REPLACEMENT PAGES FOR ATTACHMENT (4) OF BGE LETTER

DATED MARCH 15, 1995

UNIT 1 TECHNICAL SPECIFICATIONS MARKED-UP PAGES

Replace the Following Pages:

6-2

Insert 3 following Page 6-2

6-5

6-16

Insert 5 following Page 6-16

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 STARTUP, 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.

(14) ~~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.~~

(15) e f. A site Fire Brigade of at least 5 members shall be maintained onsite at all times. The Fire Brigade shall not include the minimum shift crew necessary for safe shutdown of both units (4 members) or any personnel required for other essential functions during a fire emergency. Insert 2 (see p. 6-5)

(16) (9) f ~~g~~. The ~~Superintendent - Nuclear Operations~~ operations manager shall hold or have held a senior reactor operator license at Calvert Cliffs. The ~~General~~ Supervisor ~~Supervisor - Nuclear Operations~~, Shift Supervisor and Control Room Supervisor shall hold a senior reactor operator license. The Control Room Operator shall hold a reactor operator license.

(13) a. A total of at least three non-licensed operators shall be assigned to the Unit 1 & 2 shift crews.

(17) (18) (19) Inserts 3 & 4 (see p. 6-4)

(22) Insert 20 (see p. 6-4)

5/1/96 Supplement, Attachment (1), Change 3

Insert 3 (see p. 6-2)

(24) g. One Shift Technical Advisor (STA) shall be assigned to the shift crew when either unit is in MODE 1, 2, 3 or 4 and shall be filled as follows:

(17) (1) by the Shift Supervisor or an on-shift Senior Operator License (SOL) holder provided the individual meets the Commission Policy Statement on Engineering Expertise on Shift; or

(25) (2) by an individual meeting the minimum STA education and training requirement of Specification 6.3.1; or

(24) (3) by a SOL holder previously approved by the NRC as an exception to the minimum STA education requirements of Specification 6.3.1, provided the following conditions are met.

(i) With both units in MODE 1,2,3 or 4, the STA shall be an SOL holder in addition to the two SOL holders required.

(ii) With one unit in MODE 1,2,3 or 4 and the other unit in MODE 5 or 6, the STA shall be an SOL holder other than the Shift Supervisor.

(iii) With one unit in MODE 1,2,3 or 4 and the other unit defueled, the STA shall be a SOL holder in addition to the one SOL holder required.

5/1/96 Supplement, Attachment (1), Change 2

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 (1) the Radiation Safety Engineer who shall meet or exceed the qualifications of Regulatory Guide 1.8, September 1975, and (2) 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. Additional exceptions to ANSI N18.1-1971 are contained in Table 1B-1 of the Quality Assurance Policy for the Calvert Cliffs Nuclear Power Plant. (26)

~~6.4 TRAINING~~ (27)

~~6.4.1 A retraining and replacement training program for the facility staff shall be maintained under the direction of the General Supervisor - Nuclear Training and shall meet or exceed the requirements and recommendations of Section 5.5 of ANSI N18.1-1971 and 10 CFR 55.59(c), as applicable.~~ (28)

~~6.4.2 A training program for the~~ Fire Brigade training shall ~~be maintained under the direction of the Manager-Nuclear Safety and Planning Department and shall~~ meet ~~or exceed~~ the requirements of NFPA 27, 1975 edition. (29) (30)

6.5 REVIEW AND AUDIT (31)

6.5.1 PLANT OPERATIONS AND SAFETY REVIEW COMMITTEE (POSRC)

FUNCTION

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

COMPOSITION

6.5.1.2 The POSRC shall be composed of at least seven, but no more than ten, members, including the Chairman. Members shall collectively have experience in the following areas:

Nuclear Operations
Electrical and Controls Maintenance
Chemistry
Mechanical Maintenance
Nuclear Engineering
Radiation Safety
Plant Engineering
Design Engineering

Insert 2 (See p. 6-2)

5/1/96 Supplement, Attachment (1), Change 4

~~6.7 SAFETY LIMIT VIOLATION~~

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

Insert 1 (see P. 2-1)

~~a. The facility shall be placed in at least HOT STANDBY within one hour.~~

b. The NRC Operations Center shall be notified by telephone as soon as possible and in all cases within one hour. The Vice President - Nuclear Energy and the ~~OSSRC~~ offsite review function shall be notified within 24 hours.

c.

d. ~~c.~~ A Safety Limit Violation Report shall be prepared. ~~The report shall be reviewed by the POSRC. 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~~ and submitted to the Commission, the ~~OSSRC~~ offsite review function and the Vice President - Nuclear Energy 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.

Insert 5

~~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~~*.

f ~~g.~~ The amount of overtime worked by plant staff members performing safety related functions must be limited in accordance with the NRC Policy Statement on Working Hours (Generic Letter No. 82-12).

5/1/96 Supplement, Attachment (1), Change 1

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* ~~POSRC is only required to review Fire Protection procedures and changes thereto which affect nuclear safety.~~

Insert 5 (see p. 6-16)

(46) b. The emergency operating procedures required to implement the requirements of NUREG-0737 and NUREG-0737, Supplement 1 as stated in Generic Letter 82-33; ~~and~~

(47) c. All programs specified in Specification 6.5; and

c. Quality assurance for effluent and environmental monitoring;

d. Fire Protection Program implementation;

5/1/96 Supplement Attachment (1), Change 1

REPLACEMENT PAGES FOR ATTACHMENT (5) OF BGE LETTER

DATED MARCH 15, 1995

UNIT 2 TECHNICAL SPECIFICATIONS MARKED-UP PAGES

Replace the Following Pages:

6-2

Insert 3 following Page 6-2

6-5

6-16

Insert 5 following Page 6-16

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 STARTUP, 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.

(14) ~~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.~~

(15) e ~~f~~. A site Fire Brigade of at least 5 members shall be maintained onsite at all times. The Fire Brigade shall not include the minimum shift crew necessary for safe shutdown of both units (4 members) or any personnel required for other essential functions during a fire emergency. Insert 2 (see p. 6-5)

(16) (9) f ~~g~~. The ~~Superintendent - Nuclear Operations~~ operations manager shall hold or have held a senior reactor operator license at Calvert Cliffs. The ~~General Supervisor - Nuclear Operations~~, Shift Supervisor and Control Room Supervisor shall hold a senior reactor operator license. The Control Room Operator shall hold a reactor operator license.

(13) a. A total of at least three non-licensed operators shall be assigned to the Unit 1 & 2 shift crews.

(17) (19) Inserts 3 & 4 (see p. 6-4)

(22) Insert 20 (see p. 6-4)

5/1/96 Supplement, Attachment (1), Change 3.

Insert 3 (see p. 6-2)

(24) g. One Shift Technical Advisor (STA) shall be assigned to the shift crew when either unit is in MODE 1, 2, 3 or 4 and shall be filled as follows:

(17) (1) by the Shift Supervisor or an on-shift Senior Operator License (SOL) holder provided the individual meets the Commission Policy Statement on Engineering Expertise on Shift; or

(25) (2) by an individual meeting the minimum STA education and training requirement of Specification 6.3.1; or (by the NRC)

(24) (3) by a SOL holder previously approved as an exception to the minimum STA education requirements of Specification 6.3.1, provided the following conditions are met.

(i) With both units in MODE 1,2,3 or 4, the STA shall be an SOL holder in addition to the two SOL holders required.

(ii) With one unit in MODE 1,2,3 or 4 and the other unit in MODE 5 or 6, the STA shall be an SOL holder other than the Shift Supervisor.

(iii) With one unit in MODE 1,2,3 or 4 and the other unit defueled, the STA shall be a SOL holder in addition to the one SOL holder required.

5/1/96 Supplement, Attachment (1), Change 2

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 (1) the Radiation Safety Engineer who shall meet or exceed the qualifications of Regulatory Guide 1.8, September 1975, and (2) 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. Additional exceptions to ANSI N18.1-1971 are contained in Table 18-1 of the Quality Assurance Policy for the Calvert Cliffs Nuclear Power Plant. (26)

~~6.4 TRAINING~~ (27)

~~6.4.1 A retraining~~ and replacement training program for the ~~facility~~ staff shall be maintained ~~under the direction of the General Supervisor - Nuclear Training and shall meet or exceed the requirements~~ and recommendations of ~~Section 5.5~~ of ANSI N18.1-1971 and 10 CFR 55.59(c), ~~as applicable~~. (28) *

~~6.4.2 A training program for the~~ Fire Brigade training shall ~~be maintained under the direction of the Manager-Nuclear Safety and Planning Department and shall~~ meet ~~or exceed~~ the requirements of NFPA 27, 1975 edition. (29) (30) †

Insert 2 (see p. 6-2)

6.5 REVIEW AND AUDIT (31)

6.5.1 PLANT OPERATIONS AND SAFETY REVIEW COMMITTEE (POSRC)

FUNCTION

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

COMPOSITION

6.5.1.2 The POSRC shall be composed of at least seven, but no more than ten, members, including the Chairman. Members shall collectively have experience in the following areas:

Nuclear Operations
Electrical and Controls Maintenance
Chemistry
Mechanical Maintenance
Nuclear Engineering
Radiation Safety
Plant Engineering
Design Engineering

5/1/96 Supplement, Attachment (1), Change 4

(34) ~~6.7 SAFETY LIMIT VIOLATION~~

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

(35) ~~a. The facility shall be placed in at least HOT STANDBY within one hour.~~ Insert 1 (see p. 2-1)

(36) b. The NRC Operations Center shall be notified by telephone as soon as possible and in all cases within one hour. The Vice President - Nuclear Energy and the ~~OSSRC~~ offsite review function shall be notified within 24 hours.

(37) (38) c.

(39) d. ~~e.~~ A Safety Limit Violation Report shall be prepared. ~~The report shall be reviewed by the POSRC. 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.~~

(40) ~~d.~~ The Safety Limit Violation Report shall be submitted to the Commission, the ~~OSSRC~~ offsite review function and the Vice President - Nuclear Energy within 14 days of the violation.

(41) 6.~~8~~4 PROCEDURES

6.~~8~~4.1 Written procedures shall be established, implemented and maintained covering the activities referenced below:

(46) a. The applicable procedures recommended in Appendix A of Regulatory Guide 1.33, Revision 2, February 1978.

(47) Insert 5

(42) ~~b. Refueling operations.~~

~~c. Surveillance and test activities of safety related equipment.~~

(43) ~~d. Security Plan implementation.~~

~~e. Emergency Plan implementation.~~

(42) ~~f. Fire Protection Program implementation~~*.

(48) f ~~g.~~ The amount of overtime worked by plant staff members performing safety related functions must be limited in accordance with the NRC Policy Statement on Working Hours (Generic Letter No. 82-12).

5/1/96 Supplement, Attachment (1), Change 1

(42) * ~~POSRC is only required to review Fire Protection procedures and changes thereto which affect nuclear safety.~~

Insert 5 (see p. 6-16)

(46) b. The emergency operating procedures required to implement the requirements of NUREG-0737 and NUREG-0737, Supplement 1 as stated in Generic Letter 82-33; ~~and~~

(47) ~~c.~~ All programs specified in Specification 6.5; and

c. Quality assurance for effluent and environmental monitoring;

d. Fire Protection Program implementation;

5/1/96 Supplement
Attachment (1),
Change 1

REPLACEMENT PAGES FOR ATTACHMENT (6) OF BGE LETTER

DATED MARCH 15, 1995,

UNIT 1 PROPOSED TECHNICAL SPECIFICATIONS

Replace the Following Pages:

6-2

6-3

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 **STARTUP**, 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. A site Fire Brigade of at least five members shall be maintained onsite at all times. The Fire Brigade shall not include the minimum shift crew necessary for safe shutdown of both units (four members) or any personnel required for other essential functions during a fire emergency. Fire Brigade training shall meet the requirements of NFPA 27, 1975 edition.

f. The operations manager shall hold or have held a senior reactor operator license at Calvert Cliffs. The General Supervisor, Shift Supervisor and Control Room Supervisor shall hold a senior reactor operator license. The Control Room Operator shall hold a reactor operator license.

g. One Shift Technical Advisor (STA) shall be assigned to the shift crew when either unit is in **MODE** 1, 2, 3 or 4, and shall be filled as follows:

   1. By the Shift Supervisor or an on-shift Senior Operator License (SOL) holder, provided the individual meets the Commission Policy Statement on Engineering Expertise on Shift; or

   2. By an individual meeting the minimum STA education and training requirement of Specification 6.3.1; or

   3. By an SOL holder previously approved by the NRC as an exception to the minimum STA education requirements of Specification 6.3.1, provided the following conditions are met:

      (a) With both units in **MODE** 1, 2, 3 or 4, the STA shall be an SOL holder in addition to the two SOL holders required;

      (b) With one unit in **MODE** 1, 2, 3 or 4 and the other unit in **MODE** 5 or 6, the STA shall be an SOL holder other than the Shift Supervisor; and

      (c) With one unit in **MODE** 1, 2, 3 or 4 and the other unit defueled, the STA shall be an SOL holder in addition to the one SOL holder required.

h. Shift crew composition may be less than the minimum requirements of 10 CFR 50.54(m)(2)(i) and Specifications 6.2.2.a and 6.2.2.g for a period of time not to exceed two 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.

i. Those licensed operators counted toward the minimum shift crew composition required by 10 CFR 50.54(m)(2)(i) shall be licensed for both units.

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 (1) the Radiation Safety Engineer who shall meet or exceed the qualifications of Regulatory Guide 1.8, September 1975, and (2) 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 PROCEDURES

6.4.1 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. The emergency operating procedures required to implement the requirements of NUREG-0737 and NUREG-0737, Supplement 1, as stated in Generic Letter 82-33;

c. Quality assurance for effluent and environmental monitoring;

d. Fire Protection Program implementation;

e. All programs specified in Specification 6.5; and

f. The amount of overtime worked by plant staff members performing safety-related functions must be limited in accordance with the NRC Policy Statement on Working Hours (Generic Letter 82-12).