CP&L

Carolina Power & Light Company

March 9, 1981

File: NG-3514(B) Serial No.: NO-81-421

Office of Nuclear Reactor Regulation
ATTENTION: Mr. T. A. Ippolito, Chief
Operating Reactors Branch No. 2
United States Nuclear Regulatory Commission
Washington, D. C. 20555

BRUNSWICK STEAM ELECTRIC PLANT UNIT NOS. 1 AND 2
DOCKET NOS. 50-325 AND 50-324
LICENSE NOS. DPR-71 AND DPR-62
REVISIONS TO THE REQUEST FOR LICENSE AMENDMENT -
CATEGORY "A" LESSONS LEARNED ITEMS

Dear Mr. Ippolito:

As discussed in telephone conversations with your staff, Carolina Power & Light Company (CP&L) herewith submits the attached revisions to supplement its September 16, 1980 request for revisions to the Technical Specifications and Operating Licenses for the Brunswick Steam Electric Plant (BSEP) Unit Nos. 1 and 2, concerning Category "A" Lessons Learned items. The attached revised pages provide additional clarification only and do not change the technical content of the previous submittal. These attached pages should replace the corresponding pages of CP&L's September 16, 1980 request.

If you have any questions on this revision, please contact our staff.

Yours very truly,

E. E. Utley
Executive Vice President
Power Supply and
Engineering & Construction

JHF/jc (100-000)
Attachments

cc: Mr. J. P. O'Reilly (NRC-RII)

Sworn to and subscribed before me this 9th day of March 1981

My commission expires: October 4, 1982

Franklin Murray
Notary Public

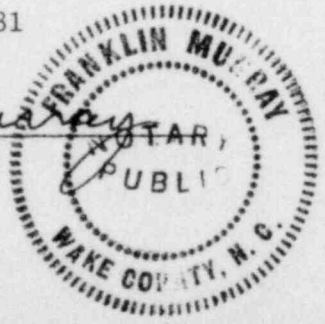

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TABLE 3.3.5.3-1

POST-ACCIDENT MONITORING INSTRUMENTATION

	INSTRUMENT AND INSTRUMENT NUMBER	MINIMUM NO. OF OPERABLE INSTRUMENT CHANNELS
1.	Reactor vessel water level (B21-LITS-N026A, B; B21-LR-615; B21-LI-R604A, B and B21-LITS-N037)	2
2.	Reactor vessel pressure (B21-PI-R004A, B; C32-LPR-R608 and C32-PT-N005A, B)	2
3.	Containment pressure (CAC-PI-2599; CAC-PT-2559; CAC-PR-1257-1 and CAC-PT-1257-1)	2
4.	Containment pressure (CAC-TR-1258-1 through 13, 22, 23, 24 and C91-P602)	2
5.	Suppression chamber atmosphere temperature (CAC-TR-1258-17 through 20 and C91-P602)	2
6.	Suppression chamber water level (CAC-LI-2601-3; CAC-LA-2602; CAC-LT-2601; CAC-LT-2602 and CAC-LY-2601-1)	2
7.	Suppression chamber water temperature (CAC-TR-1258-14, 21 and C91-P602)	2
8.	Containment radiation (CAC-AR-1260; CAC-AQH-1260-1, 2, 3; CAC-AR-1261; CAC-AQH-1261-1, 2, 3; CAC-AR-1262 and CAC-AQH-1262-1, 2, 3)	2
9.	Containment oxygen (CAC-AT-1259-2; CAC-AR-1259; CAC-AT-1263-2 and CAC-AR-1263)	2
10.	Containment hydrogen (CAC-AT-1959-1; CAC-AR-1259; CAC-AT-1263-1 and CAC-AR-1263)	2
11.	Safety relief valve position indication: Primary - Sonic (B21-FY-4157 through 4167) Secondary - Temp. (B21-TR-R614 points 1-11)	1/valve

MINIMUM SHIFT CREW COMPOSITION#

Condition of Unit 1 - Unit 2 in CONDITION 1, 2 or 3

LICENSE CATEGORY	APPLICABLE OPERATIONAL CONDITIONS	
	1, 2, 3	4 & 5
SOL**	2	2*
OL**	3	2
Non-Licensed	4	3
Shift Technical Advisor	1	0

Condition of Unit 1 - Unit 2 in CONDITION 4 or 5

LICENSE CATEGORY	APPLICABLE OPERATIONAL CONDITIONS	
	1, 2, 3	4 & 5
SOL**	2	1*
OL**	3	2
Non-Licensed	3	3
Shift Technical Advisor	1	0

Condition of Unit 1 - No Fuel in Unit 2

LICENSE CATEGORY	APPLICABLE OPERATIONAL CONDITIONS	
	1, 2, 3	4 & 5
SOL	1	1*
OL	2	1
Non-Licensed	2	1
Shift Technical Advisor	1	0

* Does not include the licensed Senior Reactor Operator or Senior Reactor Operator Limited to Fuel Handling, supervising CORE ALTERATIONS.

**Assumes each individual is licensed on both plants.

Shift crew composition, including an individual qualified in radiation protection procedures, 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.

TABLE 3.3.5.3-1

POST-ACCIDENT MONITORING INSTRUMENTATION

	INSTRUMENT AND INSTRUMENT NUMBER	MINIMUM NO. OF OPERABLE INSTRUMENT CHANNELS
1.	Reactor vessel water level (B21-LITS-NC26A, B; B21-LR-615; B21-LI-R604A, B and B21-LITS-N037)	2
2.	Reactor vessel pressure (B21-PI-R004A, B; C32-LPR-R608 and C32-PT-N005A, B)	2
3.	Containment pressure (CAC-PI-2599; CAC-PT-2559; CAC-PR-1257-1 and CAC-PT-1257-1)	2
4.	Containment pressure (CAC-TR-1258-1 through 13, 22, 23, 24 and C91-P602)	2
5.	Suppression chamber atmosphere temperature (CAC-TR-1258-17 through 20 and C91-P602)	2
6.	Suppression chamber water level (CAC-LI-2601-3; CAC-LA-2602; CAC-LT-2601; CAC-LT-2602 and CAC-LY-2601-1)	2
7.	Suppression chamber water temperature (CAC-TR-1258-14, 21 and C91-P602)	2
8.	Containment radiation (CAC-AR-1260; CAC-AQH-1260-1, 2, 3; CAC-AR-1261; CAC-AQH-1261-1, 2, 3; CAC-AR-1262 and CAC-AQH-1262-1, 2, 3)	2
9.	Containment oxygen (CAC-AT-1259-2; CAC-AR-1259; CAC-AT-1263-2 and CAC-AR-1263)	2
10.	Containment hydrogen (CAC-AT-1959-1; CAC-AR-1259; CAC-AT-1263-1 and CAC-AR-1263)	2
11.	Safety relief valve position indication: Primary - Sonic (B21-FY-4157 through 4167) Secondary - Temp. (B21-TR-R614 points 1-11)	1/valve

TABLE 6.2.2-1

MINIMUM SHIFT CREW COMPOSITION#

Condition of Unit 1 - Unit 2 in CONDITION 1, 2 or 3

LICENSE CATEGORY	APPLICABLE OPERATIONAL CONDITIONS	
	1, 2, 3	4 & 5
SOL**	2	2*
OL**	3	2
Non-Licensed	4	3
Shift Technical Advisor	1	0

Condition of Unit 1 - Unit 2 in CONDITION 4 or 5

LICENSE CATEGORY	APPLICABLE OPERATIONAL CONDITIONS	
	1, 2, 3	4 & 5
SOL**	2	1*
OL**	3	2
Non-Licensed	3	3
Shift Technical Advisor	1	0

Condition of Unit 1 - No Fuel in Unit 2

LICENSE CATEGORY	APPLICABLE OPERATIONAL CONDITIONS	
	1, 2, 3	4 & 5
SOL	1	1*
OL	2	1
Non-Licensed	2	1
Shift Technical Advisor	1	0

* Does not include the licensed Senior Reactor Operator or Senior Reactor Operator Limited to Fuel Handling, supervising CORE ALTERATIONS.

**Assumes each individual is licensed on both plants.

Shift crew composition, including an individual qualified in radiation protection procedures, 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.

6.3 FACILITY 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 (1) the (Radiation Protection Manager) 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 TRAINING

6.4.1 A retraining and replacement training program for the facility staff shall be maintained under the direction of the Training Supervisor 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 Plant Fire Chief and shall meet or exceed the requirements of Section 27 of the NFPA Code-1975.

6.5 REVIEW AND AUDIT

6.5.1 PLANT NUCLEAR SAFETY COMMITTEE (PNSC)

FUNCTION

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

COMPOSITION

6.5.1.2 The PNSC shall be composed of the:

Chairman:	Plant General Manager
Vice Chairman:	Operations Manager, Maintenance Manager, Technical - Administrative Manager or Director-Nuclear Safety and QA
Secretary:	Administrative Supervisor
Member:	Maintenance Supervisor (I&C)
Member:	Maintenance Supervisor (Mechanical)
Member:	Engineering Supervisor
Member:	Environmental and Radiation Control Supervisor
Member:	Quality Assurance Supervisor
Member:	Shift Operating Supervisors
Member:	Training Supervisor

ALTERNATES

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