

JUL 05 1977

Docket No. 50-302

Florida Power Corporation
ATTN: Mr. J. T. Rodgers
Assistant Vice President and
Nuclear Project Manager
P. O. Box 14042
St. Petersburg, Florida 33733

Gentlemen:

SUBJECT: ISSUANCE OF AMENDMENT NO. 5 TO FACILITY OPERATING LICENSE
NO. DPR-72 FOR CRYSTAL RIVER UNIT 3 NUCLEAR GENERATING
PLANT

The Nuclear Regulatory Commission has issued the enclosed Amendment No. 5 to Facility Operating License No. DPR-72 which is effective as of the date of issuance. Amendment No. 5 revises the Technical Specifications, Appendix A to the Facility Operating License to reflect revisions in the offsite organization for technical support and facility management incurred by corporate level management changes and revisions in management titles at the plant staff level. The license is amended by making the appropriate changes in Section 6.0, Administrative Controls, of the Technical Specifications as indicated in the attachment to License Amendment No. 5.

Amendment No. 5 does not allow the changes requested by you to the wording of Specification 6.5.2.8 related to the review activities of the Nuclear General Review Committee (NGRC), and does not allow the deletion of the requirement that the NGRC review the reports and meeting minutes of the Plant Review Committee. Amendment No. 5 also does not allow changes in the time specified in Specification 6.5.2.11 for the preparation, approval and distribution of the records of the NGRC activities as requested by you. Our reasons why these changes are not allowed are stated in the enclosed Safety Evaluation Supporting Amendment No. 5 to License No. DPR-72. Other changes related to Reactivity Control Systems, Plant Systems, and Refueling Operations requested in your letter dated May 20, 1977, are under review by the NRC staff, and are not reflected in Amendment No. 5.

We have determined that Amendment No. 5 does not authorize a change in effluent types or total amounts nor an increase in power level and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendment involves

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an action which is insignificant from the standpoint of environmental impact and, pursuant to 10 CFR Section 51.5(d)(4), that an environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

A copy of the Federal Register Notice of Issuance of Amendment No. 5 to License No. DPR-72 is also enclosed.

Sincerely,

Original Signed by
John F. Stolz

John F. Stolz, Chief
Light Water Reactors Branch No. 1
Division of Project Management

Enclosures:

1. Amendment No. 5 to License No. DPR-72
2. Federal Register Notice
3. Safety Evaluation Supporting Amendment No. 5 to License No. DPR-72

cc w/enclosures:
See page 3

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|-----------|-----------|---------|---------|--------|--|--|
| OFFICE → | LWR-#1 | LWR-#1 | OELD | LWR-#1 | | |
| SURNAME → | Elton:klj | Angelo | Circhi | Stolz | | |
| DATE → | 6/27/77 | 6/27/77 | 6/30/77 | 7/5/77 | | |

JUL 05 1977

Florida Power Corporation

cc: Mr. S. A. Brandimore
Vice President and General Counsel
P. O. Box 14042
St. Petersburg, Florida 33733

Bureau of Intergovernmental Relations
660 Apalchee Parkway
Tallahassee, Florida 32304

Mr. Wilbur Largely, Chairman
Board of County Commissioners
Citrus County
Iverness, Florida 36250

U. S. Environmental Protection Agency
Region IV Office
345 Courtland Street, N. E.
Atlanta, Georgia 30308

Chief, Energy Systems
Analyses Branch (AW-459)
Office of Radiation Programs
U. S. Environmental Protection Agency
Room 645, East Tower
401 M Street, S. W.
Washington, D. C. 20460

Mr. Bruce Blanchard
Environmental Project Review
Department of the Interior
Room 5321
18th and C Street, N. W.
Washington, D. C. 20242

Mr. Sheldon Myers
ATTN: Jack Anderson
Office of Federal Activities
Environmental Protection Agency
Room W-541, Waterside Mall
401 M Street, S. W.
Washington, D. C. 20460

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FLORIDA POWER CORPORATION
CITY OF ALACHUA
CITY OF BUSHNELL
CITY OF GAINESVILLE
CITY OF KISSIMEE
CITY OF LEESBURG
CITY OF NEW SMYRNA BEACH AND UTILITIES COMMISSION, CITY OF NEW SMYRNA BEACH
CITY OF OCALA
ORLANDO UTILITIES COMMISSION AND CITY OF ORLANDO
SEBRING UTILITIES COMMISSION
SEMINOLE ELECTRIC COOPERATIVE, INC.
CITY OF TALLAHASSEE

DOCKET NO. 50-302

CRYSTAL RIVER UNIT 3 NUCLEAR GENERATING PLANT

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 5
 License No. DPR-72

1. The Nuclear Regulatory Commission (the Commission) having found that:
 - A. The application for amendment by Florida Power Corporation, et al (the licensees) dated May 20, 1977, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's rules and regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

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- 2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment and paragraph 2.C(2) of facility Operating License No. DPR-72 is hereby amended to read as follows:

2.C.(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 5, are hereby incorporated in the license. Florida Power Corporation shall operate the facility in accordance with the Technical Specifications.

- 3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

Original Signed by
John F. Stolz

John F. Stolz, Chief
Light Water Reactors Branch No. 1
Division of Project Management

Attachment:
Changes to the Technical
Specifications

Date of Issuance: JUL 05 1977

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|-----------|---------|---------|---------|---------|---------|---------|
| OFFICE > | LWR-#1 | LWR-#1 | DE | OEL | OELD | LWR-#1 |
| SURNAME > | EH:klj | Jangelo | Chitmes | Stolz | CUTCHIN | Stolz |
| DATE > | 6/27/77 | 6/27/77 | 6/27/77 | 6/29/77 | 6/30/77 | 7/15/77 |

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NO. 50-302

FLORIDA POWER CORPORATION, et al

CRYSTAL RIVER UNIT 3 NUCLEAR GENERATING PLANT

NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY OPERATING LICENSE

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 5 to Facility Operating License No. DPR-72, issued to the Florida Power Corporation, City of Alachua, City of Bushnell, City of Gainesville, City of Kissimmee, City of Leesburg, City of New Smyrna Beach and Utilities Commission, City of New Smyrna Beach, City of Ocala, Orlando Utilities Commission and City of Orlando, Sebring Utilities Commission, Seminole Electric Cooperative, Inc. and the City of Tallahassee which revised Technical Specifications for operation of the Crystal River Unit 3 Nuclear Generating Plant located in Citrus County, Florida.

The Amendment permits revisions in the offsite organization for technical support and facility management incurred by corporate level management changes and reflects revisions in management titles at the facility staff level.

The application for the amendment complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. The Commission has made appropriate findings as required by the Act and the Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license amendment. Prior public notice of this amendment was not required since the amendment does not involve a significant hazards consideration.

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The Commission has determined that the issuance of this amendment will not result in any significant environmental impact and that pursuant to 10 CFR §51.5(d)(4) an environmental impact statement, or negative declaration and environmental impact appraisal need not be prepared in connection with issuance of this amendment.

For further details with respect to this action, see (1) the application for amendment dated May 20, 1977, (2) Amendment No. 5 to License No. DPR-72, and (3) the Commission's related Safety Evaluation Supporting Amendment No. 5 to License No. DPR-72. All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N. W., Washington, D. C. and at the Crystal River Public Library, Crystal River, Florida 32629. A copy of items (2) and (3) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Project Management.

Dated at Bethesda, Maryland, this 5 day of July 1977.

FOR THE NUCLEAR REGULATORY COMMISSION

Original Signed by
John F. Stolz
John F. Stolz, Chief
Light Water Reactors Branch No. 1
Division of Project Management

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|-----------|--------------|---------|--------|---------|--|--|
| OFFICE > | LWR-#1 | LWR-#1 | OELD | LWR-#1 | | |
| SURNAME > | EH Olson:klj | Jungelo | | JStolz | | |
| DATE > | 6/30/77 | 6/30/77 | 6/ /77 | 7/15/77 | | |

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 5 TO LICENSE NO. DPR-72

FLORIDA POWER CORPORATION, ET AL

CRYSTAL RIVER UNIT 3 NUCLEAR GENERATING PLANT

DOCKET NO. 50-302

INTRODUCTION

By letter dated May 20, 1977, Florida Power Corporation requested changes in the Technical Specifications appended to Facility Operating License No. DPR-72 for Crystal River Unit 3 Nuclear Generating Plant. The proposed changes consist of (1) revisions in the offsite organization for technical support and facility management incurred by corporate level management changes, (2) revisions in titles of management at the plant staff level, (3) revisions to the review activities of the Nuclear General Review Committee, (4) revisions to the time specified for the preparation, approval and distribution of records of the activities of the Nuclear General Review Committee, and (5) revisions in Reactivity Control Systems, Plant Systems and Refueling Operations. The request for revisions related to item (5) above are currently under review by the NRC staff and are not further discussed in this Safety Evaluation.

Florida Power Corporation states that the reason for requesting the revisions related to items (1) and (2) above are to reflect changes in the offsite organization for technical support and facility management and to reflect changes in titles of management positions at the plant staff level. Florida Power Corporation states that the reason for requesting changes in item (3) above is to bring the scope of activity of the Nuclear General Review Committee more closely into agreement with the requirements of the American Nuclear Society Standard ANSI N 18.7-1976. No reason was stated by Florida Power Corporation for the request in item (4) above related to the time specified for the preparation, approval and distribution of records of the activities of the Nuclear General Review Committee.

DISCUSSION

With regard to the revisions in the offsite organization for technical support and facility management, Florida Power Corporation has reorganized the management at the corporate level such that the Director of Power Production now reports directly to a new management position of the Senior Vice President - Engineering and Construction. At the plant staff level the previous titles of Nuclear Plant Superintendent and Assistant Plant Superintendent have been changed to Nuclear Plant Manager and Assistant Plant Manager, respectively.

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With regard to the review activities of the Nuclear General Review Committee, Florida Power Corporation has requested a change in items (a) and (b) of Specification 6.5.2.8 which is slightly different than the wording in the current specification which is worded the same as the Standard Technical Specification. We cannot determine any substantive difference in the meaning of the proposed words from that currently in the Technical Specifications.

Florida Power Corporation has also proposed that item (i) of Specification 6.5.2.8 be deleted. This item requires that the Nuclear General Review Committee shall review the reports and meeting minutes of the Plant Review Committee. No specific reason is stated by Florida Power Corporation for this deletion except to bring the scope of activity of the Nuclear General Review Committee more closely into agreement with the requirements of ANSI N 18.7-1976 which does not specifically require this activity.

With regard to the records of the Nuclear General Review Committee, Florida Power Corporation requested that items (a) and (b) of Specification 6.5.2.11 be revised to allow 30 days for the preparation, approval and distribution of the records of activities of the Nuclear General Review Committee. The present specifications require that these records be prepared, approved and distributed in 14 days. No reason for this request was stated by Florida Power Corporation in its letter dated May 20, 1977.

EVALUATION

We evaluated the proposed changes in the offsite organization for technical support and facility management incurred by corporate management changes and have determined that these changes do not adversely affect the lines of authority of the plant manager nor the technical support for operation of the plant. The change in titles at the plant level have not resulted in any deletion of responsibility or authority at the plant level. The Nuclear Plant Manager (previous title was Nuclear Plant Superintendent) reports to the Director-Power Production. This functional relationship remains unchanged. We therefore have determined that these changes in offsite organization and management titles are acceptable.

We evaluated the proposed changes to the wording of items (a) and (b) of Specification 6.5.2.8 related to the review activities of the Nuclear General Review Committee. We cannot determine any substantive difference in the meaning of the proposed words from that currently in the Technical Specifications. The current Specification is worded the same as the Standard Technical Specification. Based on our evaluation we are unable to determine the need or desirability of the change requested by Florida Power Corporation. Florida Power Corporation states in its application for the amendment that the purpose of the changes is to bring the scope of activity of the Nuclear General Review

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Committee more closely in agreement with the requirements of ANSI N 18.7-1976. We have determined that the current wording accomplishes the purpose as well as the proposed wording. Based on our determination we find that the change requested by Florida Power Corporation is not justified.

We evaluated the request by Florida Power Corporation to delete item (i) from Specification 6.5.2.8 which requires that the Nuclear General Review Committee shall review the reports and meeting minutes of the Plant Review Committee. Although no reason was stated by Florida Power Corporation in its application for the amendment, except that this review activity is not specified by ANSI N 18.7-1976, our discussions with representatives of Florida Power Corporation indicated that all pertinent reports were reviewed by the Nuclear General Review Committee, and that the review of all reports and meeting minutes was an unnecessary administrative burden. One of the provisions of an independent review group is to have a mechanism for assuring that the independent group (Nuclear General Review Committee) is kept informed on a timely basis of matters within the Committee's scope of responsibility according to Section 4.2 of ANSI 18.7-1976. We consider the Committee's review of the reports and meeting minutes of the Plant Review Committee an important aspect in meeting this provision. Florida Power Corporation has not provided an alternate means for meeting this provision. Therefore, we find that the deletion of this item is not warranted.

We have evaluated the request that the minutes of each Nuclear General Review Committee meeting and the reports of reviews by the Committee as specified in item (a) and (b) of Specification 6.5.2.11 be prepared, approved and distributed in 30 days rather than the 14 days currently required by the Specification. Florida Power Corporation has provided no basis for this proposed change in its application for an amendment. We have determined that 14 days provides for timely action with regard to these activities. The specified time has been accepted by licensees previously and is included in the Standard Technical Specifications. In the absence of a justified exception or an acceptable alternative to this requirement, we find no reason to change this requirement.

ENVIRONMENTAL CONSIDERATION

We have determined that the amendment does not authorize a change in effluent types or total amounts nor an increase in power level and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendment involves an action which is insignificant from the standpoint of environmental impact and, pursuant to 10 CFR §51.5(d)(4), that an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

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CONCLUSION

We have concluded, based on the considerations discussed above, that: (1) because the amendment does not involve a significant increase in the probability or consequences of accidents previously considered or a significant decrease in any safety margin, it does not involve a significant hazards consideration, (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (3) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Date: July 5, 1977

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| SURNAME > | | <i>JFS</i> | | | | |
| DATE > | | <i>7/5/77</i> | | | | |

Distribution of Amendment No. 5 to Facility Operating License for
 Crystal River, Unit 3
 DPR-72, Dated JUL 05 1977

- Docket File
- NRC PDR
- Local PDR
- LWR-#1 File
- S. Lewis, ELD
- R. C. DeYoung
- D. B. Vassallo
- J. Stolz
- J. Angelo
- E. G. Hylton
- F. J. Williams
- H. Smith
- B. Scott, PM
- IE (5)
- N. Dube, MIPC
- B. Jones, OA (w/4)
- W. Miller, ADM
- ACRS (16)
- H. Denton, DSE
- V. A. Moore, DSE
- R. H. Vollmer, DSE
- M. L. Ernst, DSE
- W. P. Gammill, DSE
- R. Heineman, SS
- J. Knight, SS
- D. F. Ross, SS
- R. L. Tedesco, SS
- A. Toalston, AIG
- B. Scharf, OA (10 copies)
- D. Skovholt
- E. Hughes
- S. Bajwa, EP
- M. Duncan, DP
- V. Stello, OR
- K. Goller, OR
- J. McGough, OR
- D. Eisenhut, OR
- W. Pasciak, OR (Appendix B only)
- R. Reid, OR
- C. Nelson, OR
- I. Dinitz, AIG

- bcc: J. R. Buchanan, NSIC
 T. B. Abernathy, TIC
 A. Rosenthal, ASLAB
 J. Yore, ASLRP

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| DATE > | | | | | | |



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

JUL 05 1977

Docket No. 50-302

Florida Power Corporation
ATTN: Mr. J. T. Rodgers
Assistant Vice President and
Nuclear Project Manager
P. O. Box 14042
St. Petersburg, Florida 33733

Gentlemen:

SUBJECT: ISSUANCE OF AMENDMENT NO. 5 TO FACILITY OPERATING LICENSE
NO. DPR-72 FOR CRYSTAL RIVER UNIT 3 NUCLEAR GENERATING
PLANT

The Nuclear Regulatory Commission has issued the enclosed Amendment No. 5 to Facility Operating License No. DPR-72 which is effective as of the date of issuance. Amendment No. 5 revises the Technical Specifications, Appendix A to the Facility Operating License to reflect revisions in the offsite organization for technical support and facility management incurred by corporate level management changes and revisions in management titles at the plant staff level. The license is amended by making the appropriate changes in Section 6.0, Administrative Controls, of the Technical Specifications as indicated in the attachment to License Amendment No. 5.

Amendment No. 5 does not allow the changes requested by you to the wording of Specification 6.5.2.8 related to the review activities of the Nuclear General Review Committee (NGRC), and does not allow the deletion of the requirement that the NGRC review the reports and meeting minutes of the Plant Review Committee. Amendment No. 5 also does not allow changes in the time specified in Specification 6.5.2.11 for the preparation, approval and distribution of the records of the NGRC activities as requested by you. Our reasons why these changes are not allowed are stated in the enclosed Safety Evaluation Supporting Amendment No. 5 to License No. DPR-72. Other changes related to Reactivity Control Systems, Plant Systems, and Refueling Operations requested in your letter dated May 20, 1977, are under review by the NRC staff, and are not reflected in Amendment No. 5.

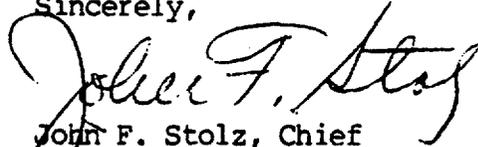
We have determined that Amendment No. 5 does not authorize a change in effluent types or total amounts nor an increase in power level and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendment involves

JUL 05 1977

an action which is insignificant from the standpoint of environmental impact and, pursuant to 10 CFR Section 51.5(d)(4), that an environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

A copy of the Federal Register Notice of Issuance of Amendment No. 5 to License No. DPR-72 is also enclosed.

Sincerely,



John F. Stolz, Chief
Light Water Reactors Branch No. 1
Division of Project Management

Enclosures:

1. Amendment No. 5 to License
No. DPR-72
2. Federal Register Notice
3. Safety Evaluation Supporting
Amendment No. 5 to License
No. DPR-72

cc w/enclosures:

See page 3

Florida Power Corporation

cc: Mr. S. A. Brandimore
Vice President and General Counsel
P. O. Box 14042
St. Petersburg, Florida 33733

Bureau of Intergovernmental Relations
660 Apalchee Parkway
Tallahassee, Florida 32304

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Chief, Energy Systems
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Mr. Sheldon Myers
ATTN: Jack Anderson
Office of Federal Activities
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FLORIDA POWER CORPORATION
CITY OF ALACHUA
CITY OF BUSHNELL
CITY OF GAINESVILLE
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CITY OF NEW SMYRNA BEACH AND UTILITIES COMMISSION, CITY OF NEW SMYRNA BEACH
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SEBRING UTILITIES COMMISSION
SEMINOLE ELECTRIC COOPERATIVE, INC.
CITY OF TALLAHASSEE

DOCKET NO. 50-302

CRYSTAL RIVER UNIT 3 NUCLEAR GENERATING PLANT

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 5
License No. DPR-72

1. The Nuclear Regulatory Commission (the Commission) having found that:
 - A. The application for amendment by Florida Power Corporation, et al (the licensees) dated May 20, 1977, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's rules and regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

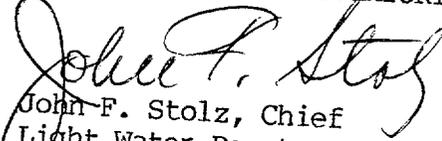
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment and paragraph 2.C(2) of facility Operating License No. DPR-72 is hereby amended to read as follows:

2.C.(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 5, are hereby incorporated in the license. Florida Power Corporation shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION


John F. Stolz, Chief
Light Water Reactors Branch No. 1
Division of Project Management

Attachment:
Changes to the Technical
Specifications

Date of Issuance: JUL 05 1977

JUL 05 1977

ATTACHMENT TO LICENSE AMENDMENT NO. 5

FACILITY OPERATING LICENSE NO. DPR-72

DOCKET NO. 50-302

Replace the following pages of the Appendix "A" Technical Specifications with the enclosed pages. The revised pages are identified by Amendment number and contain vertical lines indicating the area of change. The corresponding overleaf pages are also provided to maintain document completeness.

Pages

6-1
6-2
6-3
6-5
6-6
6-7
6-8
6-10
6-11
6-12
6-13

6.0 ADMINISTRATIVE CONTROLS

6.1 RESPONSIBILITY

6.1.1 The Nuclear Plant Manager shall be responsible for overall facility operation and shall delegate in writing the succession to this responsibility during his absence.

6.2 ORGANIZATION

OFFSITE

6.2.1 The offsite organization for facility management and technical support shall be as shown on Figure 6.2-1.

FACILITY STAFF

6.2.2 The Facility organization shall be as shown on Figure 6.2-2 and:

- a. Each on duty shift shall be composed of at least the minimum shift crew composition shown in Table 6.2-1.
- b. At least one licensed Operator shall be in the control room when fuel is in the reactor.
- c. At least two licensed Operators shall be present in the control room during reactor start-up, scheduled reactor shutdown and during recovery from reactor trips.
- d. An individual qualified in radiation protection procedures shall be on site when fuel is in the reactor.
- e. All CORE ALTERATIONS after the initial fuel loading shall be directly supervised by either a licensed Senior Reactor Operator or Senior Reactor Operator Limited to Fuel Handling who has no other concurrent responsibilities during this operation.

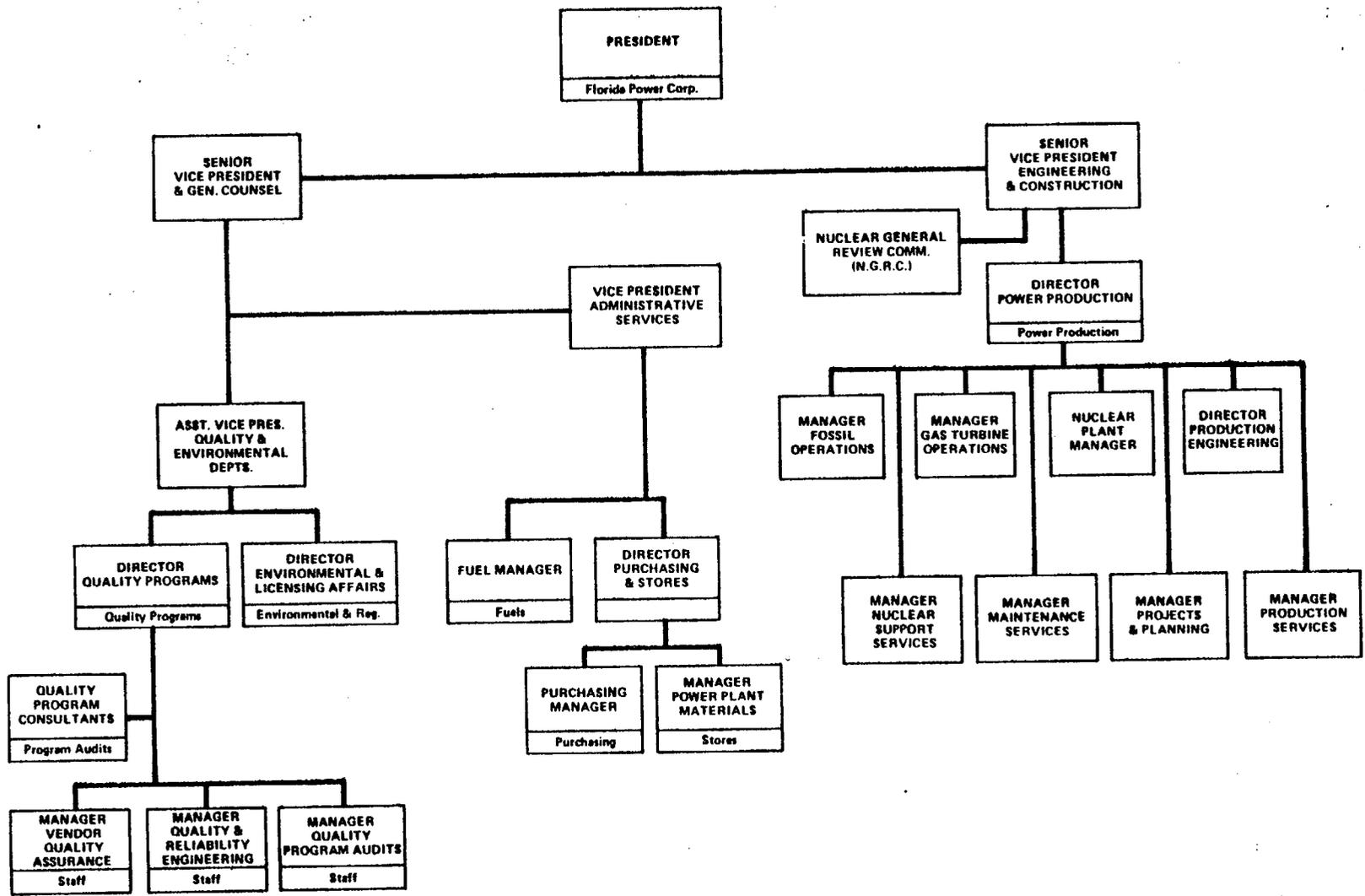


Figure 6.2-1 Offsite Organization

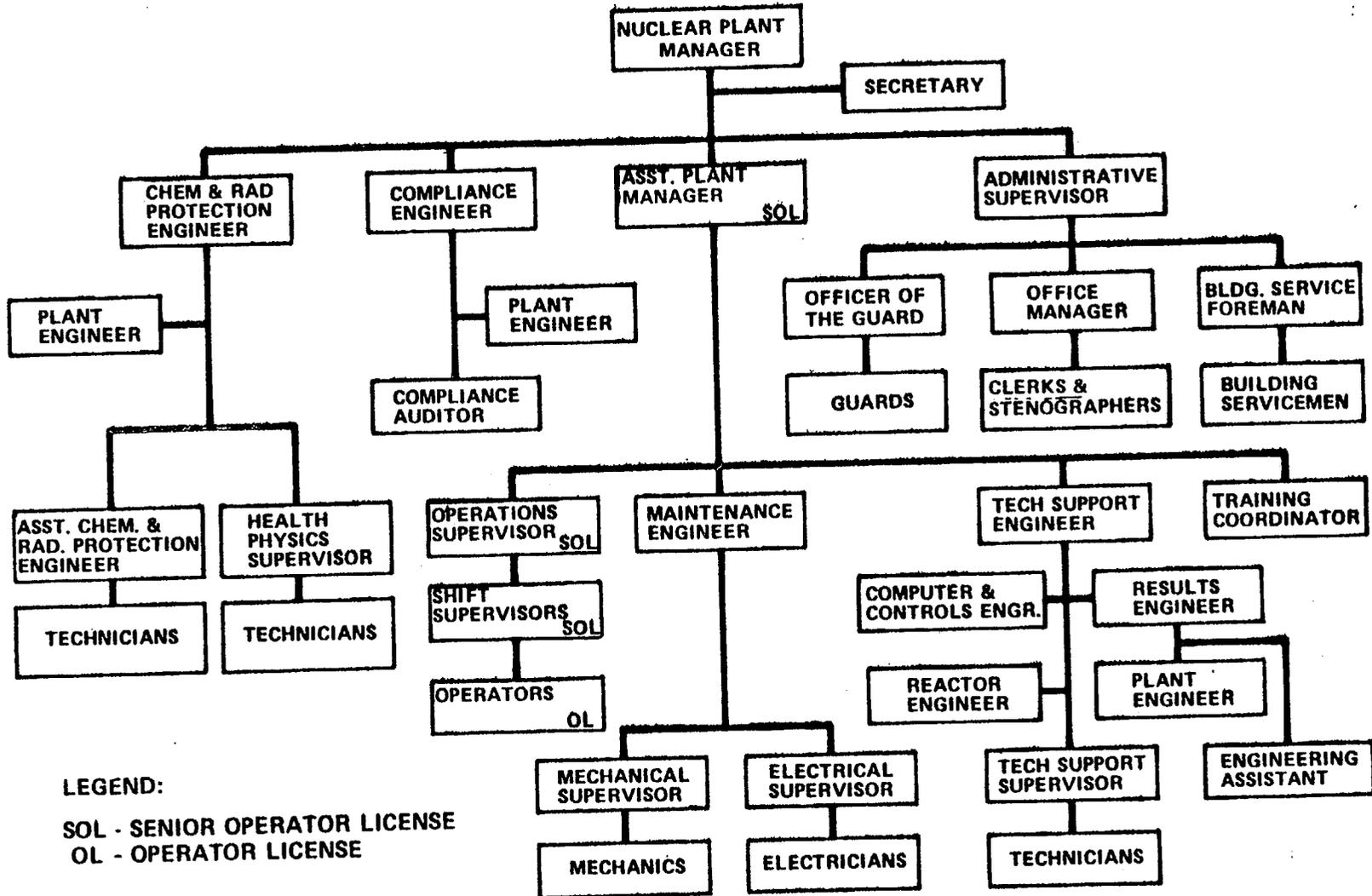


Figure 6.2-2 Facility Organization

TABLE 6.2-1

MINIMUM SHIFT CREW COMPOSITION#

| LICENSE CATEGORY | APPLICABLE MODES | |
|------------------|------------------|-------|
| | 1, 2, 3 & 4 | 5 & 6 |
| SOL | 1 | 1* |
| OL | 2 | 1 |
| Non-Licensed | 3 | 1 |

*Does not include the licensed Senior Reactor Operator or Senior Reactor Operator Limited to Fuel Handling Individual supervising CORE ALTERATIONS after the initial fuel loading.

#Shift crew composition may be less than the minimum requirement for a period of time not to exceed 2 hours in order to accommodate unexpected absence of on duty shift crew members provided immediate action is taken to restore the shift crew composition to within the minimum requirements of Table 6.2-1.

ADMINISTRATIVE CONTROLS

6.3 FACILITY STAFF QUALIFICATIONS

6.3.1 Each member of the facility staff shall meet or exceed the minimum qualifications of ANSI N18.1-1971 for comparable positions, except for the Radiation Protection Engineer who shall meet or exceed the qualifications of Regulatory Guide 1.8, September, 1975.

6.4 TRAINING

6.4.1 A retraining and replacement training program for the facility staff shall be maintained under the direction of the Assistant Nuclear Plant Manager and shall meet or exceed the requirements and recommendations of Section 5.5 of ANSI N18.1-1971 and Appendix "A" of 10 CFR Part 55.

6.5 REVIEW AND AUDIT

6.5.1 PLANT REVIEW COMMITTEE (PRC)

FUNCTION

6.5.1.1 The Plant Review Committee shall function to advise the Nuclear Plant Manager on all matters related to nuclear safety.

COMPOSITION

6.5.1.2 The Plant Review Committee shall be composed of the:

| | |
|-----------|---|
| Chairman: | Assistant Nuclear Plant Manager |
| Member: | Operations Supervisor |
| Member: | Technical Support Engineer |
| Member: | Maintenance Engineer |
| Member: | Chemistry and Radiation Protection Engineer |

ALTERNATES

6.5.1.3 All alternate members shall be appointed in writing by the PRC Chairman to serve on a temporary basis; however, no more than two alternates shall participate as voting members in PRC activities at any one time.

MEETING FREQUENCY

6.5.1.4 The PRC shall meet at least once per calendar month and as convened by the PRC Chariman or his designated alternate.

ADMINISTRATIVE CONTROLS

QUORUM

6.5.1.5 A quorum of the PRC shall consist of the Chariman or his designated alternate and four members including alternates.

RESPONSIBILITIES

6.5.1.6 The Plant Review Committee shall be responsbile for:

- a. Review of 1) all procedures required by Specification 6.8 and changes thereto, 2) any other proposed procedures or changes thereto as determined by the Nuclear Plant Manager to affect nuclear safety.
- b. Review of all proposed tests and experiments that affect nuclear Safety.
- c. Review of all proposed changes to the Appendix "A" Technical Specifications.
- d. Review of all proposed changes or modifications to plant systems or equipment that affect nuclear safety.
- e. Investigation of all violations of the Technical Specifications including the preparation and forwarding of reports covering evaluation and recommendations to prevent recurrence to the Director-Power Production and to the Chairman of the Nuclear General Review Committee.
- f. Review of events requiring 24 hour written notification to the Commission.
- g. Review of facility operations to detect potential nuclear safety hazards.
- h. Performance of special reviews, investigations or analyses and reports thereon as requested by the Chairman of the Nuclear General Review Committee.
- i. Review of the Plant Security Plan and implementing procedures and shall submit recommended changes to the Chairman of the Nuclear General Review Committee.
- j. Review of the Emergency Plan and implementing procedures and shall submit recommended changes to the Chairman of the Nuclear General Review Committee.

ADMINISTRATIVE CONTROLS

AUTHORITY

6.5.1.7 The Plant Review Committee shall:

- a. Recommend to the Nuclear Plant Manager written approval or disapproval of items considered under 6.5.1(a) through (d) above.
- b. Render determinations in writing with regard to whether or not each item considered under 6.5.1.6(a) through (e) above constitutes an unreviewed safety question.
- c. Provide written notification within 24 hours to the Director-Power Production and the Nuclear General Review Committee of disagreement between the PRC and the Nuclear Plant Manager; however, the Nuclear Plant Manager shall have responsibility for resolution of such disagreements pursuant to 6.1.1 above.

RECORDS

6.5.1.8 The Plant Review Committee shall maintain written minutes of each meeting and copies shall be provided to the Director-Power Production and Chairman of the Nuclear General Review Committee.

6.5.2 NUCLEAR GENERAL REVIEW COMMITTEE (NGRC)

FUNCTION

6.5.2.1 The Nuclear General Review Committee shall function to provide independent review and audit of designated activities in the areas of:

- a. Nuclear power plant operations
- b. Nuclear engineering
- c. Chemistry and radiochemistry
- d. Metallurgy
- e. Instrumentation and control
- f. Radiological safety
- g. Mechanical and electrical engineering
- h. Quality assurance practices

COMPOSITION

6.5.2.2 The NGRC shall be composed of the Chairman, Vice Chairman, and at least 5 members. No more than a minority of the members shall have line responsibility for operation of the facility. The committee shall collectively have the experience and competence required to review problems in the following areas:

- a. Nuclear power plant operations
- b. Nuclear engineering
- c. Chemistry and radiochemistry
- d. Metallurgy
- e. Nondestructive testing
- f. Instrumentation and control
- g. Radiological safety
- h. Mechanical and electrical engineering
- i. Administrative controls
- j. Environmental
- k. Quality assurance practices

QUALIFICATIONS

6.5.2.3 The following minimum experience requirements shall be established for those persons involved in the independent off-site safety review and audit program:

- a. Chairman and Vice-Chairman-Bachelor of Science in engineering or related field and ten years related experience including five years involvement with operation and/or design of nuclear power plants.
- b. Member-Bachelor of Science in engineering or related field and five years related experience including three years involvement with operation and/or design of nuclear power plants.

ALTERNATES

6.5.2.4 All alternate members shall be appointed in writing by the NGRC Chairman to serve on a temporary basis; however no more than two alternates shall participate as voting members in NGRC activities at any one time.

ADMINISTRATIVE CONTROLS

CONSULTANTS

6.5.2.5 Consultants shall be utilized as determined by the NGRC Chairman to provide expert advice to the NGRC.

MEETING FREQUENCY

6.5.2.6 The NGRC shall meet at least once per calendar quarter during the initial year of facility operation following fuel loading and at least once per six months thereafter.

QUORUM

6.5.2.7 A quorum of NGRC shall consist of the Chairman or his designated alternate and five additional NGRC members, including alternates. No more than a minority of the quorum shall have line responsibility for operation of the facility.

REVIEW

6.5.2.8 The NGRC shall review:

- a. The safety evaluations for 1) changes to procedures, equipment or systems and 2) tests or experiments completed under the provision of Section 50.59, 10 CFR, to verify that such actions did not constitute an unreviewed safety question.
- b. Proposed changes to procedures, equipment or systems which involve an unreviewed safety question as defined in Section 50.59, 10 CFR.
- c. Proposed tests or experiments which involve an unreviewed safety question as defined in Section 50.59, 10 CFR.
- d. Proposed changes in Technical Specifications or this Operating License..
- e. Violations of codes, regulations, orders, Technical Specifications, license requirements, or of internal procedures or instructions having nuclear safety significance.
- f. Significant operating abnormalities or deviations from normal and expected performance of plant equipment that affect nuclear safety.

ADMINISTRATIVE CONTROLS

REVIEW (Continued)

- g. Events requiring 24 hour written notification to the Commission.
- h. All recognized indications of an unanticipated deficiency in some aspect of design or operation of safety related structures, systems, or components.
- i. Reports and meetings minutes of the Plant Review Committee.

AUDITS

6.5.2.9 Audits of facility activities shall be performed under the cognizance of the NGRC. These audits shall encompass:

- a. The conformance of facility operation to provisions contained within the Technical Specifications and applicable license conditions at least once per 12 months.
- b. The performance, training and qualifications of the entire facility staff at least once per 12 months.
- c. The results of actions taken to correct deficiencies occurring in facility equipment, structures, systems or method of operation that affect nuclear safety at least once per 6 months.
- d. The performance of activities required by the Operational Quality Assurance Program to meet the criteria of Appendix "B", 10 CFR 50, at least once per 24 months.
- e. The Facility Emergency Plan and implementing procedures at least once per 24 months.
- f. The Facility Security Plan and implementing procedures at least once per 24 months.
- g. Any other area of facility operation considered appropriate by the NGRC or the Senior Vice President-Engineering and Construction.

AUTHORITY

6.5.2.10 The NGRC shall report to and advise the Senior Vice President-Engineering and Construction on those areas of responsibility specified in Sections 6.5.2.8 and 6.5.2.9.

ADMINISTRATIVE CONTROLS

RECORDS

6.5.2.11 Records of NGRC activities shall be prepared, approved and distributed as indicated below:

- a. Minutes of each NGRC meeting shall be prepared, approved and forwarded to the Senior Vice President-Engineering and Construction within 14 days following each meeting.
- b. Reports of reviews encompassed by Section 6.5.2.8 above, shall be prepared, approved and forwarded to the Senior Vice President-Engineering and Construction within 14 days following completion of the review.
- c. Audit reports encompassed by Section 6.5.2.9 above, shall be forwarded to the Senior Vice-President Engineering and Construction and to the management positions responsible for the areas audited within 30 days after completion of the audit.

6.6 REPORTABLE OCCURRENCE ACTION

6.6.1 The following actions shall be taken for REPORTABLE OCCURRENCES:

- a. The Commission shall be notified and/or a report submitted pursuant to the requirements of Specification 6.9.
- b. Each REPORTABLE OCCURRENCE requiring 24 hour notification to the Commission shall be reviewed by the PRC and submitted to the NGRC and the Director-Power Production.

ADMINISTRATIVE CONTROLS

6.7 SAFETY LIMIT VIOLATION

6.7.1 The following actions shall be taken in the event a Safety Limit is violated:

- a. The facility shall be placed in at least HOT STANDBY within one hour.
- b. The Safety Limit violation shall be reported to the Commission, the Director-Power Production and to the NGRC within 24 hours.
- c. A Safety Limit Violation Report shall be prepared. The report shall be reviewed by the PRC. This report shall describe (1) applicable circumstances preceding the violation, (2) effects of the violation upon facility components, systems or structures, and (3) corrective action taken to prevent recurrence.
- d. The Safety Limit Violation Report shall be submitted to the Commission, the NGRC and the Director-Power Production within 14 days of the violation.

6.8 PROCEDURES

6.8.1 Written procedures shall be established, implemented and maintained covering the activities referenced below:

- a. The applicable procedures recommended in Appendix "A" of Regulatory Guide 1.33, November, 1972.
- b. Refueling operations.
- c. Surveillance and test activities of safety related equipment.
- d. Security Plan implementation.
- e. Emergency Plan implementation.

6.8.2 Each procedure and administrative policy of 6.8.1 above, and changes thereto, shall be reviewed by the PRC and approved by the Nuclear Plant Manager prior to implementation and reviewed periodically as set forth in administrative procedures.

ADMINISTRATIVE CONTROLS

6.8.3 Temporary changes to procedures of 6.8.1 above may be made provided:

- a. The intent of the original procedure is not altered.
- b. The change is approved by two members of the plant management staff, at least one of whom holds a Senior Reactor Operator's License on the unit affected.
- c. The change is documented, reviewed by the PRC and approved by the Nuclear Plant Manager within 14 days of implementation.

6.9 REPORTING REQUIREMENTS

ROUTINE REPORTS AND REPORTABLE OCCURRENCE REPORTS

6.9.1 Information to be reported to the Commission, in addition to the reports required by Title 10, Code of Federal Regulations, shall be in accordance with the Regulatory Position in Revision 4 of Regulatory Guide 1.16, "Reporting of Operating Information - Appendix "A" Technical Specifications."

SPECIAL REPORTS

6.9.2 Special reports shall be submitted to the Director of the Office of Inspection and Enforcement, Region II, within the time period specified for each report. These reports shall be submitted covering the activities identified below pursuant to the requirements of the applicable reference specification:

- a. ECCS Actuation, Specifications 3.5.2 and 3.5.3.
- b. Inoperable Seismic Monitoring Instrumentation, Specification 3.3.3.3.
- c. Inoperable Meteorological Monitoring Instrumentation, Specification 3.3.3.4.
- d. Seismic event analysis, Specification 4.3.3.3.2.

ADMINISTRATIVE CONTROLS

6.10 RECORD RETENTION

6.10.1 The following records shall be retained for at least five years:

- a. Records and logs of facility operation covering time interval at each power level.
- b. Records and logs of principal maintenance activities, inspections, repair and replacement of principal items of equipment related to nuclear safety.
- c. ALL REPORTABLE OCCURRENCES submitted to the Commission.
- d. Records of surveillance activities, inspections and calibrations required by these Technical Specifications.
- e. Records of reactor tests and experiments.
- f. Records of changes made to Operating Procedures.
- g. Records of radioactive shipments.
- h. Records of sealed source and fission detector leak tests and results.
- i. Records of annual physical inventory of all sealed source material of record.

6.10.2 The following records shall be retained for the duration of the Facility Operating License:

- a. Records and drawing changes reflecting facility design modifications made to systems and equipment described in the Final Safety Analysis Report.
- b. Records of new and irradiated fuel inventory, fuel transfers and assembly burnup histories.
- c. Records of facility radiation and contamination surveys.
- d. Records of radiation exposure for all individuals entering radiation control areas.

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NO. 50-302

FLORIDA POWER CORPORATION, et al

CRYSTAL RIVER UNIT 3 NUCLEAR GENERATING PLANT

NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY OPERATING LICENSE

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 5 to Facility Operating License No. DPR-72, issued to the Florida Power Corporation, City of Alachua, City of Bushnell, City of Gainesville, City of Kissimmee, City of Leesburg, City of New Smyrna Beach and Utilities Commission, City of New Smyrna Beach, City of Ocala, Orlando Utilities Commission and City of Orlando, Sebring Utilities Commission, Seminole Electric Cooperative, Inc. and the City of Tallahassee which revised Technical Specifications for operation of the Crystal River Unit 3 Nuclear Generating Plant located in Citrus County, Florida.

The Amendment permits revisions in the offsite organization for technical support and facility management incurred by corporate level management changes and reflects revisions in management titles at the facility staff level.

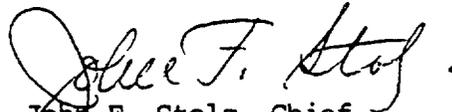
The application for the amendment complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. The Commission has made appropriate findings as required by the Act and the Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license amendment. Prior public notice of this amendment was not required since the amendment does not involve a significant hazards consideration.

The Commission has determined that the issuance of this amendment will not result in any significant environmental impact and that pursuant to 10 CFR §51.5(d)(4) an environmental impact statement, or negative declaration and environmental impact appraisal need not be prepared in connection with issuance of this amendment.

For further details with respect to this action, see (1) the application for amendment dated May 20, 1977, (2) Amendment No. 5 to License No. DPR-72, and (3) the Commission's related Safety Evaluation Supporting Amendment No. 5 to License No. DPR-72. All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N. W., Washington, D. C. and at the Crystal River Public Library, Crystal River, Florida 32629. A copy of items (2) and (3) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Project Management.

Dated at Bethesda, Maryland, this 5th day of July 1977.

FOR THE NUCLEAR REGULATORY COMMISSION



John F. Stolz, Chief
Light Water Reactors Branch No. 1
Division of Project Management

SAFETY EVALUATION / THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 5 TO LICENSE NO. DPR-72

FLORIDA POWER CORPORATION, ET AL

CRYSTAL RIVER UNIT 3 NUCLEAR GENERATING PLANT

DOCKET NO. 50-302

INTRODUCTION

By letter dated May 20, 1977, Florida Power Corporation requested changes in the Technical Specifications appended to Facility Operating License No. DPR-72 for Crystal River Unit 3 Nuclear Generating Plant. The proposed changes consist of (1) revisions in the offsite organization for technical support and facility management incurred by corporate level management changes, (2) revisions in titles of management at the plant staff level, (3) revisions to the review activities of the Nuclear General Review Committee, (4) revisions to the time specified for the preparation, approval and distribution of records of the activities of the Nuclear General Review Committee, and (5) revisions in Reactivity Control Systems, Plant Systems and Refueling Operations. The request for revisions related to item (5) above are currently under review by the NRC staff and are not further discussed in this Safety Evaluation.

Florida Power Corporation states that the reason for requesting the revisions related to items (1) and (2) above are to reflect changes in the offsite organization for technical support and facility management and to reflect changes in titles of management positions at the plant staff level. Florida Power Corporation states that the reason for requesting changes in item (3) above is to bring the scope of activity of the Nuclear General Review Committee more closely into agreement with the requirements of the American Nuclear Society Standard ANSI N 18.7-1976. No reason was stated by Florida Power Corporation for the request in item (4) above related to the time specified for the preparation, approval and distribution of records of the activities of the Nuclear General Review Committee.

DISCUSSION

With regard to the revisions in the offsite organization for technical support and facility management, Florida Power Corporation has reorganized the management at the corporate level such that the Director of Power Production now reports directly to a new management position of the Senior Vice President - Engineering and Construction. At the plant staff level the previous titles of Nuclear Plant Superintendent and Assistant Plant Superintendent have been changed to Nuclear Plant Manager and Assistant Plant Manager, respectively.

With regard to the review activities of the Nuclear General Review Committee, Florida Power Corporation has requested a change in items (a) and (b) of Specification 6.5.2.8 which is slightly different than the wording in the current specification which is worded the same as the Standard Technical Specification. We cannot determine any substantive difference in the meaning of the proposed words from that currently in the Technical Specifications.

Florida Power Corporation has also proposed that item (i) of Specification 6.5.2.8 be deleted. This item requires that the Nuclear General Review Committee shall review the reports and meeting minutes of the Plant Review Committee. No specific reason is stated by Florida Power Corporation for this deletion except to bring the scope of activity of the Nuclear General Review Committee more closely into agreement with the requirements of ANSI N 18.7-1976.

With regard to the records of the Nuclear General Review Committee, Florida Power Corporation requested that items (a) and (b) of Specification 6.5.2.11 be revised to allow 30 days for the preparation, approval and distribution of the records of activities of the Nuclear General Review Committee. The present specifications require that these records be prepared, approved and distributed in 14 days. No reason for this request was stated by Florida Power Corporation in its letter dated May 20, 1977.

EVALUATION

We evaluated the proposed changes in the offsite organization for technical support and facility management incurred by corporate management changes and have determined that these changes do not adversely affect the lines of authority of the plant manager nor the technical support for operation of the plant. The change in titles at the plant level have not resulted in any deletion of responsibility or authority at the plant level. The Nuclear Plant Manager (previous title was Nuclear Plant Superintendent) reports to the Director-Power Production. This functional relationship remains unchanged. We therefore have determined that these changes in offsite organization and management titles are acceptable.

We evaluated the proposed changes to the wording of items (a) and (b) of Specification 6.5.2.8 related to the review activities of the Nuclear General Review Committee. We cannot determine any substantive difference in the meaning of the proposed words from that currently in the Technical Specifications. The current Specification is worded the same as the Standard Technical Specification. Based on our evaluation we are unable to determine the need or desirability of the change requested by Florida Power Corporation. Florida Power Corporation states in its application for the amendment that the purpose of the changes is to bring the scope of activity of the Nuclear General Review

Committee more closely in agreement with the requirements of ANSI N 18.7-1976. We have determined that the current wording accomplishes the purpose as well as the proposed wording. Based on our determination we find that the change requested by Florida Power Corporation is not justified.

We evaluated the request by Florida Power Corporation to delete item (i) from Specification 6.5.2.8 which requires that the Nuclear General Review Committee shall review the reports and meeting minutes of the Plant Review Committee. Although no reason was stated by Florida Power Corporation in its application for the amendment, except that this review activity is not specified by ANSI N 18.7-1976, our discussions with representatives of Florida Power Corporation indicated that all pertinent reports were reviewed by the Nuclear General Review Committee, and that the review of all reports and meeting minutes was an unnecessary administrative burden. One of the provisions of an independent review group is to have a mechanism for assuring that the independent group (Nuclear General Review Committee) is kept informed on a timely basis of matters within the Committee's scope of responsibility according to Section 4.2 of ANSI 18.7-1976. We consider the Committee's review of the reports and meeting minutes of the Plant Review Committee an important aspect in meeting this provision. Florida Power Corporation has not provided an alternate means for meeting this provision. Therefore, we find that the deletion of this item is not warranted.

We have evaluated the request that the minutes of each Nuclear General Review Committee meeting and the reports of reviews by the Committee as specified in item (a) and (b) of Specification 6.5.2.11 be prepared, approved and distributed in 30 days rather than the 14 days currently required by the Specification. Florida Power Corporation has provided no basis for this proposed change in its application for an amendment. We have determined that 14 days provides for timely action with regard to these activities. The specified time has been accepted by licensees previously and is included in the Standard Technical Specifications. In the absence of a justified exception or an acceptable alternative to this requirement, we find no reason to change this requirement.

ENVIRONMENTAL CONSIDERATION

We have determined that the amendment does not authorize a change in effluent types or total amounts nor an increase in power level and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendment involves an action which is insignificant from the standpoint of environmental impact and, pursuant to 10 CFR §51.5(d)(4), that an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

CONCLUSION

We have concluded, based on the considerations discussed above, that: (1) because the amendment does not involve a significant increase in the probability or consequences of accidents previously considered or a significant decrease in any safety margin, it does not involve a significant hazards consideration, (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (3) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Date: July 5, 1977

Distribution of Amendment No. 5 to Facility Operating License for
Crystal River, Unit 3
DPR-72, Dated JUL 05 1977

Docket File

NRC PDR
Local PDR
LWR-#1 File
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N. Dube, MIPC
B. Jones, OA (w/4)
W. Miller, ADM
ACRS (16)
H. Denton, DSE
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R. Heineman, SS
J. Knight, SS
D. F. Ross, SS
R. L. Tedesco, SS
A. Toalston, AIG
B. Scharf, OA (10 copies)
D. Skovholt
E. Hughes
S. Bajwa, EP
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K. Goller, OR
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