# ATTACHMENT 3 NRC DOCKET 50-321 OPERATING LICENSE DPR-57 EDWIN I. HATCH NUCLEAR PLANT UNIT 1 PROPOSED CHANGE TO TECHNICAL SPECIFICATIONS

Replace the following pages of the Unit 1 Appendix "A" Technical Specifications with the enclosed pages. The revised pages are identified by amendment number and contain a vertical line indicating the area of change.

Remove Page	Insert Page
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6-2	6-2
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6-6	6-6
6-7	6-7
6-8	6-8
6-9	6-9
6-11	6-11
6-12	6-12
6-13	6-13

## 6.1 RESPONSIBILITY

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

#### 6.2 ORGANIZATION

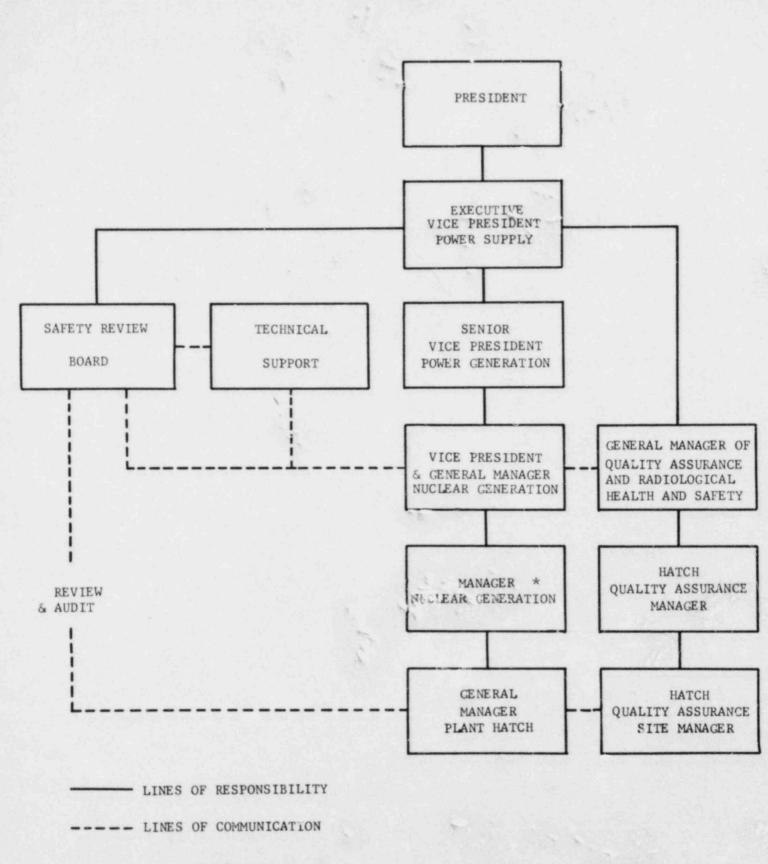
#### OFFSITE

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

# UNIT STAFF

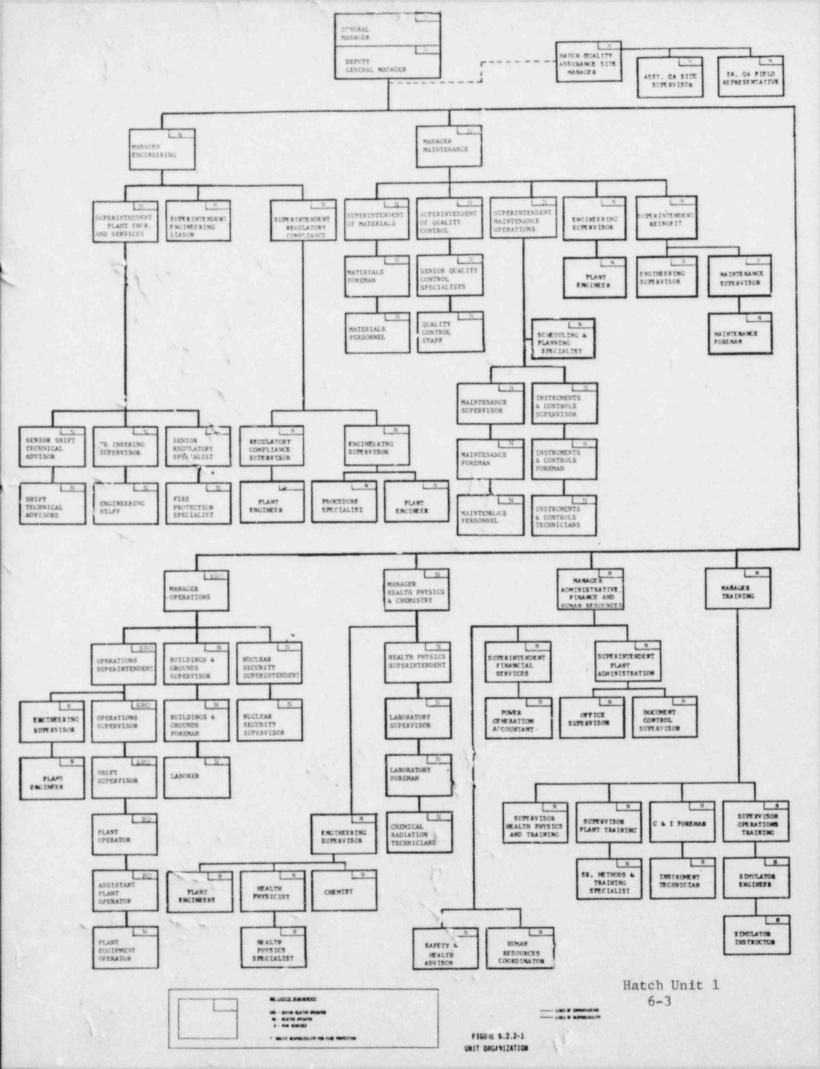
6.2.2 The unit organization shall be as shown on Figure 6.2.2-1 and:

- a. Each on duty shift shall be composed of at least the minimum shift crew composition shown in Table 6.2.2-1.
- b. At least one licensed Operator shall be in the control room for each reactor containing fuel.
- c. At least two licensed Operators shall be present in the control room for each reactor in the process of start-up, scheduled reactor shutdown and during recovery from reactor trips.
- d. An individual qualified to implement radiation protection procedures shall be on site when fuel is in either reactor.
- e. All CORE ALTERATIONS 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.
- f. A Fire Team of at least five members shall be maintained onsite at all times. The Fire Team shall not include the minimum shift crew necessary for safe shutdown of Units 1 and 2 or any personnel required for other essential functions during a fire emergency.



\* CURRENTLY VACANT

FIGURE 6.2.1-1 OFFSITE ORGANIZATION



#### 6.3 UNIT STAFF QUALIFICATIONS

6.3.1 Each member of the unit staff shall meet or exceed the minimum qualifications of ANSI N18.1-1971 for comparable positions except for the Health Physics Superintendent who shall meet or exceed the qualifications of Regulatory Guide 1.8, September 1975, and the Shift Technical Advisor who shall have a bachelor's degree or equivalent in a scientific or engineering discipline with specific training in plant design, and response and analysis of the plant for transients and accidents.

## 6.4 TRAINING

6.4.1 A retraining and replacement training program for the unit staff shall be maintained under the direction of the Senior Methods and Training Specialist 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.

6.4.2 A training program for fire protection shall be maintained under the direction of the Senior Regulatory Specialist and shall meet or exceed the requirements of Section 27 of the NFPA Code-1975, except for fire protection training sessions which shall be held at least once per 92 days.

#### 6.5 REVIEW AND AUDIT

6.5.1 PLANT REVIEW BOARD (PRB)

FUNCTION

6.5.1.1 The PRB shall function to advise the General Manager on all matters related to nuclear safety.

#### COMPOSITION

6.5.1.2 The Plant Review Board shall be composed of the:

Chairman*:	General Manager
Member:	Deputy General Manager
Member:	Superintendent of Operations
Member:	Superintendent of Maintenance
Member:	Health Physics Superintendent
Member:	Superintendent of Quality Control
Member:	Superintendent of Plant Engineering Services
Member	Superintendent of Regulatory Compliance
Member (non-voting):	Representative of Site Quality Assurance

\*General Manager to designate chairman from voting PRB membership as necessary.

### ALTERNATES

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

# MEETING FREQUENCY

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

#### QUORUM

6.5.1.5 The minimum quorum of the PRB necessary for the performance of the PRB responsibility and authority provisions of these Technical Specifications shall consist of the Chairman or designated Chairman and three members including alternates.

# RESPONSIBILITIES

6.5.1.6 The Plant Review Board shall be responsible 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 General Manager to affect nuclear safety.
- Review of all proposed tests and experiments that affect nuclear safety.
- c. Review of all proposed changes to Appendix "A" Technical Specifications.
- d. Review of all proposed changes or modifications to unit 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 Manager of Nuclear Generation or the Vice President and General Manager Nuclear Generation and to the Safety Review Board (SRB).
- f. Review of events requiring 24 hour written notification to the Commission.
- g. Review of unit operations to detect potential nuclear safety hazards.
- h. Performance of special review, investigations or analyses and reports thereon as requested by the General Manager or the SRB.

# RESPONSIBILITIES (Continued)

- i. Review of the Security Plan and implementing procedures and shall submit recommended changes to the SRB,
- j. Review of the Emergency Plan and implementing procedures and shall submit recommended changes to the SRB.

#### AUTHORITY

6.5.1.7 The PRB shall:

- a. Recommend in writing to the General Manager approval or disapproval of items considered under 6.5.1.6(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 with 24 hours to the Manager of Nuclear Generation or the Vice President and General Manager Nuclear Generation and the Safety Review Board of disagreement between the PRB and the General Manager; however, the General Manager shall have responsibility for resolution of such disagreements pursuant to 6.1.1 above.

# RECORDS

6.5.1.8 The Plant Review Board shall maintain written minutes of each PRB meeting that, at a minimum, document the results of all PRB activities performed under the responsibility and authority provisions of these Technical Specifications. Copies shall be provided to the Manager of Nuclear Generation or the Vice President and General Manager Nuclear Generation and the Safety Review Board.

# 6.5.2 SAFETY REVIEW BOARD (SRB)

### FUNCTION

6.5.2.1 The SRB 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.

## FUNCTION (Continued)

- d. Metallurgy,
- e. Instrumentation and control,
- f. Radiological safety,
- g. Mechanical and electrical engineering,
- h. Quality assurance practices.

#### COMPOSITION

6.5.2.2 The SRB shall be composed of a minimum of seven persons who as a group provide the expertise to review and audit the operation of a nuclear power plant. The Chairman and Vice Chairman and other members shall be appointed by the Executive Vice President - Power Supply or such other person as he shall designate. The composition of the SRB shall meet the requirements of ANSI N18.7-1976.

## ALTERNATES

6.5.2.3 All alternate representatives shall be appointed in writing by the absent member to serve on a temporary basis; however, no more than two alternates shall participate in SRB activities at any one time and alternate representatives shall not have voting privileges.

#### CONSULTANTS

6.5.2.4 Consultants shall be utilized as determined by the SRB Chairman or Vice-Chairman to provide expert advice to the SRB.

#### MEETING FREQUENCY

6.5.2.5 The SRB shall meet at least once per calendar quarter during the initial year of unit operation following fuel loading and at least once per six months thereafter.

### AUDITS

6.5.2.8 Audits of unit activities shall be performed under the cognizance of the SRB. Each inspection or audit shall be performed within the specified time interval with:

- 1. A maximum allowable extension not to exceed 25% of the inspection or audit interval.
- A total maximum combined interval time for any 3 consecutive inspection or audit intervals not to exceed 3.25 times the specified inspection or audit interval.

These audits shall encompass:

- a. The conformance of unit 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 unit staff at least once per 12 months.
- c. The results of actions taken to correct deficiencies occurring in unit 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 Emergency Plan and implementing procedures at least once per 24 months.
- The Security Plan and implementing procedures at least once per 24 months.
- g. Any other area of unit operation considered appropriate by the SRB or the Senior vice President Power Supply.
- h. The Fire Protection Program and implementing procedures at least once per 24 months.
- i. An independent fire protection and loss prevention inspection and audit shall be performed annually utilizing either qualified offsite licensee personnel or an outside fire protection firm.
- j. An inspection and audit of the fire protection and loss prevention program shall be performed by an outside qualified fire consultant at intervals no greater than 3 years. During the year in which the inspection or audit occurs, the requirements of 6.5.2.8i can be affected concurrently.

### AUTHORITY

5.5.2.9 The SRB shall report to and advise the Executive Vice president -Power Supply on those areas of responsibility specified in Sections 6.5.2.7 HATCH - UNIT 1 6-11

RECORDS

6.5.2.10 Records of SRB activities shall be prepared, approved and distributed as indicated below:

- a. Minutes of each SRB meeting shall be prepared, approved and fowarded to the Executive Vice President-Power Supply within 14 days following each meeting.
- b. Reports of reviews encompassed by Section 6.5.2.7 above, shall be prepared, approved and forwarded to the Executive Vice President-Power Supply within 14 days following completion of the review.
- c. Audit reports encompassed by Section 6.5.2.8 above, shall be forwarded to the Executive Vice President-Power Supply 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 PRB and submitted to the SRB and the Manager of Nuclear Generation or the Vice President and General Manager Nuclear Generation.

6.7 SAFETY LIMIT VIOLATION

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

- a. The unit shall be placed in at least HOT SHUTDOWN within two hours.
- b. The Safety Limit violation shall be reported to the Commission, the Manager Nuclear Generation or the Vice President and General Manager Nuclear Generation and to the SRB within 24 hours.

# SAFETY LIMIT VIOLATION (Continued)

- c. A Safety Limit Violation Report shall be prepared. The report shall be reviewed by the PRB. 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 SRB and the Manager of Nuclear Generation or the Vice President and General Manager of Nuclear Generation 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, Revision 2, February 1978.
- b. Refueling operations.
- c. Surveillance and test activities of safety related equipment.
- d. Security Plan implementation.
- e. Emergency Plan implementation.
- f. Fire Protection Program implementation.

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

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.
- b. The change is documented, reviewed by the PRB and approved by the General Manager within 14 days of implementation.

# ATTACHMENT 4 NRC DOCKET 50-366 OPERATING LICENSE NPF-5 EDWIN I. HATCH NUCLEAR PLANT UNIT 2 PROPOSED CHANGE TO TECHNICAL SPECIFICATIONS

Replace the following pages of the Unit 2 Appendix "A" Technical Specifications with the enclosed pages. The revised pages are identified by amendment number and contain a vertical line indicating the area of change.

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#### 6.1 RESPONSIBILITY

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

# 6.2 ORGANIZATION

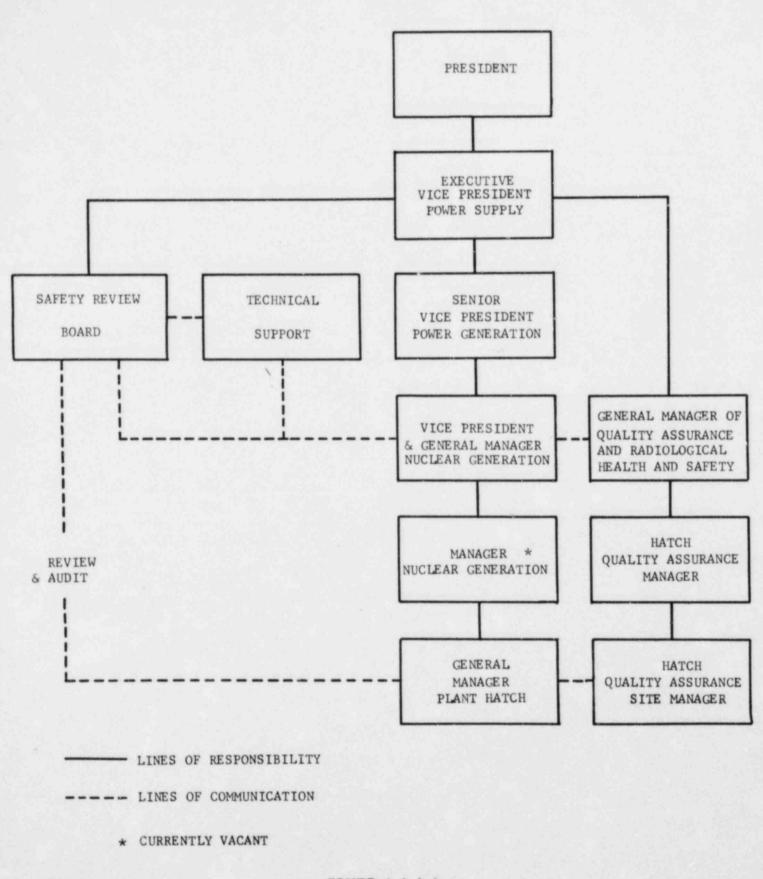
# OFFSITE

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

# UNIT STAFF

6.2.2 The unit organization shall be as shown on Figure 6.2.2-1 and:

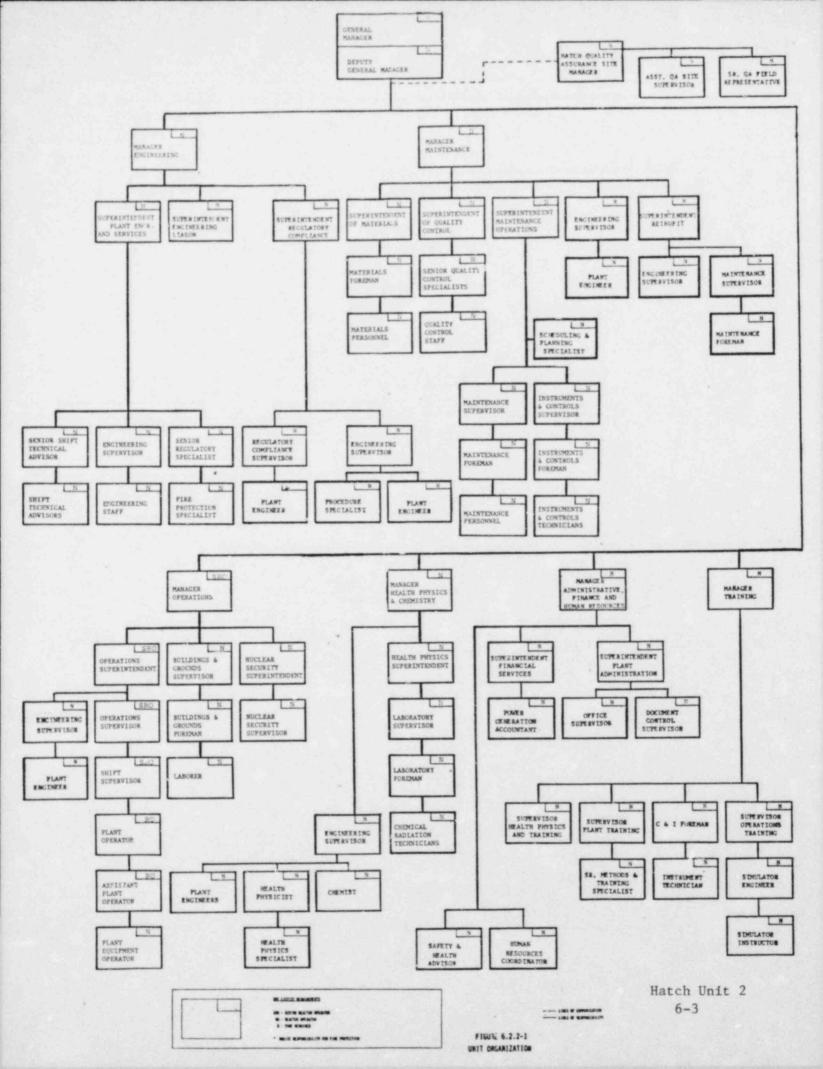
- a. Each on duty shift shall be composed of at least the minimum shift crew composition shown in Table 6.2.2-1.
- b. At least one licensed Operator shall be in the control room for each reactor containing fuel.
- c. At least two licensed Operators shall be present in the control room for each reactor in the process of start-up, scheduled reactor shutdown and during recovery from reactor trips.
- d. An individual qualified to implement radiation protection procedures shall be on site when fuel is in either reactor.
- e. All CORE ALTERATIONS 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.
- f. A Fire Team of at least five members shall be maintained onsite at all times. The Fire Team shall not include the minimum shift crew necessary for safe shutdown of Units 1 and 2 or any personnel required for other essential functions during a fire emergency.



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FIGURE 6.2.1-1 OFFSITE ORGANIZATION



# 6.3 UNIT STAFF QUALIFICATIONS

6.3.1 Each member of the unit staff shall meet or exceed the minimum qualifications of ANSI N18.1-1971 for comparable positions except for the Health Physics Superintendent who shall meet or exceed the qualifications of Regulatory Guide 1.8, September 1975, and the Shift Technical Advisor who shall have a bachelor's degree or equivalent in a scientific or engineering discipline with specific training in plant design, and response and analysis of the plant for transients and accidents.

# 6.4 TRAINING

6.4.1 A retraining and replacement training program for the unit staff shall be maintained under the direction of the Senior Methods and Training Specialist 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.

6.4.2 A training program for fire protection shall be maintained under the direction of the Senior Regulatory Specialist and shall meet or exceed the requirements of Section 27 of the NFPA Code-1975, except for fire protection training sessions which shall be held at least once per 92 days.

# 6.5 REVIEW AND AUDIT

### 6.5.1 PLANT REVIEW BOARD (PRB)

FUNCTION

6.5.1.1 The PRB shall function to advise the General Manager on all matters related to nuclear safety.

### COMPOSITION

6.5.1.2 The Plant Review Board shall be composed of the:

Chairman*:	General Manager
Member:	Deputy General Manager
Member:	Superintendent of Operations
Member:	Superintendent of Maintenance
Member:	Health Physics Superintendent
Member:	Superintendent of Quality Control
Member:	Superintendent of Plant Engineering Services
Member	Superintendent of Regulatory Compliance
Member (non-votir	ng): Representative of Site Quality Assurance

\*General Manager to designate chairman from voting PRB membership as necessary.

#### ALTERNATES

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

## MEETING FREQUENCY

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

# QUORUM

6.5.1.5 The minimum quorum of the PRB necessary for the performance of the PRB responsibility and authority provisions of these Technical Specifications shall consist of the Chairman or designated Chairman and three members including alternates.

# RESPONSIBILITIES

6.5.1.6 The Plant Review Board shall be responsible 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 General Manager to affect nuclear safety.
- Review of all proposed tests and experiments that affect nuclear safety.
- c. Review of all proposed changes to Appendix "A" Technical Specifications.
- d. Review of all proposed changes or modifications to unit 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 Manager of Nuclear Generation or the Vice President and General Manager Nuclear Generation and to the Safety Review Board (SRB).
- f. Review of events requiring 24 hour written notification to the Commission.
- g. Review of unit operations to detect potential nuclear safety hazards.
- h. Performance of special review, investigations or analyses and reports thereon as requested by the General Manager or the SRB.

# RESPONSIBILITIES (Continued)

- i. Review of the Security Plan and implementing procedures and shall submit recommended changes to the SRB,
- j. Review of the Emergency Plan and implementing procedures and shall submit recommended changes to the SRB.

## AUTHORITY

6.5.1.7 The PRB shall:

- a. Recommend in writing to the General Manager approval or disapproval of items considered under 6.5.1.6(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 with 24 hours to the Manager of Nuclear Generation or the Vice President and General Manager Nuclear Generation and the Safety Review Board of disagreement between the PRB and the General Manager; however, the General Manager shall have responsibility for resolution of such disagreements pursuant to 6.1.1 above.

# RECORDS

6.5.1.8 The Plant Review Board shall maintain written minutes of each PRB meeting that, at a minimum, document the results of all PRB activities performed under the responsibility and authority provisions of these Technical Specifications. Copies shall be provided to the Manager of Nuclear Generation or the Vice President and General Manager Nuclear Generation and the Safety Review Board.

# 6.5.2 SAFETY REVIEW BOARD (SRB)

## FUNCTION

6.5.2.1 The SRB 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.

## FUNCTION (Continued)

- d. Metallurgy,
- e. Instrumentation and control,
- f. Radiological safety,
- g. Mechanical and electrical engineering,
- h. Quality assurance practices.

# COMPOSITION

6.5.2.2 The SRB shall be composed of a minimum of seven persons who as a group provide the expertise to review and audit the operation of a nuclear power plant. The Chairman and Vice Chairman and other members shall be appointed by the Executive Vice President - Power Supply or such other person as he shall designate. The composition of the SRB shall meet the requirements of ANSI N18.7-1976.

## ALTERNATES

6.5.2.3 All alternate representatives shall be appointed in writing by the absent member to serve on a temporary basis; however, no more than two alternates shall participate in SRB activities at any one time and alternate representatives shall not have voting privileges.

#### CONSULTANTS

6.5.2.4 Consultants shall be utilized as determined by the SRB Chairman or Vice-Chairman to provide expert advice to the SRB.

#### MEETING FREQUENCY

6.5.2.5 The SRB shall meet at least once per calendar quarter during the initial year of unit operation following fuel loading and at least once per six months thereafter.

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#### AUDITS

6.5.2.8 Audits of unit activities shall be performed under the cognizance of the SRB. Each inspection or audit shall be performed within the specified time interval with:

- 1. A maximum allowable extension not to exceed 25% of the inspection or audit interval.
- A total maximum combined interval time for any 3 consecutive 2. inspection or audit intervals not to exceed 3.25 times the specified inspection or audit interval.

These audits shall encompass:

- The conformance of unit operation to provisions contained within a. the Technical Specifications and applicable license conditions at least once per 12 months.
- The performance, training and qualifications of the entire unit b. staff at least once per 12 months.
- The results of actions taken to correct deficiencies occurring in c. unit 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.
- The Emergency Plan and implementing procedures at least once per 24 e. months.
- The Security Plan and implementing procedures at least once per 24 f. months.
- Any other area of unit operation considered appropriate by the SRB g. or the Senior vice President Power Supply.
- The Fire Protection Program and implementing procedures at least h. once per 24 months.
- An independent fire protection and loss prevention inspection and i. audit shall be performed annually utilizing either qualified offsite licensee personnel or an outside fire protection firm.
- An inspection and audit of the fire protection and loss prevention j. program shall be performed by an outside qualified fire consultant at intervals no greater than 3 years. During the year in which the inspection or audit occurs, the requirements of 6.5.2.8i can be affected concurrently.

#### AUTHORITY

6.5.2.9 The SRB shall report to and advise the Executive Vice president -Power Supply on those areas of responsibility specified in Sections 6.5.2.7 HATCH - UNIT 2

#### RECURDS

6.5.2.10 Records of SRB activities shall be prepared, approved and distributed as indicated below:

- a. Minutes of each SRB meeting shall be prepared, approved and fowarded to the Executive Vice President-Power Supply within 14 days following each meeting.
- b. Reports of reviews encompassed by Section 6.5.2.7 above, shall be prepared, approved and forwarded to the Executive Vice President-Power Supply within 14 days following completion of the review.
- c. Audit reports encompassed by Section 6.5.2.8 above, shall be forwarded to the Executive Vice President-Power Supply 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 PRB and submitted to the SRB and the Manager of Nuclear Generation or the Vice President and General Manager Nuclear Generation.

### 6.7 SAFETY LIMIT VIOLATION

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

- a. The unit shall be placed in at least HOT SHUTDOWN within two hours.
- b. The Safety Limit violation shall be reported to the Commission, the Manager Nuclear Generation or the Vice President and General Manager Nuclear Generation and to the SRB within 24 hours.

# SAFETY LIMIT VIOLATION (Continued)

- c. A Safety Limit Violation Report shall be prepared. The report shall be reviewed by the PRB. 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 SRB and the Manager of Nuclear Generation or the Vice President and General Manager of Nuclear Generation 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, Revision 2, February 1978.
- b. Refueling operations.
- c. Surveillance and test activities of safety related equipment.
- d. Security Plan implementation.
- e. Emergency Plan implementation.
- f. Fire Protection Program implementation.

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

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.
- b. The change is documented, reviewed by the PRB and approved by the General Manager within 14 days of implementation.