

December 22, 1988

Docket No. 50-424

Mr. W. G. Hairston, III
Senior Vice President -
Nuclear Operations
Georgia Power Company
P.O. Box 1295
Birmingham, Alabama 35201

Dear Mr. Hairston:

SUBJECT: NOTICE OF CONSIDERATION OF ISSUANCE OF AMENDMENT (TAC 71436)

Enclosed for your information is a copy of a "Notice of Consideration of Issuance of Amendment to Facility Operating License and Proposed No Significant Hazards Consideration Determination and Opportunity for Hearing" related to your December 12, 1988, request for an amendment to Facility Operating License No. NPF-68 for the Vogtle Electric Generating Plant, Unit 1. The proposed amendment would replace the Unit 1 Technical Specifications (TS) with combined TS for Units 1 and 2.

The notice has been forwarded to the Office of the Federal Register for publication.

Sincerely,

Original Signed By:

Jon B. Hopkins, Project Manager
Project Directorate II-3
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Enclosure:
F.R. Notice

cc w/enclosure:
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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

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Sincerely,


for Jon B. Hopkins, Project Manager
Project Directorate II-3
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Enclosure:
F.R. Notice

cc w/enclosure:
See next page

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Georgia Power Company

Vogtle Electric Generating Plant

cc:

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UNITED STATES NUCLEAR REGULATORY COMMISSIONGEORGIA POWER COMPANYOGLETHORPE POWER CORPORATIONMUNICIPAL ELECTRIC AUTHORITY OF GEORGIACITY OF DALTON, GEORGIADOCKET NO. 50-424NOTICE OF CONSIDERATION OF ISSUANCE OF AMENDMENT TO
FACILITY OPERATING LICENSE AND PROPOSED NO SIGNIFICANT HAZARDS
CONSIDERATION DETERMINATION AND OPPORTUNITY FOR HEARING

The United States Nuclear Regulatory Commission (the Commission) is considering issuance of an amendment to Facility Operating License No. NPF-68, issued to Georgia Power Company, Oglethorpe Power Corporation, Municipal Electric Authority of Georgia, and City of Dalton, Georgia (the licensee), for operation of the Vogtle Electric Generating Plant, Unit 1, located in Burke County, Georgia.

Georgia Power Company has prepared combined Technical Specifications (TS) for Vogtle Electric Generating Plant, Units 1 and 2. Those TS will become effective for Unit 2 when the Unit 2 Operating License is issued. The proposed amendment of December 12, 1988, requests that the Unit 1 TS be amended by replacing the Unit 1 TS with the combined Units 1 and 2 TS. The change items necessary to convert the current Unit 1 TS into the combined Units 1 and 2 TS are included in this amendment request and are described below. Following the descriptions, each change to the TS is listed by page and change item number.

Item 1 consists of editorial changes necessary to indicate combined Technical Specifications. Item 2 consists of changes necessary to show requirements that are different for each unit. Item 3 consists of editorial changes. Item 4 consists of the control room heating, ventilation, and air conditioning system (HVAC) and chlorine detection system deletion previously requested by letter dated December 6, 1988. Item 5 consists of the enlargement of TS Figure 5.1-1 and the addition of TS Figure 5.1-2 to show details of TS Figure 5.1-1. Item 6 removes the footnotes regarding Veritrak transmitter uncertainty. Item 7 adds sludge mixing pump isolation valves to TS 3.1.2.6 for consistency with TS 3.5.4. Item 8 deletes footnotes for transition to refueling water storage tank higher boron concentration that are no longer applicable. Item 9 adds instrumentation cross reference footnotes. Item 10 moves a seismic instrumentation footnote to the bases. Item 11 adds the word "either" relative to spent fuel pools. Item 12 changes the location of a free field accelerograph. Item 13 adds Unit 2 rooms requiring area temperature monitoring. Item 14 changes Unit 1 area temperature monitoring to room D067 from room D068. Item 15 deletes high energy line break instrumentation for room RC41. Item 16 adds a footnote to allow closure of valve HV-8809A or B in Mode 3 as previously requested by letter dated August 12, 1988. Item 17 adds containment structural integrity requirements for Unit 2 tendons. Item 18 adds a containment pressure instrument number to TS 3/4.6.1.4. Item 19 changes the diesel generator test voltage tolerance as previously requested by letter dated December 6, 1988. Item 20 deletes a temporary footnote for Unit 1 fuel testing that has expired. Item 21 clarifies the on site power distribution Action Statement. Item 22 adds a reactor coolant system hot leg sample valve to TS Table 3.8-1. Item 23 involves adding more information to the bases. Item 24 revises the shift crew composition to meet

10 CFR 50.54 requirements for shift staffing of a two unit plant with one control room. Item 25 clarifies the shift technical advisor (STA) qualifications as previously requested by letter dated October 25, 1988. Item 26 adds references to TS Chapter 6 as previously requested by letter dated October 25, 1988. Item 27 changes the fuel handling building HVAC heater requirements for one heater.

TS CHANGES

Page	Description and Explanation	Item No.
All Pages	Change the unit designator at the bottom of each page by replacing "VOGTLE - UNIT 1" with "VOGTLE UNITS - 1 & 2" and if present, delete amendment numbers and change bars.	1
III	Correct the spelling of "coolant" in item 2.1.2 (Bases)	3
IV	Change the index listing for figure 3.1-1 and 3.1-2 to indicate that separate figures are used for each unit. This is done by adding two additional figures for Unit 2 and designating their applicability by adding (Unit 1) or (Unit 2) to their titles, as appropriate, and adding an "a" or "b" to the figure numbers, as appropriate.	2
VI	Add "(DELETED)" after "Chlorine Detection System"	4
VI	Change "Loose-Parts" to "Loose Parts" within index item Table 3.3-8.	3
VIII	Change the index listing for figures 3.4-2, 3.4-3 and 3.4-4 to indicate that separate figures are used for Unit 1 and Unit 2.	2
X	Delete the spurious ")" from the title of figure 4.7-1.	3
XI	Change "Motor Operated" to "Motor-Operated."	3

XII	Add "(Common System)" after item 3/4.9.12	2
XVI	Revise the index item for Table B3/4.4-1 to indicate a separate table for Unit 2.	2
XXI	Add new figure 5.1-2 "Effluent Release Points" and re-number the current figure 5.1-2 as 5.1-3.	5
XXIII	Change "Reports" to "Report" in 3 places under index item 6.8.1.	3
2-1	Change "parenthesis" to "parentheses" in the footnote.	3
2-1	Add the phrase "and apply to each unit unless specifically noted."	2
2-2	Change "PSIA" to "psia" on figure 2.1-1.	3
2-5	Delete footnote *** relative to Veritrak uncertainty.	6
B2-7	Add a comma after "power" in the first line of the last paragraph.	3
B2-8	Add a comma after "power" in the first line of the first paragraph.	3
3/4 0-1	Change "parenthesis" to "parentheses" in the footnote.	3
3/4 0-1	Add the phrase "and apply to each unit unless specifically noted."	2
3/4 0-2	Add new section 3.0.5 to explain how the combined Technical Specifications apply to each unit.	2
3/4 1-3	Revise Specification 3.1.1.2 to indicate separate figures for Units 1 and 2.	2
3/4 1-3	Change "MODE" to "MODES" in the APPLICABILITY statement, change "the" to "an" and change "rod" to "rod(s)" in Specification 4.1.1.2a.	3
3/4 1-3a	Add the appropriate Unit 2 figures and revise the Unit 1 figure titles to indicate that they apply to Unit 1 specifically.	2
3/4 1-3b		
3/4 1-3c		
3/4 1-3d		

3/4 1-4	Revise Specification 3.1.1.3 to include the Unit 2 moderator temperature coefficient requirements.	2
3/4 1-4	Change "core life" to "Cycle life" in the LCO. In the APPLICABILITY statement, move the period from after the "***" to after the word "only." Delete the "s" from "Limits" in ACTION a.1.	3
3/4 1-6	Change "* ***" to "* #" in the APPLICABILITY statement and "***" to "#" in the footnote. Since two footnotes are applied to the same item, this will avoid potential confusion by using a different symbol for each footnote. Place the period after "2" in the APPLICABILITY statement.	3
3/4 1-7	Insert "and" after "72°F" in Specification 4.1.2.1.a; this is consistent with Specification 4.1.2.2.a.	3
3/4 1-12 3/4 1-13	Add the RWST Sludge Mixing Pump Isolation Valves as Specification 3.1.2.6.b.5 and add the associated ACTION statements and SURVEILLANCE Requirements.	7
3/4 1-12	Delete the footnote which was added to allow for the initial transition from 2000 ppm to 2400 ppm boron concentration.	8
3/4 1-18 3/4 1-20 3/4 1-21 3/4 2-1	Relace the footnote symbol "***" with "#" to avoid confusion when the same item has two footnotes, one indicated by * and the other by **.	3
3/4 1-22	Relocate the figure title.	3
3/4 2-3	Relocate the figure title and change "PERCENT" to "percent".	3
3/4 2-5	Relocate the figure title.	3
3/4 2-10	Place the period in the APPLICABILITY after the word "POWER" rather than after the "*".	3
3/4 3-6	"Under voltage/under frequency" should be changed to "undervoltage/underfrequency" in table notation "i", "setpoint" should be capitalized in items e and f and a comma should be added after "and" in item g.	3

3/4 3-11	Add a footnote to item 13 of Table 4.3-1 that states "See Specification 4.3.3.6."	9
3/4 3-13	Add a period after table notation (8).	3
3/4 3-14	Add a period after the word "used" in table notation 13.	3
3/4 3-17	Change "Emergency Mode" to "Emergency Filtration System" in item 1.	4
3/4 3-20	Add a "*" to functional units 4.c and 4.e. to refer to the existing Footnote stating "* See Specification 3.3.3.6."	9
3/4 3-21	Add a "*" to functional unit 5.c and the associated footnote stating "* See Specification 3.3.3.6."	9
3/4 3-23	Add a "*" to functional Unit 7.b and the associated footnote stating "* See Specification 3.3.3.6."	9
3/4 3-23	Change "P11" to " P-11" in item 9.a.	3
3/4 3-24	Add "(Common System)" after Functional Unit 11.	2
3/4 3-24	Change Functional Unit 10 to "Control Room Emergency Filtration System Actuation" and change the applicable MODES for items 10.a, 10.b and 10.d to apply when either unit is in the specified MODE. Change the minimum channels operable for item 10.a to apply to either unit. Change the ACTIONS for items 10.c and 10.d to 27d and 28d respectively.	4
3/4 3-25	Change "the" to "either" in table notation i.	11
3/4 3-27	Revise ACTION 26 and add new ACTIONS 27 and 28 to show the effects of two unit operation and the Control Room Emergency Filtration System.	4
3/4 3-28	Change "Emergency Mode" to "Emergency Filtration System" in item 1.	4
3/4 3-28	Delete "****" from the trip setpoint column of item 1.d.	6
3/4 3-30	Change "##" to " #" for functional unit 5.b. This is not a change in footnotes; it only represents a change in the designation of the same footnote.	3

3/4 3-31	Remove # from the Trip Setpoint entry for items 6.b.1 and 6.b.2.	6
3/4 3-34	Change "Ventilation Emergency Mode Actuation" to "Emergency Filtration System Actuation"	4
3/4 3-34	Add "(Common System)" to item 11.	2
3/4 3-34	Delete the Word "System" from item 11; this makes this title consistent with that used in Table 3.3-2.	3
3/4 3-35	Delete table notations *** and # and change table notations ## to table notation #.	6
3/4 3-36	Change "Emergency Mode" to "Emergency Filtration System" in item 1.	4
3/4 3-36	Add a "*" after "High 1" in item 1.c.	9
3/4 3-39	Place the "*" in item 4.d, after the word "low" and add a "*" to item 4.e.	9
3/4 3-40	Add "***" to item 5.c prior to "(P-14) and a footnote stating See Specification 4.3.3.6."	9
3/4 3-43	Delete footnote *.	9
3/4 3-43	Revise functional unit 10 and the associated MODE requirements of 10.a and 10.b to reflect the requirements of the combined Units 1 and 2 Control Room HVAC.	4
3/4 3-44	Revise Functional Unit 10 and the MODES requirement column for 10.d to reflect the requirements for the combined Units 1 and 2 Control Room HVAC.	4
3/4 3-44	Change "the" to "either" in footnote (2).	11
3/4 3-44	Add "(Common System)" to item 11.	2
3/4 3-46	Revise the APPLICABLE MODES column to reflect the requirements for the combined Units 1 and 2 Control Room HVAC.	4
3/4 3-46	Add a footnote "*" to MODES 3 and 4 for item 1.a that states "* The Provisions of this specification are not applicable to Unit 2 until its initial entry into MODE 2."	2
3/4 3-48	Change "RE-121117" to "RE-12117" in item 3.	3

3/4 3-50	Add "(Common System)" after the section title.	2
3/4 3-50	Delete footnote * from Specification 3.3.3.3	10
3/4 3-50	Replace "the plant" in Specification 4.3.3.3.2 with "Unit 1."	2
3/4 3-51	Change "Free Field (500 ft. from containment)" to "Free Field (approximately 225 ft. from containment)" for item 1.a.	12
3/4 3-51	Add "Unit 1" to the seismic instrumentation listed on table 3.3-5 items 2.a, 2.b, 2.c, 3.a, 5.a, and 5.b.	2
3/4 3-52	Change "Free Field (500 ft. from containment)" to "Free Field (approximately 225 ft. from containment)" for item 1a.	12
3/4 3-52	Add "Unit 1" to seismic instrumentation listed on table 4.3-5 items 2.a, 2.b, 2.c, 3.a, 5.a, and 5.b.	2
3/4 3-53	Add "(Common System)" to the title on this page.	2
3/4 3-54	Add a footnote to the title of the table that states "this instrumentation is common to Units 1 and 2."	2
3/4 3-56	Delete "LP" which is an abbreviation of the word "loop" from item 3 of table 3.3-7 because it is redundant.	3
3/4 3-58	Add a footnote to APPLICABILITY MODE 3 that states "The provisions of this specification are not applicable to the Unit 2 Containment Radiation Level (High Range) Monitors (loop 0005 and 0006) until its initial entry into MODE 2".	2
3/4 3-61	Change "Minimum Channels Operable" to "Minimum Channels OPERABLE" and change "minimum channels OPERABLE" to "Minimum Channels OPERABLE" throughout ACTION statements 30 through 33.	3
3/4 3-62	Change "Minimum Channels Operable" to "Minimum Channels OPERABLE" and change "minimum channels OPERABLE" to "Minimum Channels OPERABLE" throughout ACTION statements 34 through 36.	3
3/4 3-63	Delete the Chlorine Detection System in accordance with the Technical Specification Change requested for the Control Room HVAC.	4

3/4 3-64	Change "3/4.3.3.3.8" to 3/4.3.3.8."	3
3/4 3-66	Add "(Common)" to item 3.c.	2
3/4 3-72	Add "(Common)" to items i.a and i.b.	2
3/4 3-74	In table notation #, add a period after "Filtration." In ACTION 49-b change "if inlet" to "if the inlet." In ACTION 49-c change "remain" to "remains."	3
3/4 3-80	Add "(Common Instrumentation)" to item 1 in Table 3.3-11 and change "TE" or "FT" to "ATE" or "AFT" for the instrumentation channels.	2
3/4 3-80	Delete the instruments for room RC41.	15
3/4 3-80	Add the Unit 2 instruments and room locations for Steam Generator Blowdown Line Isolation and Letdown Line Isolation to Table 3.3-11.	2
3/4 3-80	Change "modes" to "MODES" in the Footnote.	3
3/4 4-10	Add a footnote to APPLICABILITY MODE 3 that states "The provisions of this specification are not applicable to Unit 2 until initial entry of Unit 2 into MODE 2."	2
3/4 4-16	Capitalize "Specification" in part 4.4.5.5.c.	3
3/4 4-30	Change "3.4-2 and 3.4-3" to "3.4-2a (Unit 1) and 3.4-3a (Unit 1), Figures 3.4-2b (Unit 2) and 3.4-3b (Unit 2)."	2
3/4 4-31	Figure 3.4-2 has been relabeled as 3.4-2a to indicate that it applies to Unit 1. The title is revised for clarification.	2
3/4 4-31a	The Unit 2 heatup curve figure 3.4-2b has been added.	2
3/4 4-32	Figure 3.4-3 has been relabeled as 3.4-3a to indicate that it applies to Unit 1. The title is revised for clarification.	2
3/4 4-32a	Unit 2 Cooldown Curve figure 3.4.3b has been added.	2
3/4 4-34	Revise Specification 3.4.9.3 to indicate separate figures for Units 1 and 2.	2
3/4 4-34	Change "GPM" to "gpm."	3

3/4 4-34	in ACTION Statements a and b, insert the word "Specification" before "3.4.9.3.c".	3
3/4 4-35	Re-label figure 3.4-4 as figure 3.4-4a and indicate that it applies to Unit 1.	2
3/4 4-35a	The Unit 2 PORV setpoint curve has been added as figure 3.4-4b.	2
3/4 5-1	Change "6854 (64% of instrument span) gallons" to "6854 gallons (64% of instrument span)."	3
3/4 5-1	Move the period after the word "Open" in 4.5.1.1.a.2) to the end of 4.5.1.1.a.2) and move the period in 3.5.1.d to the end of 3.5.1.d.	3
3/4 5-3	Change "mode" to "MODE" in the footnote.	3
3/4 5-4	Add a footnote for valves HV-8809 A, B, that states "Either valve may be realigned in MODE 3 for testing pursuant to Specification 4.4.6.2.2."	16
3/4 5-10	Delete the footnote that states "Until concentration is initially raised to 2400 ppm from the maximum limit authorized prior to Amendment No. 11, the minimum boron concentration limit is 2000 ppm."	8
3/4 6-3	After item d.1) add the word "and" and change the comma to a period after item d.2).	3
3/4 6-6	In the LCO and in the surveillance requirements, add instrument PI-10945.	18
3/4 6-8	Correct the spelling of "acceptable" in 4.6.1.6.1.a.	3
3/4 6-8	Section 3/4.6. has been revised to incorporate Unit 2. This did not result in changes to Unit 1 requirements, but, since Unit 2 has different surveillance requirements, the ACTIONs for Unit 1 were reformatted to indicate those that correlated with the surveillances that can be done only on Unit 1 and those that are applicable for both units. The changes consist of the addition of ACTION or surveillance statements that are applicable to Unit 2 and changes that clearly specify the unit or units to which the various requirements apply.	2,17
3/4 6-9		
3/4 6-10		
3/4 6-9	Change "not" to "no" in 4.6.1.6.1.b.2.	3

3/4 6-11	Insert the word "Specification" before 3.6.1.7.b in ACTION b.	3
3/4 6-14	Delete "and" after 4.6.2.2.d.1).	3
3/4 7-1	Move the comma in ACTION a from after "provided" to before "provided."	3
3/4 7-3	Add a period after the abbreviation of inches.	3
3/4 7-4	In 4.7.1.2.1.a.2) change instrument number FI-5100 to FI-15100; this corrects a typographical error.	3
3/4 7-4	Add a footnote stating "The provisions of this specification are not applicable to Unit 2 until its initial entry into MODE 2."	2
3/4 7-12	In 4.7.4.6.2 Replace "Service Water Systems" with "NSCW."	3
3/4 7-14	Add "(Common System)" to the title of Specification 3/4.7.6.	2
3/4 7-14 3/4 7-16	Revise Specification 3.7.6 and the associated ACTION and surveillance requirements for the Control Room Emergency Filtration System, to apply to two unit operation.	4
3/4 7-16	Delete the footnotes that are applicable only during the time before the license for Unit 2 is issued.	4
3/4 7-17	Add a footnote stating "The provisions of this specification are not applicable to Unit 2 until its initial entry into MODE 2."	2
3/4 7-19	Change "***" to "#"; this avoids confusion since two footnotes are used to refer to the same item.	3
3/4 7-28	Add the Unit 2 rooms for area temperature monitoring.	13
3/4 7-28	Change room D068 to D067 in the list of Unit 1 rooms for area temperature monitoring.	14
3/4 7-28	Change "B00B" to "B008."	3
3/4 7-31	Capitalize "specification" in ACTION b.	3
3/4 7-31	Change the number 1 to 1/2 in the component designator in order to designate components of each unit.	2

3/4 7-32	In the page heading, change "3/4.7.13 (Continued)" to "PLANT SYSTEMS (Continued)."	3
3/4 8-1	Change "650 gallons (52% of instrument span) of fuel" to "650 gallons of fuel (52% of instrument span)."	3
3/4 8-3	In 4.8.1.1.2.a.4) Change "4160 + 170, -410 volts" to "4160 + 170, -135 volts."	19
3/4 8-5	In 4.8.1.1.2.g.1) change "-410" to "-135."	19
3/4 8-5	Delete footnote ##. regarding Temporary Fuel Oil Testing requirements.	20
3/4 8-5	Add "Specification" before 4.8.1.1.2 in footnote "*" and write ".007%" as "0.007%" in footnote #.	3
3/4 8-6	Correct the spelling of "Synchronized."	3
3/4 8-6	In 4.8.1.1.2.h.5). change "-410 volts" to "-135 volts."	19
3/4 8-7	Change "-410 volts" to "-135 volts." Replace maintained within these limits" with "4160 + 170, -410 volts and 60 + 1.2 Hz" in 4.8.1.1.2.g.7).	19
3/4 8-7	Insert "Specification" before "4.8.1.1.2" in footnote *.	3
3/4 8-7	Change "temper ature" to "temperature" in footnote ##.	3
3/4 8-9	Delete the underline from "and" in footnote * and footnote ##.	3
3/4 8-11	Change 1 to 1/2 in order to reflect both units in the battery bank designators.	2
3/4 8-14	Change 1 to 1/2 in order to reflect both units in the battery bank designators.	2
3/4 8-15 3/4 8-16	Change the initial 1 to 1/2 for the various electrical equipment.	2
3/4 8-17	Change "reenergize the switchgear or distribution panel in the specified manner" to "reenergize the 125 volt D.C. bus in the specified manner."	21
3/4 8-18	Change "RCS" to "Reactor Coolant System."	3
3/4 8-22	Change "Motor Operated" to "Motor-Operated" in	2,3

3/4 8-23	the title of table 3.8-1 and indicate that the valves exist for both units by preceding the valve designators with 1/2. Add "Continued" after the table number for each page of table 3.8-1 following the first page.	
3/4 8-24		
3/4 8-24	Add valve 1/2 HV-3548, RCS Hot Leg Sample Valve, to those listed in Table 3.8-1.	22
3/4 9-1	Add a footnote to this page that states "During initial fuel load for Unit 2, the boron concentration limitation for the Unit 2 refueling canal is not applicable, provided the Unit 2 refueling canal level is verified to be below the reactor vessel flange elevation at least once per 12 hours."	2
3/4 9-14	Add "(Common System)" to the title of Specification 3/4.9.12 and change "The storage pool" to "either storage pool" in the APPLICABILITY and ACTION statements.	2,11
3/4 9-16	Change 4.9.12.d.4 by replacing "18 ± 2" with "20 ± 2".	27
3/4 11-1	Change "Figure 5.1-1" to "Figure 5.1-1 and 5.1-2."	5
3/4 11-5		
3/4 11-6		
3/4 11-8		
3/4 11-12		
3/4 11-13		
3/4 11-14		
3/4 11-2	Capitalize "Waste Water Retention Basin" in Table 4.1-1. item 2.a.	3
3/4 11-8	Change "Specification" to "Specifications" in ACTION b.	3
3/4 11-10	Correct the spelling of "omitted" in notation "*"	3
3/4 11-18	Change "from the Unit" to "from each Unit" in 4.11.4.2.	2
B3/4 0-2	Add Bases for 3.0.5	2
B3/4 1-1	Add a comma after "2" in the second paragraph and after "5" in the third paragraph and change "the SHUTDOWN MARGIN" to "the required SHUTDOWN MARGIN."	3

B3/4 1-3	Add the following sentence "The RWST contained water volume limit provided in Specification 3/4.1.2.6 is specified as equal to the contained water volume limit specified in Specification 3/4.5.4 because the water volume limit in specification 3/4.5.4 is the more conservative value."	23
B3/4 1-3	Change " $F_{\Delta H}$ " to $F_{\Delta H}^N$ in 3/4.1.3.2.	3
B3/4 2-2	Add $F_{\Delta H}^N$ to the end of the title for Bases Section 3/4.2.2 and 3/4.2.3.	3
B3/4 2-3	Add "(percent)" after "INDICATED AXIAL FLUX DIFFERENCE."	3
B3/4 3-3	Change "Control Room Ventilation Emergency Actuation Systems" to "Control Room Emergency Filtration System" in the first paragraph.	4
B3/4 3-4	Replace the last sentence of Bases Section 3/4.3.3.3 with "The instrumentation on Unit 1 is shared with Unit 2 and the seismic instrumentation and corresponding Technical Specifications meet the recommendations of Regulatory Guide 1.12, Revision 1, April 1974."	23
B3/4 3-5	Revise Bases 3/4.3.3.7 to indicate that chlorine detection instrumentation is not required.	4
B3/4 3-5	Change "LOOSE PART" to "LOOSE PARTS" in the title for Bases 3/4.3.3.8.	3
B3/4 4-2	Change "of equivalent size can be taken for an synonymous with" to "of equivalent size can be taken as synonymous with". This is a grammatical change.	3
B3/4 4-7 B3/4 4-8	The pressure/temperature limits for Unit 1 and 2 were derived using the same methods. Differences exist in the actual reactor materials that result in different limits. Bases section 3/4.4.9 has been revised to include equivalent information for Unit 2, and the different limits for the two units.	2
B3/4 4-8	Capitalize "Effective Full Power Years."	3
B3/4 4-9	Revise Table 3/4.4-1 to indicate that it applies to Unit 1. Delete the empty column, and change "AVG UPPER SHELF ENERGY" to "Upper shelf energy."	2
B3/4 4-9a	Provide Table B 3/4.4-1b for Unit 2.	2

B3/4 4-10	Revise the first paragraph in this page to indicate separate heatup and cooldown curves for Units 1 and 2.	2
B3/4 4-10	Renumber this page to B 3/4 4-11. Delete the grid lines from the figure for clarity.	2
B3/4 4-11	Renumber this page to B 3/4 4-12 and show the figure as also applicable to Unit 2.	2
B3/4 4-12	Renumber this page to B 3/4 4-10 and revise the first paragraph to indicate separate heatup and cooldown figures for Units 1 and 2.	2
B3/4 4-15	Revise this page to indicate separate heatup and cooldown curves and material properties for Units 1 and 2.	2
B3/4 5-2	Add the following sentences to the end of the second paragraph: "The surveillance requirements for leakage testing of ECCS check valves ensure a failure of one valve will not cause an intersystem LOCA. In MODE 3, with either HV-8809A or B closed for ECCS check valve leak testing, adequate ECCS flow for core cooling in the event of a LOCA is assured."	16
B3/4 5-2	FT2 should be ft ² in the second paragraph of B3/4.5.4.	3
B3/4 6-2	Add a sentence to the first paragraph of Bases Section 3/4.6.1.6 that states "Unit 1 and Unit 2 containments satisfy the recommendations of Regulatory Guide 1.35, Revision 2, Position C.1.3. Therefore, Unit 2 containment is subject to visual inspection only." Also revise this section to indicate the differences in the Unit 1 and Unit 2 inspections.	17
B3/4 7-1	Add a period at the end of the definition of "Y."	3
B3/4 7-3	Change "Control Room Emergency Air Cleanup System" to "Control Room Emergency Filtration System" in Bases 3/4.7.6.	4
3/4 7-4	Change "Control Room Emergency Filtration Cleanup System" to "Control Room Emergency Filtration System" in Bases 3/4.7.6.	4
5-1	Revise section 5.1 to indicate that figure 5.1-1 has been supplemented by figure 5.1-2 and that figure 5.1-2 has been re-numbered as 5.1-3.	5

5-2	Figure 5.1-1 has been enlarged to improve legibility. The vicinity map has been deleted.	5
5-2a	Add page 5-2a with new figure 5.1-2.	5
5-3	Change the figure number to 5.1-3.	5
5-4	Change the reference to figure 5.1-1 to a reference to figures 5.1-1 and 5.1-2.	5
5-5	Insert new paragraph 5.6.1.2 which provides design data for Unit 2 spent fuel racks. Renumber existing paragraph 5.6.1.2 to 5.6.1.3.	2
6-1	Revise 6.2.2.b to reflect operations with two reactors.	24
6-5	Revise table 6.2-1 to refer to shift composition for two units with a common control room.	24
6-5	Revise the footnote regarding STA qualifications to refer to the NRC Policy Statement on Engineering Expertise on Shift.	25
6-8	Add "including proposed changes to Chapter 16.3 of the Vogtle Final Safety Analysis Report (FSAR)." to item 6.4.1.6.e.	26
6-10	Change "this operating license" to "these operating licenses."	2
6-12	Replace "; and" with a period in item 1.	3
6-13	Add "(FSAR Chapter 16.3)" to item 6.7.1.i.	26
6-13	Change "the unit" to "the affected unit" in 6.6.1.d.	2
6-16	Change "the unit" to "either unit" in the first paragraph of 6.8.1.1.	2
6-17	Change "the unit" to "the plant" in 6.8.1.3 and add footnotes that allow a single report to be made for Units 1 and 2.	2
6-18	Change Reports to Report in 4 places on this page.	3
6-19	Change "from the unit or station" to "from each unit" in the second paragraph.	2
6-20	Change "Specification 3.3.3.10 or 3.3.3.11" to "Specification 3.3.3.9 or 3.3.3.10" in the first paragraph.	3

All but five of the changes (items 12, 14, 15, 22, and 27) represent format and editorial changes, changes necessary in order to incorporate Unit 2 requirements, changes necessary to distinguish Unit 1 from Unit 2, and changes necessary to indicate that the TS apply to each unit. The changes in the editorial and format category do not result in a change in the current Unit 1 TS requirements.

The staff has reviewed items 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 13, 16, 17, 18, 19, 20, 21, 23, 24, 25, and 26 of the licensee's request and has determined that should these items be implemented, they would not (1) involve a significant increase in the probability or consequences of an accident previously evaluated. The proposed changes are administrative and do not involve physical changes to the plant, changes to procedures, commitments, or safety analyses.

Also the licensee's proposed changes would not (2) create the possibility of a new or different kind of accident from any accident previously evaluated because the physical plant design is not being changed. Finally, the licensee's proposed changes would not (3) involve a significant reduction in a margin of safety because no operating parameters or setpoints are changed.

The five changes (items 12, 14, 15, 22, and 27) that have been incorporated into the combined Units 1 and 2 TS and which are not in the editorial or format category or are not currently under review are discussed below.

LOCATION OF FREE FIELD ACCELEROGRAPH (Item 12)

The location of the Free Field Accelerometer as given in TS Tables 3.3-5 and 4.3-4 was reviewed during the development of the combined Units 1 and 2 TS and

determined to be approximately 225 feet from the Unit 1 containment rather than 500 feet as currently stated in Unit 1 TS. This location has been evaluated relative to seismic monitoring requirements.

The purpose of the "Free Field" accelerometer is to record a baseline ground acceleration time history that is representative of a location that is not significantly influenced by the presence of structures. This information will be used, along with the more significant acceleration time history information collected from in-structure accelerometers, to form the basis for the evaluation that is required following an earthquake. The actual location of the "Free Field" accelerometer is 225 ft. from the nearest Containment (Unit 1) and approximately 40 ft. from the Unit 1 Diesel Fuel Oil Storage Tank Pumphouse, which is the nearest structure. The instrument is located within the boundaries of the Category 1 backfill material to avoid influence from the in-site soil. Any soil/structure interaction effects from adjacent structures will tend to increase the instrument spectral response at the natural frequency of the adjacent structures and result in a conservative measurement.

The staff has reviewed item 12 of the licensee's request and has determined that should this item be implemented, it would not (1) involve a significant increase in the probability or consequences of an accident previously evaluated because the accelerometer only records data of an earthquake.

Also, the licensee's proposed changes would not (2) create the possibility of a new or different kind of accident from any accident previously evaluated because the plant design is not being changed. Finally, the licensee's

proposed changes would not (3) involve a significant reduction in a margin of safety because the accelerometer is still available to record earthquake data for evaluation.

TEMPERATURE INSTRUMENTATION FOR ROOM RC41 (Item 15)

During the construction of Unit 2, it was decided to eliminate the Unit 2 waste evaporator. This eliminated the need for the routing of high energy steam lines through room RC41 to the Unit 2 waste evaporator. Two high temperature detection instruments (ATE 19722B and ATE 19723B) were located in this room for the purpose of detecting a temperature increase that would indicate a rupture in the high energy steam line in the evaporator area. The disconnection and capping of the high energy line outside of room RC41 eliminated the need for these instruments. Therefore these instruments were eliminated from the combined Units 1 and 2 TS.

The staff has reviewed item 15 of the licensee's request and has determined that should this item be implemented, it would not (1) involve a significant increase in the probability or consequences of an accident previously evaluated because there is no high energy line in the room for the temperature instruments to monitor for a high energy line break.

Also, the licensee's proposed changes would not (2) create the possibility of a new or different kind of accident from any accident previously evaluated because the temperature instruments do not monitor any system or component. Finally, the licensee's proposed changes would not (3) involve a significant reduction in a margin of safety because there is no possibility of a high energy line break with the high energy line removed.

ADDITIONAL VALVE WITH THERMAL OVERLOAD PROTECTION BYPASS (Item 22)

During the development of the combined Units 1 and 2 TS an additional valve was identified as having a thermal overload protection bypass device and thus was added to TS Table 3.8-1. This change is also applicable to Unit 1. The valve is for the reactor coolant system hot leg sample line. The inclusion of this valve does not reflect a change in design and does not alter the current surveillance requirements.

The staff has reviewed item 22 of the licensee's request and has determined that should this item be implemented, it would not (1) involve a significant increase in the probability or consequences of an accident previously evaluated because adding the valve to TS Table 3.8-1 reflects the approved plant design.

Also, the licensee's proposed changes would not (2) create the possibility of a new or different kind of accident from any accident previously evaluated because the physical plant design is not being changed. Finally, the licensee's proposed changes would not (3) involve a significant reduction in a margin of safety because no operating parameters or setpoints are changed.

UNIT 1 AREA TEMPERATURE MONITORING FOR ROOM D067 (Item 14)

The rooms identified in TS 3/4.7.10 contain safety-related equipment that is required for safe shutdown and is not served by engineered safety feature HVAC systems. Temperature monitoring of these rooms ensures that the equipment will not be subjected to temperatures in excess of their environmental qualification temperatures. During the preparation of the combined Unit 1 and Unit 2 TS, it was determined that instrument IPT-11742 (Nuclear Service Cooling Water from Tower B to Pumps) was located in auxiliary building room D067 rather than D068. TS 3/4.7.10 is therefore revised to add room D067 to the list of rooms requiring temperature monitoring and to delete room D068.

In regard to item 14 of the proposed amendment, the licensee has determined the following:

1. The proposed change will not significantly increase the probability of an accident previously evaluated. The change impacts only the area temperature monitoring program. Removal of auxiliary room D068 from the surveillance program does not affect the existing accident analysis since there is no safety-related safe shutdown equipment in this room. Adding auxiliary room D067 to the area temperature monitoring program ensures that instrument 1PT-11742 will not be subjected to temperatures in excess of its environmental qualification temperatures. This pressure transmitter controls one train of the NSCW tower spray header inlet and bypass valves. Temperature surveillance in room D067 will not affect the capability of 1PT-11742 to perform its safety-related function. Therefore, the consequences of accidents previously evaluated are not significantly increased.
2. The proposed change does not create the possibility of a new or different kind of accident than any accident previously evaluated. Removing auxiliary building room D068 and adding room D067 to the area temperature monitoring surveillance does not create the potential for any accident not previously evaluated.

Room D068 does not contain any safety-related safe shutdown equipment. Removal of this room from the area temperature monitoring surveillance does not create the potential for any accident not previously evaluated.

The addition of room D067 and the associated surveillance temperatures ensures that the safety-related, safe shutdown instrument 1PT-11742 will not be subjected to temperatures in excess of its environmental qualification value. 1PT-11742 is qualified for temperatures in excess of the maximum temperature of room D067 considering postulated pipe breaks and loss of HVAC. Surveillance of the temperature in room D067 will verify that the maximum normal temperature for the instrument is not exceeded. This will assure that the instrument aging used to determine qualified life is still valid.

The postulated failure of the valves (1HV-1669A and 1HV-1669B) controlled by 1PT-11742 is considered in Final Safety Analysis Report Table 9.2.1-2. Therefore, this change does not create the possibility of a new or different kind of accident than any accident previously identified.

3. The proposed change does not significantly reduce a margin of safety. Consistent with the basis of TS 3/4.7.10, the temperature surveillance of safety-related safe shutdown equipment is maintained. Therefore, this change does not significantly reduce a margin of safety.

The NRC staff has reviewed the licensee's determination regarding item 14 of the proposed amendment and concurs with its findings.

FUEL HANDLING BUILDING HEATER REQUIREMENT (Item 27)

During the review of the combined Unit 1 and 2 TS a concern was raised that the TS 4.9.12 value for the Fuel Handling Building HVAC system heater dissipation (18 + 2 kW) was inconsistent with the design rating of 20 kW. As stated in ANSI N509, the heater should be sized to ensure that the relative humidity of incoming air will be reduced to less than 70% to ensure that water does not buildup on the charcoal adsorber bed. A revision to the design calculation for heater sizing indicates a minimum heat dissipation requirement of 17kW. The design rating plus or minus 10% was determined to be an appropriate value. This change in heat dissipation value does not represent a physical design change to the heater. The surveillances which have been performed to date meet the minimum value proposed.

The staff has reviewed item 27 of the licensee's request and has determined that should this item be implemented, it would not (1) involve a significant increase in the probability or consequences of an accident previously evaluated because the surveillance requirement is being changed to reflect plant design.

Also, the licensee's proposed changes would not (2) create the possibility of a new or different kind of accident from any accident previously evaluated because the physical plant design is not being changed. Finally, the licensee's proposed changes would not (3) involve a significant reduction in a margin of safety because the change to the surveillance requirement is in the conservative direction.

Accordingly, the Commission proposes to determine that the proposed amendment involves no significant hazards consideration.

The Commission is seeking public comments on this proposed determination. Any comments received within 30 days after the date of publication of this notice will be considered in making any final determination. The Commission will not normally make a final determination unless it receives a request for a hearing.

Written comments may be submitted by mail to the Regulatory Publications Branch, Division of Freedom of Information and Publications Services, Office of Administration and Resources Management, U.S. Nuclear Regulatory Commission, Washington, D. C. 20555, and should cite the publication date and page number of this FEDERAL REGISTER notice. Written comments may also be delivered to Room P-216, Phillips Building, 7920 Norfolk Avenue, Bethesda, Maryland, from 7:30 a.m. to 4:15 p.m. Copies of written comments received may be examined at the NRC Public Document Room, 2120 L Street, N.W., Washington, D.C. The filing of requests for hearing and petitions for leave to intervene are discussed below.

By *January 26, 1989*, the licensee may file a request for a hearing with respect to issuance of the amendment to the subject facility operating license and any person whose interest may be affected by this proceeding and who wishes to participate as a party in the proceeding must file a written petition for leave to intervene. Requests for a hearing and petitions for leave to intervene shall be filed in accordance with the Commission's "Rule of Practice for Domestic Licensing Proceedings" in 10 CFR

Part 2. If a request for a hearing or petition for leave to intervene is filed by the above date, the Commission or an Atomic Safety and Licensing Board, designated by the Commission or by the Chairman of the Atomic Safety and Licensing Board Panel, will rule on the request and/or petition and the Secretary or the designated Atomic Safety and Licensing Board will issue a notice of hearing or an appropriate order.

As required by 10 CFR §2.714, a petition for leave to intervene shall set forth with particularity the interest of the petitioner in the proceeding, and how that interest may be affected by the results of the proceeding. The petition should specifically explain the reasons why intervention should be permitted with particular reference to the following factors: (1) the nature of the petitioner's right under the Act to be made a party to the proceeding; (2) the nature and extent of the petitioner's property, financial, or other interest in the proceeding; and (3) the possible effect of any order which may be entered in the proceeding on the petitioner's interest. The petition should also identify the specific aspect(s) of the subject matter of the proceeding as to which petitioner wishes to intervene. Any person who has filed a petition for leave to intervene or who has been admitted as a party may amend the petition without requesting leave of the Board up to fifteen (15) days prior to the first prehearing conference scheduled in the proceeding, but such an amended petition must satisfy the specificity requirements described above.

Not later than fifteen (15) days prior to the first prehearing conference scheduled in the proceeding, a petitioner shall file a supplement to the petition to intervene, which must include a list of the contentions which are

sought to be litigated in the matter, and the bases for each contention set forth with reasonable specificity. Contentions shall be limited to matters within the scope of the amendment under consideration. A petitioner who fails to file such a supplement which satisfies these requirements with respect to at least one contention will not be permitted to participate as a party.

Those permitted to intervene become parties to the proceeding, subject to any limitations in the order granting leave to intervene, and have the opportunity to participate fully in the conduct of the hearing, including the opportunity to present evidence and cross-examine witnesses.

If a hearing is requested, the Commission will make a final determination on the issue of no significant hazards consideration. The final determination will serve to decide when the hearing is held.

If the final determination is that the amendment request involves no significant hazards consideration, the Commission may issue the amendment and make it effective, notwithstanding the request for a hearing. Any hearing held would take place after issuance of the amendment.

Normally, the Commission will not issue the amendment until the expiration of the 30-day notice period. However, should circumstances change during the notice period such that failure to act in a timely way would result, for example, in derating or shutdown of the facility, the Commission may issue the license amendment before the expiration of the 30-day notice period, provided that its final determination is that the amendment involves no significant hazards consideration. The final determination will consider all public and State comments received. Should the Commission take this

action, it will publish a notice of issuance and provide for opportunity for a hearing after issuance. The Commission expects that the need to take this action will occur very infrequently.

If the final determination is that the amendment involves a significant hazards consideration, any hearing held would take place before the issuance of any amendment.

A request for a hearing or a petition for leave to intervene must be filed with the Secretary of the Commission, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, Attention: Docketing and Service Branch, or may be delivered to the Commission's Public Document Room, 2120 L Street, N.W., Washington, D.C., by the above date. Where petitions are filed during the last ten (10) days of the notice period, it is requested that the petitioner promptly so inform the Commission by a toll-free telephone call to Western Union at 1-800-325-6000 (in Missouri 1-800-342-6700). The Western Union operator should be given Datagram Identification Number 3737 and the following message addressed to David B. Matthews: Petitioner's name and telephone number; date petition was mailed; plant name; and publication date and page number of this FEDERAL REGISTER notice. A copy of the petition should also be sent to the Office of General Counsel, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, and to Mr. Arthur H. Domby, Troutman, Sanders, Lockerman and Ashmore, Chandler Building, Suite 1400, 127 Peachtree Street, N.E., Atlanta, Georgia 30043, attorney for the licensee.

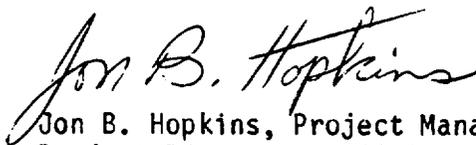
Nontimely filings of petitions for leave to intervene, amended petitions, supplemental petitions and/or requests for hearing will not be entertained

absent a determination by the Commission, the presiding officer or the presiding Atomic Safety and Licensing Board that the petition and/or request should be granted based upon a balancing of factors specified in 10 CFR 2.714(a)(1)(i)-(v) and 2.714(d).

For further details with respect to this action, see the application for amendment which is available for public inspection at the Commission's Public Document Room, 2120 L Street, N.W., Washington, D. C. 20555, and at the Burke County Public Library, 412 Fourth Street, Waynesboro, Georgia 30830.

Dated at Rockville, Maryland, this 20th day of December 1988.

FOR THE NUCLEAR REGULATORY COMMISSION


Jon B. Hopkins, Project Manager
Project Directorate II-3
Division of Reactor Projects I/II
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