AND 2
REQUEST FOR ADDITIONAL INFORMATION
FSAR CHAPTER 13 DRAFT SER OPEN ITEMS

Dear Mr. Denton:

Enclosed for your staff's review are changes to Chapters 13 and 14 which are a result of a teleconference on April 26, 1985. The majority of the information was transmitted by the referenced letter. The items remaining are enclosed and will be incorporated in Amendment 17.

If your staff requires any additional information, please do not hesitate to contact me.

Sincerely,

J. A. Bailey
Project Licensing Manager

JAB/sm
Enclosure

xc: D. O. Foster
R. A. Thomas
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procedures. These procedures provide guidelines for the following: administrative controls, system operation, fire fighting activities, fire brigade and general personnel training, and agreements with local offsite fire departments, as described in subsection 9.5.1.

L. Crane Operation Procedures

Crane administrative operating procedures require that crane operators who operate cranes over fuel pools will be qualified and conduct themselves in accordance with ANSI B30.2-1976 (chapters 2 and 3), Overhead and Gantry Cranes.

M. Temporary Procedures

Temporary procedures are issued as required to provide detailed instructions for specific jobs that are of a specific duration.

N. Emergency Core Cooling System Outage Data Collection Procedures

These procedures are developed for collection of emergency core cooling system outage data in accordance with NUREG-0737, item II.K.3.17; this data will be reported to the Nuclear Regulatory Commission in accordance with the Technical Specifications.

O. Initial Test Program Administration Procedures

The administrative procedures that establish controls for that part of the initial test program prior to fuel load are described in the VEGP startup manual. The administrative controls for that part of the initial test program after fuel load are included in the plant procedures manual or the startup manual.

Insert O →

P. Plant Security Procedures

Plant security procedures provide for the implementation of the security plan. (See section 13.6.)

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The administrative control provides provisions for plant modifications and repairs. Needed Plant Modifications and repairs identified during the Initial Test Program are documented by various mechanisms including; Operations Deficiency Reports, Maintenance Work Orders, Requests for Engineering Assistance, and Change Control Packages. These are tracked to completion on the Master Tracking System. Permanent Plant Equipment modifications to safety-related equipment are reviewed by the original or other designated design organization.

During the Initial Test Program, modifications and repairs are implemented by Maintenance Work Orders. The Maintenance Work Orders establishes controls to assure that appropriate retesting is performed following modifications and repairs.

Included in these controls are provisions for adherence to procedures.

These programs are further described in the Startup Manual and Plant Procedure Manual.

J. Attachments

This section shall contain any attachments necessary to fully document the test results. Recorder traces, computer printouts, pump curves, etc., may be included as attachments.

14.2.2.2 Procedure Review and Approval

See Insert

~~The plant manager or his designee is responsible for the review and approval of initial test program test procedures. In general, preoperational test procedures will go through a minimum of two review cycles by the designated reviewers, Bechtel Power Corporation, Westinghouse Electric Corporation, and GPC. Startup test procedures will be reviewed as designated by the plant manager.~~

~~Comments from the designated reviewers will be consolidated by the procedure coordinator and returned to the procedure writer. The procedure writer will incorporate the comments in the procedure or will justify the reasons for not including the comments in the test procedure.~~

~~As a minimum, the test procedures listed in this chapter will be submitted for review to the test review board for preoperational test procedures or to the plant review board for startup test procedures prior to approval by the plant manager or designee. Upon the applicable review board's recommendations, the plant manager or his designee will be responsible for obtaining any necessary changes and resubmitting the procedure to the appropriate review board. Upon the applicable review board's recommendations, the plant manager or designee shall approve the procedure. Subsequent changes to preoperational test procedures are reviewed and approved or disapproved by the test review board. Changes to startup tests will be reviewed and approved or disapproved by the plant review board.~~

~~The detailed procedures covering procedure preparation, review, and approval are provided in the startup manual for preoperational test procedures and in the plant procedures manual for startup test procedures.~~

14.2.2.3 Conduct of the Test Program

Georgia Power Company administers and conducts the initial test program using approved procedures. System turnover is made by the construction department to the power generation department.

Insert to:

Procedure Review & Approval

14.2.2.2 The General Manager Vogtle Nuclear Operations or his designee, the Initial Test Program Manager (ITPM), is responsible for the review and approval of ~~P~~reoperational ~~T~~est ~~P~~rocedures and startup test procedures. In general ~~P~~reoperational ~~T~~est ~~P~~rocedures and startup test procedures go through a minimum of two review cycles prior to submittal to the Test Review Board for preoperational test procedures and Plant Review Board for startup test procedures. Each cycle includes reviews by Georgia Power Company test supervisor, Bechtel Power Corporation representative, and/or the Westinghouse Electric Corporation representative as appropriate.

As a minimum, the ~~P~~reoperational and startup test procedures listed in this chapter are submitted for review to the Test Review Board or Plant Review Board. Test ~~P~~rocedures that are not satisfactory are resolved under the direction of the board prior to recommendation for approval. The Test Review Board and Plant Review Board recommend approval to the General Manager Vogtle Nuclear Operations or his designee of procedures found acceptable. The General Manager Vogtle Nuclear Operations or his designee approves the procedure.

Subsequent revisions to the Preoperational Test Procedure and startup test procedure are handled in a manner similar to a new procedure.

Qualifications of the above plant personnel who review and approve preoperational and startup test procedures are addressed in section 13.1.2.

The above processes are further described in the Startup Manual.

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Upon acceptance of the turnover, administrative controls (detailed in the startup manual) become effective.

All phases of testing (with the exception of certain construction-performed tests) are under the control of the system test supervisor.

Construction acceptance testing generally begins at the time of equipment/system turnover. This testing must be completed, or excepted (as provided for in the startup manual), prior to beginning the preoperational test. The procedure for development of construction acceptance testing procedures is provided in the startup manual.

Whenever practical, cleanliness verification testing will be performed, using approved procedures, prior to the initiation of fluid flow in the system during preoperational testing. Upon completion of construction acceptance testing, subject to the priorities of the startup schedule(s), the preoperational tests are performed.

The preoperational test phase will be governed by procedures in the startup manual. The startup test phase will be governed by plant procedures.

14.2.2.4 Review, Evaluation, and Approval of Test Results

See Insert

~~The results of the preoperational and startup tests are reviewed initially by the test supervisor and the appropriate test coordinator. When all acceptance criteria for preoperational tests are met (or excepted), the tests listed in this chapter will be submitted to the test review board. For startup tests, the test will be submitted to the plant review board once the acceptance criteria have been met (or excepted).~~

~~The members of the applicable review board will review the test results. Test results that are not satisfactory will be resolved under the direction of the board prior to test acceptance. Once acceptance criteria have been met to the board's satisfaction, the members will recommend that the plant manager or designee approve the test as complete. Completed tests will become part of the permanent plant record.~~

Insert to:

14.2.2.4

Review, Evaluation, and Approval to Test Results

Upon completion of a ~~P~~reoperational ~~T~~est and/or startup test, the test supervisor prepares a test results package and submits it for review.

The General Manager Vogtle Nuclear Operations or his designee, the Initial Test Program Manager (ITPM), is responsible for the review and approval of ~~P~~reoperational ~~T~~est and ~~S~~tartup ~~T~~est results. In general, preoperational and startup test results are reviewed and approved by the same organizations and levels of authority as reviewed and approved the pre-operational test procedure and startup test procedure. This includes a review of comments by the Georgia Power Company test supervisor, Bechtel Power Corporation representative and/or Westinghouse Electric Corporation representative as appropriate to submittal of a preoperational and startup test results package to the appropriate review board. As a minimum, results of preoperational and startup tests listed in this chapter are submitted to the Test Review Board.

The Test Review Board reviews the ~~P~~reoperational ~~T~~est results package and the Plant Review Board reviews startup test results package. Test results packages that are not satisfactory are resolved under direction of the board prior to recommendation of the package for approval. The Test Review Board and Plant Review Board recommends approval to the General Manager Vogtle Nuclear Operations or designee of test results packages found acceptable. The General Manager Vogtle Nuclear Operations or designee approves the test results package as complete. Completed test result packages become part of the permanent plant records.

Qualifications of the above referenced plant personnel who review and approve preoperational and startup test results is addressed in Section 13.1.2.

The above process is further described in the Startup Manual.