

ENCLOSURE 1

BRUNSWICK STEAM ELECTRIC PLANT, UNITS 1 AND 2  
NRC DOCKETS 50-325 & 50-324  
OPERATING LICENSES DPR-71 & DPR-62  
SUPPLEMENT TO REQUEST FOR LICENSE AMENDMENT  
OPERATIONS ORGANIZATION CHANGES  
(NRC TAC NOS. 79770 AND 79771)

TECHNICAL SPECIFICATION PAGES - UNIT 1

## ADMINISTRATIVE CONTROLS

### FACILITY STAFF (Continued)

- d. The Operations Manager - Unit 1, Shift Supervisor, and Senior Control Operators shall hold a senior reactor operator license. The Control Operators shall hold a reactor operator license.
- e. The Manager - Operations shall hold or have held a senior reactor operators license for either the Brunswick Plant or a similar plant.<sup>(a)</sup>
- f. An individual qualified to implement radiation protection procedures shall be onsite when fuel is in either reactor.\*
- g. 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.
- h. A Fire Brigade of at least five members shall be maintained onsite at all times.\* The Fire Brigade shall not include the minimum shift crew shown in Table 6.2.2-1 or any personnel required for other essential functions during a fire emergency.
- i. Administrative procedures shall be developed and implemented to limit the working hours of facility staff who perform safety-related functions; e.g., senior reactor operators, reactor operators, health physicists, auxiliary operators, and key maintenance personnel. These procedures shall meet the working hour guidelines published by the Commission in Generic Letter No. 82-12.

(a) The requirement for the Manager - Operations to hold or have held a senior reactor operator license is exempted for a period of 18 months starting from (the date of amendment issuance).

\* The individual qualified to implement radiation protection procedures and Fire Brigade composition may be less than the minimum requirements for a period of time not to exceed two hours in order to accommodate unexpected absence provided immediate action is taken to fill the required positions.

TABLE 6.2.2-1

MINIMUM FACILITY SHIFT CREW COMPOSITION

WITH UNIT 2 IN CONDITION 1, 2, OR 3		
POSITION	NUMBER OF INDIVIDUALS REQUIRED TO FILL POSITION	
	CONDITIONS 1, 2, & 3	CONDITIONS 4 & 5
SRO <sup>(a)</sup>	2	2 <sup>(b)</sup>
RO <sup>(a)</sup>	3	3
AO	3	3
STA	1	1

WITH UNIT 2 IN CONDITION 4 OR 5		
POSITION	NUMBER OF INDIVIDUALS REQUIRED TO FILL POSITION	
	CONDITIONS 1, 2, & 3	CONDITIONS 4 & 5
SRO <sup>(a)</sup>	2	2 <sup>(b)</sup>
RO <sup>(a)</sup>	3	2
AO	3	3
STA	1	None

WITH UNIT 2 DE-FUELED		
POSITION	NUMBER OF INDIVIDUALS REQUIRED TO FILL POSITION	
	CONDITIONS 1, 2, & 3	CONDITIONS 4 & 5
SRO <sup>(a)</sup>	2	2 <sup>(b)</sup>
RO <sup>(a)</sup>	2	2
AO	3	3
STA	1	None

TABLE 6.2.2-1 (Continued)

MINIMUM FACILITY SHIFT CREW COMPOSITION

TABLE NOTATION

SRO - Individual with a Senior Reactor Operators License  
RO - Individual with a Reactor Operators License  
AO - Auxiliary Operator (non-licensed individual)  
STA - Shift Technical Advisor

- (a) Assumes each individual is licensed on both plants.
- (b) Does not include the licensed Senior Reactor Operator or Senior Reactor Operator Limited to Fuel Handling, supervising CORE ALTERATIONS.

The Shift Crew Composition may be less than the minimum requirements 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 6.2.2-1.

## ADMINISTRATIVE CONTROLS

### 6.2.3 ONSITE NUCLEAR SAFETY (ONS)

#### FUNCTION

6.2.3.1 The ONS Unit shall function to examine facility operating characteristics, NRC issues, industry advisories, and other sources which may indicate areas for improving facility safety.

#### RESPONSIBILITIES

6.2.3.2 The ONS Unit shall be responsible for maintaining surveillance of facility activities to provide independent verification\* that these activities are performed correctly and that human errors are reduced as much as practical.

#### AUTHORITY

6.2.3.3 The ONS Unit shall make detailed recommendations for revised procedures, equipment modifications, or other means of improving facility safety to the Manager - Corporate Nuclear Safety Section.

### 6.2.4 SHIFT TECHNICAL ADVISOR

6.2.4.1 The Shift Technical Advisor shall serve in an advisory capacity to the Shift Supervisor on matters pertaining to the engineering aspects assuring safe operation of the unit.

### 6.3 FACILITY STAFF QUALIFICATION

6.3.1 Each member of the facility staff shall meet or exceed the minimum qualifications of ANSI N18.1-1971 for comparable positions<sup>(a)</sup>, except for (1) the Manager - Environmental & Radiation Control 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 during transients and accidents.

### 6.4 TRAINING

6.4.1 A retraining and replacement training program for the facility staff shall be maintained under the direction of the Manager - Training (BSEP) 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 the Fire Brigade shall be maintained under the direction of the Manager - Training (BSEP) and shall meet or exceed the requirements of Section 27 of the NFPA Code-1975.

\* Not responsible for sign-off function.

(a) The requirement for the Manager - Operations to hold or have held a senior reactor operator license is exempted for a period of 18 months starting from (the date of amendment issuance).

ENCLOSURE 2

BRUNSWICK STEAM ELECTRIC PLANT, UNITS 1 AND 2  
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SUPPLEMENT TO REQUEST FOR LICENSE AMENDMENT  
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(NRC TAC NOS. 79770 AND 79771)

TECHNICAL SPECIFICATION PAGES - UNIT 2

## ADMINISTRATIVE CONTROLS

### FACILITY STAFF (Continued)

- d. The Operations Manager - Unit 2, Shift Supervisor, and Senior Control Operators shall hold a senior reactor operator license. The Control Operators shall hold a reactor operator license.
- e. The Manager - Operations shall hold or have held a senior reactor operators license for either the Brunswick Plant or a similar plant.<sup>(a)</sup>
- f. An individual qualified to implement radiation protection procedures shall be onsite when fuel is in either reactor.\*
- g. 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.
- h. A Fire Brigade of at least five members shall be maintained onsite at all times.\* The Fire Brigade shall not include the minimum shift crew shown in Table 6.2.2-1 or any personnel required for other essential functions during a fire emergency.
- i. Administrative procedures shall be developed and implemented to limit the working hours of facility staff who perform safety-related functions; e.g., senior reactor operators, reactor operators, health physicists, auxiliary operators, and key maintenance personnel. These procedures shall meet the working hour guidelines published by the Commission in Generic Letter No. 82-12.

(a) The requirement for the Manager - Operations to hold or have held a senior reactor operator license is exempted for a period of 18 months starting from (the date of amendment issuance).

\* The individual qualified to implement radiation protection procedures and Fire Brigade composition may be less than the minimum requirements for a period of time not to exceed two hours in order to accommodate unexpected absence provided immediate action is taken to fill the required positions.

TABLE 6.2.2-1

MINIMUM FACILITY SHIFT CREW COMPOSITION

WITH UNIT 1 IN CONDITION 1, 2, OR 3		
POSITION	NUMBER OF INDIVIDUALS REQUIRED TO FILL POSITION	
	CONDITIONS 1, 2, & 3	CONDITIONS 4 & 5
SRO <sup>(a)</sup>	2	2 <sup>(b)</sup>
RO <sup>(a)</sup>	3	3
AO	3	3
STA	1	1

WITH UNIT 1 IN CONDITION 4 OR 5		
POSITION	NUMBER OF INDIVIDUALS REQUIRED TO FILL POSITION	
	CONDITIONS 1, 2, & 3	CONDITIONS 4 & 5
SRO <sup>(a)</sup>	2	2 <sup>(b)</sup>
RO <sup>(a)</sup>	3	2
AO	3	3
STA	1	None

WITH UNIT 1 DE-FUELED		
POSITION	NUMBER OF INDIVIDUALS REQUIRED TO FILL POSITION	
	CONDITIONS 1, 2, & 3	CONDITIONS 4 & 5
SRO <sup>(a)</sup>	2	2 <sup>(b)</sup>
RO <sup>(a)</sup>	2	2
AO	3	3
STA	1	None



TABLE 6.2.2-1 (Continued)

MINIMUM FACILITY SHIFT CREW COMPOSITION

TABLE NOTATION

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## ADMINISTRATIVE CONTROLS

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#### RESPONSIBILITIES

6.2.3.2 The ONS Unit shall be responsible for maintaining surveillance of facility activities to provide independent verification\* that these activities are performed correctly and that human errors are reduced as much as practical.

#### AUTHORITY

6.2.3.3 The ONS Unit shall make detailed recommendations for revised procedures, equipment modifications, or other means of improving facility safety to the Manager - Corporate Nuclear Safety Section.

### 6.2.4 SHIFT TECHNICAL ADVISOR

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