ENCLOSURE 3
VOGTLE ELECTRIC GENERATING PLANT
REQUEST TO REVISE TECHNICAL SPECIFICATIONS
RELATED TO AREA TEMPERATURE MONITORING

INSTRUCTIONS FOR CHANGE AND REVISED PAGES

The proposed change to the Vogtle Electric Generating Plant Technical Specifications would be incorporated as follows.

Remove Page	Insert Page
IX* and X	IX* and X
3/4 7-27 and 3/4 7-28	3/4 7-27 and 3/4 7-28
B 3/4 7-6	B 3/4 7-6

* Overleaf page containing no change.

INDEX

LIMITING CONDITIONS FOR OPERATION AND SURVEILLANCE REQUIREMENTS

3/4.7.10 AREA TEMPERATURE MONITORING

LIMITING CONDITION FOR OPERATION

3.7.10 The Maximum Normal Temperature of each area shown in Table 3.7-3 shall not be exceeded for more than 8 hours and the Maximum Abnormal Temperature of Table 3.7-3 shall not be exceeded.

APPLICABILITY: Whenever the equipment in an affected area is required to be OPERABLE.

ACTION:

a. With one or more areas exceeding the Maximum Normal Temperature limit(s) shown in Table 3.7-3 for more than 8 hours, prepare and submit to the Commission within 30 days, pursuant to Specification 6.8.2, a Special Report that provides a record of the cumulative time and the amount by which the temperature in the affected area(s) exceeded the limit(s) and an analysis to demonstrate the continued OPERABILITY of the affected equipment. The provisions of Specification 3.0.3 are not applicable.

b. With one or more areas exceeding the Maximum Abnormal Temperature limit(s) shown in Table 3.7-3 prepare and submit a Special Report as required by ACTION a. above and within 4 hours either restore the area(s) to within the temperature limit(s) or declare the equipment in the affected area(s) inoperable.

SURVEILLANCE REQUIREMENTS

4.7.10 The temperature in each of the areas shown in Table 3.7-3 shall be determined to be within its limit at least once per 12 hours.

SPECIFICATION 3/4.7.10 DELETED

TABLE 3.7-3

~~AREA TEMPERATURE MONITORING~~

TABLE 3.7-3 DELETED

~~UNIT 1~~

BUILDING	ROOM NO	MAXIMUM NORMAL TEMP	MAXIMUM ABNORMAL TEMP
FUEL	B00B	104	120
AUXILIARY	110	100	104
AUXILIARY	202	100	107
AUXILIARY	203	100	107
AUXILIARY	A017	100	112
AUXILIARY	A047	100	107
AUXILIARY	B017	100	100
AUXILIARY	C113	100	109
AUXILIARY	C120	100	106
AUXILIARY	D053	100	110
AUXILIARY	D067	100	106
AUXILIARY	D072	100	105
AUXILIARY	D075	100	106
AUXILIARY	D119	100	105
AUXILIARY	D121	100	103
CONTROL	147	80	87
CONTROL	149	80	87
CONTROL	A054	100	114
CONTROL	A062	100	103
CONTROL	B065	100	106
CONTROL	B074	100	107
CONTROL	B078	100	104

UNIT 2

BUILDINGS	ROOM NO	MAXIMUM NORMAL TEMP	MAXIMUM ABNORMAL TEMP
AUXILIARY	159	115	126
AUXILIARY	229	100	120
AUXILIARY	A061	100	112
AUXILIARY	A104	115	126
AUXILIARY	A105	115	126
AUXILIARY	A107	115	126
AUXILIARY	B113	100	117
AUXILIARY	D006	100	106
AUXILIARY	D011	100	120
CONTROL	131	100	120
CONTROL	264	80	87
CONTROL	A002	100	107
CONTROL	A010	100	106
CONTROL	A014	100	120
CONTROL	B019	100	106
CONTROL	B033	100	124
EQUIPMENT	A008	115	126
EQUIPMENT	A009	115	126
EQUIPMENT	122	115	126
EQUIPMENT	123	115	126

SNUBBERS (Continued)

The service life of a snubber is established via manufacturer input and information through consideration of the snubber service conditions and associated installation and maintenance records (newly installed snubbers, seal replaced, spring replaced, in high radiation area, in high temperature area, etc.). The requirement to monitor the snubber service life is included to ensure that the snubbers periodically undergo a performance evaluation in view of their age and operating conditions. These records will provide statistical bases for future consideration of snubber service life.

3/4.7.9 SEALED SOURCE CONTAMINATION

The limitations on removable contamination for sources requiring leak testing, including alpha emitters, is based on 10 CFR 70.39(a)(3) limits for plutonium. This limitation will ensure that leakage from Byproduct, Source, and Special Nuclear Material sources will not exceed allowable intake values.

Sealed sources are classified into three groups according to their use, with Surveillance Requirements commensurate with the probability of damage to a source in that group. Those sources which are frequently handled are required to be tested more often than those which are not. Sealed sources which are continuously enclosed within a shielded mechanism (i.e., sealed sources within radiation monitoring or boron measuring devices) are considered to be stored and need not be tested unless they are removed from the shielded mechanism.

3/4.7.10 AREA TEMPERATURE MONITORING

(DELETED)

~~The area temperature limitations specified in Table 3.7-3 ensure that safety-related equipment not serviced by ESF HVAC systems and necessary for safe shutdown will not be subjected to temperatures in excess of their environmental qualification temperatures. Exposure to excessive temperatures may degrade equipment and can cause a loss of its OPERABILITY.~~

3/4.7.11 ENGINEERED SAFETY FEATURES (ESF) ROOM COOLER AND SAFETY-RELATED CHILLER SYSTEM

The operation of the ESF Room Cooler and Safety-Related Chiller System ensures that the ambient air temperature does not exceed the allowable temperature for continuous duty rating for the equipment cooled by the system.

3/4.7.12 REACTOR COOLANT PUMP THERMAL BARRIER COOLING WATER ISOLATION

This isolation function is designed to prevent a spill of the reactor coolant from a postulated breached thermal barrier should a break occur in the nonsafety-related ACCW piping downstream of the isolation valve.

ENCLOSURE 4

VOGTLE ELECTRIC GENERATING PLANT
REQUEST TO REVISE TECHNICAL SPECIFICATIONS
RELATED TO AREA TEMPERATURE MONITORING

PROPOSED CHANGES TO THE FSAR

Add to section 3.11.B.1 as item "D" prior to section 3.11.B.1.1 (Page 3.11.B.1-6)

D. Rooms with safety related equipment necessary for safe shutdown were evaluated to assure that the temperatures would be within acceptable values in order to determine the necessity for temperature surveillance. Rooms that met any of the following criteria do not require surveillance:

- Rooms with safety related HVAC systems
- Rooms with a high temperature alarm that annunciates in the main control room when the normal design temperature is exceeded[1]
- Rooms classified as mild environment where the calculated room temperature with a loss of normal HVAC for seven days is less than 150°F
- Rooms with natural ventilation and designed for ambient conditions (e.g. NSCW Pumphouse)

Rooms that contain safety related equipment necessary for safe shutdown that do not meet any of the above criteria were also evaluated based on historical records of temperatures. These records indicated that the temperatures remain within their environmental qualification limits with the normally provided HVAC in operation, but that upon failure of the HVAC it is possible for the room temperature to exceed the values assumed for equipment environmental qualification. Therefore, surveillance of these rooms is conducted in accordance with section 16.3, Area Temperature Monitoring, in the event of a loss of the normal HVAC.

The qualified life of environmentally qualified equipment is based on the environmental conditions indicated in table 3.11.B.1-1. Area temperature monitoring in conjunction with the evaluation described above provides reasonable assurance that the normal temperature used for environmental qualification of safety related equipment necessary for safe shutdown is not exceeded without an evaluation of equipment operability.

[1] High temperature alarms require the same level of action for exceeding the design temperature limits as those described in section 16.3 , Area Temperature Monitoring.

ENCLOSURE 4 (CONTINUED)

REQUEST TO REVISE TECHNICAL SPECIFICATIONS
RELATED TO AREA TEMPERATURE MONITORING

PROPOSED CHANGES TO THE FSAR

Add to FSAR Section 16.3

Requirement 7 - Area Temperature Monitoring

The temperature limitation for each area[1] specified in table 16.3-6 shall not be exceeded for more than 8 hours and a maximum temperature of 150° F shall not be exceeded. Whenever the above temperature limitations are exceeded, perform the following:

1. With one or more area(s) exceeding the temperature limit(s) shown in table 16.3-6 for more than 8 hours, prepare an analysis within 30 days to determine the effect on equipment operability and qualified life.

2. With one or more areas exceeding 150° F, within 12 hours either:

   - Restore the area(s) temperature to less than the limit(s) shown in table 16.3-6, and prepare an evaluation as stated in 1 above to demonstrate equipment operability, or
   - Declare the equipment in the affected area(s) inoperable.

The temperature in each of the affected areas shown in table 16.3-6 shall be determined to be within its limit at least once per 12 hours when the associated area normal[2] HVAC system is not in service.

[1] The basis for exclusion of areas from this table is given in section 3.11.B.1.

[2] For purposes of Area Temperature Monitoring, normal ventilation is defined as the following HVAC components or, the minimum amount of ventilation which can be shown, either through analysis or empirical data, to be sufficient to maintain the area temperature below the values shown in table 16.3-6. A stable temperature must be achieved if using empirical data to justify discontinuing or exempting an area from temperature monitoring.

Auxiliary Building
Unit 1: 1-1551-A7-001/002, 1-1553-N7-001/002/003
Unit 2: 2-1551-A7-001/002, 2-1553-N7-001/002/003

Control Building
Unit 1: 1-1533-A7-001/002
Unit 2: 2-1533-A7-001/002

Equipment Building
Unit 1: 1-1526-B7-001/002
Unit 2: 2-1526-B7-001/002

Fuel Handling Building
Unit 1 & 2: A-1541-A7-001/002, A-1541-N7-001/002

TABLE 16.3-6 (SHEET 1 OF 2)

AREA TEMPERATURE MONITORING

UNIT 1

BUILDING	ROOM NO.	TEMPERATURE LIMIT (°F)
AUX	212	100
AUX	A047	100
AUX	B017	100
AUX	B023	100
AUX	C064	100
AUX	C065	100
AUX	C066	100
AUX	C067	100
AUX	C083	100
AUX	C113	100
AUX	D052	100
AUX	D053	100
AUX	D067	100
AUX	D072	100
AUX	D073	100
AUX	D119	100
AUX	D121	100
CONTROL	A055	100
CONTROL	B065	100
CONTROL	B074	100
CONTROL	B078	100
EQUIPMENT	117	120
EQUIPMENT	125	120
FHB	B008	104

TABLE 16.3-6 (SHEET 2 OF 2)

UNIT 2

BUILDING	ROOM NO.	TEMPERATURE LIMIT (°F)
AUX	221	100
AUX	A082	100
AUX	B113	100
AUX	C010	100
AUX	C041	100
AUX	D106	100
AUX	D107	100
AUX	D113	100
AUX	D123	100
CONTROL	A002	100
CONTROL	A010	100
CONTROL	B002	100
CONTROL	B010	100
CONTROL	B019	100
EQUIPMENT	117	120
EQUIPMENT	125	120
FHB	B006	104