



Southern Nuclear
Operating Company, Inc.
3535 Colonnade Parkway
Birmingham, AL 35243
Tel 205.992.6361

May 21, 2020

Docket Nos.: 52-025
52-026

ND-20-0601
10 CFR 50.55a

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

**Southern Nuclear Operating Company
Vogtle Electric Generating Plant Units 3 and 4
Submittal of Inservice Testing Program Plan - 1st Interval**

Ladies and Gentlemen:

In accordance with the American Society of Mechanical Engineers Code for Operation and Maintenance of Nuclear Power Plants (ASME OM Code), Subparagraph ISTA-3200, and Southern Nuclear Operating Company (SNC) procedures, SNC is submitting, for your information, a copy of the Vogtle Electric Generating Plant Units 3 and 4 Inservice Testing Program Plan – 1st Interval (Version 1.0). This is the initial issuance of the Inservice Testing Program Plan.

This letter contains no regulatory commitments. This letter has been reviewed and confirmed to contain no security-related information.

Should you have any questions, please contact Ms. Amy Chamberlain at (205) 992-6361.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Amy C. Chamberlain", written over a horizontal line.

Amy C. Chamberlain
Manager, Regulatory Affairs
Southern Nuclear Operating Company

Enclosure 1: Vogtle Electric Generation Plant Units 3&4, Inservice Testing Program Plan –
1st Interval, Version 1.0

cc:

Southern Nuclear Operating Company / Georgia Power Company

Mr. S. E. Kuczynski (w/o enclosures)

Mr. P. P. Sena III (w/o enclosures)

Mr. M. D. Meier (w/o enclosures)

Mr. D. H. Jones (w/o enclosures)

Mr. G. Chick

Mr. M. Page

Mr. P. Martino

Mr. D. L. McKinney (w/o enclosures)

Mr. T. W. Yelverton (w/o enclosures)

Mr. B. H. Whitley

Ms. C. A. Gayheart

Ms. M. Ronnlund

Mr. D. L. Fulton

Mr. M. J. Yox

Mr. C. T. Defnall

Mr. J. Tupik

Ms. S. Agee

Mr. M. Humphrey

Ms. A. C. Chamberlain

Mr. S. Leighty

Mr. N. Kellenberger

Mr. E. Riffle

Ms. K. Roberts

Mr. J. Haswell

Mr. D. T. Blythe

Mr. K. Warren

Mr. A. S. Parton

Document Services RTYPE: VND.LI.L00

File AR.01.02.06

Nuclear Regulatory Commission

Mr. W. Jones (w/o enclosures)

Mr. M. King (w/o enclosures)

Ms. M. Bailey w/o enclosures)

Mr. C. Patel

Mr. C. Santos

Mr. B. Kemker

Mr. J. Eargle

Mr. G. Khouri

Ms. S. Temple

Mr. C. J. Even

Mr. A. Lerch

Mr. S. Walker

Mr. N.D. Karlovich

Ms. N. C. Coover

U.S. Nuclear Regulatory Commission

ND-20-0601

Page 3 of 3

Nuclear Regulatory Commission (Continued)

Mr. C. Welch

Mr. J. Gaslevic

Mr. V. Hall

Ms. K. P. Carrington

Mr. M. Webb

Mr. P.J. Heher

State of Georgia

Mr. R. Dunn

Oglethorpe Power Corporation

Mr. M. W. Price

Ms. A. Whaley

Municipal Electric Authority of Georgia

Mr. J. E. Fuller

Mr. S. M. Jackson

Dalton Utilities

Mr. T. Bundros

Westinghouse Electric Company, LLC

Mr. L. Oriani (w/o enclosures)

Mr. T. Rubenstein (w/o enclosures)

Mr. M. Corletti

Mr. D. Hawkins

Mr. J. Coward

Other

Mr. S. W. Kline, Bechtel Power Corporation

Ms. L. A. Matis, Tetra Tech NUS, Inc.

Dr. W. R. Jacobs, Jr., Ph.D., GDS Associates, Inc.

Mr. S. Roetger, Georgia Public Service Commission

Ms. S. W. Kernizan, Georgia Public Service Commission

Mr. K. C. Greene, Troutman Sanders

Mr. S. Blanton, Balch Bingham

Southern Nuclear Operating Company

**ND-20-0601
Enclosure 1**

Vogtle Electric Generating Plant Units 3 and 4

**Inservice Testing Program Plan – 1st Interval
Version 1.0**

(This enclosure consists of 130 pages, not including this cover page.)

INSERVICE TESTING PROGRAM PLAN - 1st INTERVAL

Vogtle Electric Generating Plant Units 3&4

Docket Nos. 52-025 & 52-026

License Nos. NPF-91 & 92

April 28, 2020

Commercial Operation dates:

TBD (Unit 3)

TBD (Unit 4)

**Owner: Southern Nuclear Operating Company
Post Office Box 1295
Birmingham, AL 35201-1295**

**Plant Location: 7825 River Road
Waynesboro, GA 30830**

TABLE OF CONTENTS

<u>Section</u>	<u>Pages</u>
1.0 IST PROGRAM INTRODUCTION	1-1 - 1-2
2.0 ABBREVIATIONS	2-1 - 2-3
3.0 PROGRAM ALTERNATIVES	3-1 - 3-4
4.0 INSERVICE TESTING OF PUMPS	4-1
5.0 INSERVICE TESTING OF VALVES	5-1
6.0 VALVE NOTES	6-1
7.0 VEGP-3 VALVE TABLES	7-1 - 7-37
8.0 VEGP-4 VALVE TABLES	8-1 - 8-37
9.0 COLD SHUTDOWN JUSTIFICATIONS	9-1 - 9-16
10.0 REFUELING OUTAGE JUSTIFICATIONS	10-1 – 10-7
11.0 INSERVICE TESTING OF DYNAMIC RESTRAINTS	11-1
12.0 DYNAMIC RESTRAINTS NOTES	12-1
13.0 VEGP-3 DYNAMIC RESTRAINTS TABLES	13-1 – 13-6
14.0 VEGP-4 DYNAMIC RESTRAINTS TABLES	14-1 – 14-6
15.0 REFERENCES	15-1 – 15-5

1.0 IST PROGRAM INTRODUCTION

1.1 GENERAL

This document describes the Pump, Valve, and Dynamic Restraint Inservice Testing (IST) Program Plan for the First 10-year Interval at Vogtle Electric Generating Plant (VEGP), Units 3 & 4. Provided below are important dates relative to the IST Plan.

Combined Operating License: February 10, 2012 (Unit 3); February 10, 2012 (Unit 4)

Scheduled Fuel Load: November 23, 2020 (Unit 3); September 23, 2021 (Unit 4)

Commercial Operation: TBD (Unit 3); TBD (Unit 4)

1.2 CODE EDITION

This IST Plan is based on the American Society of Mechanical Engineers (ASME) Operation and Maintenance of Nuclear Power Plants (OM) Code 2012 Edition. This the most recent edition in 10CFR50.55a on 11/23/2019 (12 months prior to the scheduled Unit 3 fuel load date). An Alternative per 10CFR50.55a(z) (IST-Alt-01) was authorized by the NRC to allow Unit 4 to use the same Code Edition as Unit 3, provided Unit 4 initial fuel load commences prior to November 23, 2022 (Reference 15.1.6).

1.3 EFFECTIVE DATE

The IST Program for the 1st 10-year Interval will begin with the initial electrical generation by nuclear heat on each unit, and end after 10 years, unless federal regulations are revised otherwise.

1.4 SCOPE

This document is a description of the IST Program Plan for Units 3 and 4 at VEGP. This document describes only the IST required by the OM Code for applicable components required to be tested by the OM Code, 10CFR50.55a, and additional components committed to be included in the IST Program Plan in the Updated Final Safety Analysis Report (UFSAR).

To ensure that components which meet the Scope requirements of the OM Code, but may not be required to constructed to ASME B&PV Code Class 1, 2 or 3, are adequately tested for operational readiness as required by 10CFR50.55a(f)(4), this IST plan includes all Safety Related (AP1000 Quality group A, B, C) pumps, valves and dynamic restraints that meet the Scope of ISTA-1100, ISTC-1200 and ISTF-1100.

1.5 SUBSEQUENT PROGRAM PLAN REVISIONS

It is anticipated that revisions to this document required by changes to the design prior to or during the First 10-year Inservice Interval will be maintained by Southern Nuclear and submitted to the NRC as required by the OM Code and 10CFR50.55a. Any changes which require NRC approval of Alternative testing requirements will be submitted in accordance with 10CFR50.55(a)(z).

Additionally, this document will be reviewed and revised near the end of the 120-month interval, to the requirements of 10CFR50.55a for the next 120-month interval.

1.6 RESPONSIBILITY

Southern Nuclear Operating Company (SNC) bears the overall responsibility for the implementation of the Inservice testing activities contained in this program per the ASME OM Code 2012 Edition, Subsection ISTA-1500.

1.7 RECORDS

Records and documentation of information and testing results, which provided the basis for evaluation and which facilitate comparison with results from previous and subsequent tests, will be maintained and available for the active life of the component or system in accordance with the ASME OM Code 2012 Edition, Subsection ISTA-9000.

1.8 METHODS OF TESTING

The method of testing applicable to the components will be contained in the plant specific procedures which have not been finalized at this time and are not referenced in this document. The procedures are being developed in accordance with OM Code requirements and NRC conditions. The OM Code does not stipulate any specific training/certification requirements for personnel involved in OM Code testing. At Plant Vogtle Units 3&4, all testing is performed by operations, maintenance, engineering or contract personnel who have been trained to perform specific testing tasks.

1.9 STANDARDS FOR TESTING EVALUATION

The acceptance criteria applicable for the components to be tested will initially be developed based on Preservice testing results, and calculation limitations in the accident analyses, in accordance with OM Code requirements. Analysis limits, where applicable are provided in the IST Basis documents. Acceptance criteria for specific tests will be contained in the applicable surveillance testing procedures which will be available for review at the plant site.

2.0 ABBREVIATIONS

<u>ABBREVIATION</u>	<u>DEFINITION</u>
A	Active (valve table)
A	OM Code Category “A” Valve (see OM Code)
AC	OM Code Categories “A” and “C” both apply (see OM Code)
ADS	Automatic Depressurization System
AI	As-Is
Alt	Alternative per 10CFR50.55a(z)
AO	Air Operated
A/P	Active/Passive (valve table)
App	Appendix
App. II	Check valve testing to Appendix II (Condition Monitoring)
App. J	Leak rate testing to 10CFR50 Appendix J requirements (CIV)
ASME	American Society of Mechanical Engineers
ASME OM Code	ASME Operation and Maintenance of Nuclear Power Plants Code
Aug	Augmented scope (not required by ASME OM Code)
B	OM Code Category “B” Valve (see OM Code)
BC	OM Code Categories “B” and “C” both apply (see OM Code)
BA	Ball Valve
BU	Butterfly Valve
C	OM Code Category “C” Valve (see OM Code)
C	Close/Closed
CAS	Compressed Air System
Cat	Category
CC	Code Case
CCS	Component Cooling Water System
CFR	Code of Federal Regulations
CK	Check Valve
CIV	Containment Isolation Valve
CKC	Check Valve Closed
CKO	Check Valve Open
CKOP	Check Valve Partial Opening
CMT	Core Make-up Tank
Co-Ord.	Coordinate
CS	Cold Shutdown frequency
CSJ	Cold Shutdown Justification
CVS	Chemical and Volume Control System
CV	Check Valve

D	OM Code Category “D” Valve (see OM Code)
DTPG	Defined Test Plan Group (snubbers)
DVI	Direct Vessel Injection
DWS	Demineralized Water System
EH	Electro-Hydraulic Operated
ETM	Exercise Test Manual Valve (Full stroke)
FHS	Fuel Handling System
FPS	Fire Protection System
FST	Fail-Safe Test
GA	Gate Valve
GL	Globe Valve
H	Hydraulic Snubber
IRC	Inside Reactor Containment building
IRWST	In-Containment Refueling Water Storage Tank
LC	Locked Closed
LO	Locked Open
LT	Leak Test
MA	Manual Operator
MO	Motor Operated
MSS	Main Steam System
MTS	Main Turbine System
N	No
NA	Not Applicable
O	Open
ORC	Outside Reactor Containment building
P	Passive (valve basis table)
PCS	Passive Containment Cooling System
PH	Pneumatic/Hydraulic
PI	Remote Position Indication Verification
PIV	Pressure Isolation Valve (see UFSAR Table 3.9-18)
PORV	Power Operated Relief Valve

PL	Plug Valve
PSS	Primary Sampling System
PWS	Potable Water System
PXS	Passive Core Cooling System
RCS	Reactor Coolant System
RD	Rupture Disc
RNS	Normal Residual Heat Removal System
RO	Refueling Outage frequency
ROJ	Refueling Outage Justification
RRD	Replace Rupture Disc
RV	Relief Valve
RVT	Relief Valve Test
SA	Self-Actuating
SC	Stop Check valve
SDS	Sanitary Drainage System
SFS	Spent Fuel Pool Cooling System
SGS	Steam Generation System
SO	Solenoid Operated
SQ	Squib (explosively actuated) Valve
STC	Stroke Time Closed test
STO	Stroke Time Open test
VB	Vacuum Breaker
VBS	Nuclear Island Non-Radioactive Ventilation System
VE	Visual Examination
VES	Main Control Room Emergency Habitability System
VFS	Containment Air Filtration System
VWS	Central Chilled Water System
WLS	Liquid Radioactive Waste System
Y	Yes
y	Year(s)
III-3300	MOV performance test per ASME OM Code App. III-3300
III-3600	MOV exercise test per ASME OM Code App. III-3600

3.0 **PROGRAM ALTERNATIVES**

3.1 **ALTERNATIVES**

This section identifies the Alternatives to the requirements of 10CFR50.55a and the OM Code requested under 10 CFR 50.55a(z) and approved by the NRC.

See IST-Alt-01 for using the same Code Edition for Unit 4 as Unit 3, which was authorized 3/2/2020 (Reference 15.1.6).

3.2 **CODE CASES**

This section identifies the Code Cases, and associated limitations, that are incorporated in this IST plan.

Code Case OMN-20, Inservice Code Frequency is used for all components in the plan in establishing testing frequency, as authorized by 10CFR50.55a(b)(3)(x). Only the base frequency will be shown in the component tables.

Alternative VEGP 3&4-IST-ALT-01

Plant Site-Unit:	Vogtle Electric Generating Plant (VEGP) – Unit 4
Interval-Interval Dates:	Applies to the initial inservice test (IST) interval for Unit 4.
ASME Code Components Affected:	All components in the IST program.
Applicable Code Edition and Addenda:	ASME Operation and Maintenance of Nuclear Power Plants (OM) Code, 2012 Edition for 1 st Inservice Test Interval.
Applicable Code Requirements:	10 CFR 50.55a(f)(4)(i) requires the ASME OM Code edition and addenda for the initial IST interval be the latest edition and addenda incorporated by reference in 10 CFR 50.55a(a)(1)(iv) 12 months before the date scheduled for initial loading of fuel under a combined license under 10 CFR part 52. The OM Code, ISTA-3200 has the same requirements for establishing the Code Edition for the Initial Inservice Test Interval (in ISTA-3200(f)(2)).
Reason for Request:	With a one year gap between the scheduled fuel loadings of Vogtle Unit 3 and Unit 4, there is the possibility that the Code Edition required for the Inservice Test program plan will be different between the two units. Because the two units are nearly identical, the Combined License application was for both units, and both units share a common UFSAR, it would create inconsistencies between the two units that would increase the complexity of the UFSAR and testing programs that would increase the probability of human error in developing and implementing two different programs.

	To minimize the problems of developing and implementing two separate IST Programs, it would be preferable to have both IST Programs be developed to the Code Edition and Addenda required for the lead unit (Unit 3). Based on the current scheduled initial loading of fuel for Unit 3 being November 23, 2020, and the current schedule for addition of ASME OM Code Editions to 10 CFR 50.55a being late February 2020, the current latest edition of the OM Code listed in 10 CFR 50.55a (2012 Edition) would be used for establishing the initial 120-month interval IST Programs for Vogtle 3 & 4.
Proposed Alternative and Basis for Use:	Proposed Alternative: In lieu of the requirements of 10 CFR 50.55a(f)(4)(i), for establishing the ASME OM Code edition and addenda for the initial Inservice Test interval, and the equivalent requirements in ISTA-3200(f)(2), it is proposed that the Code Edition for the initial Unit 4 IST Interval be the same edition and/or addenda as established for the associated initial Unit 3 Interval (which will be established in accordance with 10 CFR 50.55a(f)(4)(i)). Basis for Use: Having both units on the same Code Edition for their initial intervals allows both IST programs to be developed utilizing the same edition of the applicable Codes, which will make it less complicated for involved personnel to become familiar with the Code requirements, will ensure a greater degree of consistency for IST between the units, and will reduce the effort associated with surveillance procedure revisions for the program update and for maintenance of the program documents. The Code of Record established for Unit 3 is in accordance with the 10 CFR 50.55a requirements and represents requirements established by the NRC to ensure the equipment is adequately tested to ensure safe plant operation. Applying a common Code edition to both Unit 3 and Unit 4 would establish common requirements which would minimize potential errors caused by having to maintain two separate program requirements for the 2 units. Additionally, based on the version of the Code anticipated for Unit 3 IST program, the units will use the same Code Edition as that used for Preservice testing, which will ensure consistency of Preservice to Inservice testing. Per NUREG-1482, Rev. 2, Basis for 3.3.2, Concurrent Intervals states “The staff believes that conducting IST programs for multiple unit sites using the same Code edition could provide an improvement in program effectiveness.”

	Based on the above, the proposed alternative provides an equivalent level of quality and safety in accordance with 10 CFR 50.55a(z)(1).
Duration of Proposed Alternative:	Through the end of the first Vogtle Unit 4 IST interval.
References:	1. Vogtle 1 & 2 General Relief Request RR-G-2 (Legacy Accession Number 9608200192). 2. NRC Approval letter for RR-G-1 & RR-G-2, dated 11/27/1996 (Legacy Accession Number 9612020101) 3. NUREG-1482, Rev. 2, Section 3.3.2, Concurrent Intervals.

4.0 INSERVICE TESTING OF PUMPS

4.1 GENERAL

There are no pumps in the AP1000 design that meet the scoping criteria of ISTF-1100. ISTF-1000 which provides the scoping criteria for pumps to be included in the IST plan, includes only pumps that have an emergency power source. The emergency power source (Class 1E) for the AP1000 is the Class 1E DC Distribution system, and there are no pumps powered from this source.

5.0 INSERVICE TESTING OF VALVES

5.1 GENERAL

Valves in this program are identified by the component number in tables for Units 3 and 4 respectively, and will be tested in accordance with the OM Code and 10CFR50.55a conditions, unless otherwise specified in this program.

5.2 ADDITIONAL TESTING REQUIREMENTS

10CFR50.55(a) provides conditions to the OM Code with regard to testing of certain valves. These conditions are met in this IST Program Plan as outlined below:

- 5.2.1 To meet the 10CFR50.55a(b)(3)(ii)(D) Condition on *MOV stroke time*. A stroke time test to the safety position(s) is specified for all active MOVs in the program.
- 5.2.2 To meet the 10CFR50.55a(b)(3)(iii)(B) *Check valves* requiring Licensees must perform bi-directional testing of check valves, is specified in accordance with ISTC-5221 within this IST Program Plan, where practicable.

6.0 VALVE NOTES

1. For all active Power Operated Valves there is a requirement for exercise testing, and stroke timing of the valve in the direction required to perform the safety function of the valve. For the purpose of this plan, the exercising requirement is not called out separately, only the stroke time test, which includes exercising of the valve, is shown in the valve table.
2. Squib valve charges, a minimum of 20% are tested every outage (2y), with a minimum of one from each safety train. Circuit testing to verify proper electrical parameters (voltage, current) to actuate squib charge to be performed on valves selected for squib testing.
3. Squib valves disassembly/inspection is performed on one valve of each size each outage (2y), but each valve must be disassembled/inspected every 10 years.
4. Stop check with manual operator for maintenance only. Operates as a check valve.
5. SFS-V071 & SFS-V072 are exercised per ISTC-5221(c), one valve disassembled/stroke verified each refueling outage.

7.0 VEGP-3 VALVE TABLES

VOGTLE UNIT 3

CAS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required			
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV3-CAS-PL-V014	2	N	A	A	2"	BA	AO	SV3-CAS-M6-005 F-3	O	C	C	PI	2y		
												STC	RO	ROJ-CAS-1	
												FST	RO	ROJ-CAS-1	
Instrument Air Containment Isolation Valve												LT	App.J		
SV3-CAS-PL-V015	2	N	AC	A	2"	CK	SA	SV3-CAS-M6-005 F-4	O	C/O	NA	CKC	RO	ROJ-CAS-1	
												CKOP	RO	ROJ-CAS-1	Thermal Expansion
Instrument Air Containment Isolation Check Valve												LT	App.J		
SV3-CAS-PL-V204	2	N	A	P	3"	BA	MA	SV3-CAS-M6-012 E-5	LC	C	AI	LT	App.J		
Service Air Containment Isolation Valve															
SV3-CAS-PL-V205	2	N	AC	A	3"	CK	SA	SV3-CAS-M6-012 E-4	C	C/O	NA	CKC	CS	CSJ-CAS-1	
												CKOP	CS	CSJ-CAS-1	Thermal Expansion
Service Air Containment Isolation Check Valve												LT	App.J		

VOGTLE UNIT 3

CCS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required				
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code	Dev.	Plan Notes
SV3-CCS-PL-V200	2	N	A	A	10"	BU	MO	SV3-CCS-M6-002 H-2	O	C	AI	PI	2RO/3y			
												STC/III-3600	2y			
												III-3300	2RO/3y			
Cooling Water Supply Cmt Isol - ORC												LT	App.J			
SV3-CCS-PL-V201	2	N	AC	A	10"	CK	SA	SV3-CCS-M6-002 H-2	O	C/O	NA	CKC	RO	ROJ-CCS-1		
												CKOP	RO	ROJ-CCS-1		Thermal Expansion
Cooling Water Cmt Supply Check												LT	App.J			
SV3-CCS-PL-V207	2	N	A	A	10"	BU	MO	SV3-CCS-M6-002 B-2	O	C	AI	PI	2RO/3y			
												STC/III-3600	2y			
												III-3300	2RO/3y			
Cooling Water Return Cmt Isol - IRC												LT	App.J			
SV3-CCS-PL-V208	2	N	A	A	10"	BU	MO	SV3-CCS-M6-002 B-1	O	C	AI	PI	2RO/3y			
												STC/III-3600	2y			
												III-3300	2RO/3y			
Cooling Water Returny Cmt Isol - ORC												LT	App.J			
SV3-CCS-PL-V220	2	N	AC	A	1"	RV	SA	SV3-CCS-M6-002 C-2	C	O/C	NA	RVT	10y			Thermal Relief
Cmt Return CIV Thermal Relief												LT	App.J			
SV3-CCS-PL-V270	3	N	C	A	4"	RV	SA	SV3-CCS-M6-002 H-2	C	O	NA	RVT	4y/10y			
CCS Supply Line to Cmt Safety/Relief																
SV3-CCS-PL-V271	3	N	C	A	4"	RV	SA	SV3-CCS-M6-002 C-2	C	O	NA	RVT	4y/10y			
CCS Return Line to Cmt Safety/Relief																

VOGTLE UNIT 3

CVS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required			
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV3-CVS-PL-V001	1	N	B	A	3"	GA	MO	SV3-CVS-M6-001 G-8	O	C	AI	PI	2RO/3y		
CVS Purification Stop Valve												STC/III-3300	2y		
SV3-CVS-PL-V002	1	N	B	A	3"	GA	MO	SV3-CVS-M6-001 G-7	O	C	AI	PI	2RO/3y		
CVS Purification Stop Valve												STC/III-3300	2y		
SV3-CVS-PL-V003	3	N	B	A	3"	GL	MO	SV3-CVS-M6-001 G-7	O	C	AI	PI	2RO/3y		
CVS Purification Stop Valve												STC/III-3300	2y		
SV3-CVS-PL-V040	2	N	A	P	2"	BA	MA	SV3-CVS-M6-005 F-4	LC	C	AI	LT	App.J		
Resin Flush IRC Isolation Valve															
SV3-CVS-PL-V041	2	N	A	P	2"	BA	MA	SV3-CVS-M6-005 F-4	LC	C	AI	LT	App.J		
Resin Flush ORC Isolation Valve															
SV3-CVS-PL-V042	2	N	AC	A	1"	RV	SA	SV3-CVS-M6-005 G-4	C	O/C	NA	RVT	10y		Thermal Relief
Flush Line Containment Isolation Relief Valve												LT	App.J		
SV3-CVS-PL-V045	2	N	A	A	2"	GL	AO	SV3-CVS-M6-005 D-4	C	C	C	PI	2y		
Letdown Line Inside Containment Isolation Valve												STC	Q		
												FST	Q		
												LT	App.J		
SV3-CVS-PL-V047	2	N	A	A	2"	GL	AO	SV3-CVS-M6-005 D-2	C	C	C	PI	2y		
Letdown Line Outside Containment Isolation Valve												STC	Q		
												FST	Q		
												LT	App.J		
SV3-CVS-PL-V058	2	N	AC	A	1"	RV	SA	SV3-CVS-M6-005 E-4	C	O/C	NA	RVT	10y		Thermal Relief
Letdown Line to De-gassifier Containment Isolation Thermal Relief Valve												LT	App.J		
SV3-CVS-PL-V064	N	N	C	A	3"	CK	SA	SV3-CVS-M6-005 C-5	C	O	NA	CKOP	CS	CSJ-CVS-2	Thermal Expansion
Make-up Discharge Header Check Valve												CKC	CS	CSJ-CVS-2	
SV3-CVS-PL-V067	1	N	C	A	1"	CK	SA	SV3-CVS-M6-001 F-7	O	C/O	NA	CKOP	CS	CSJ-CVS-1	Thermal Expansion
Make-up Return Line Spring-Assisted Check Valve												CKC	CS	CSJ-CVS-1	
SV3-CVS-PL-V080	3	N	C	A	3"	CK	SA	SV3-CVS-M6-001 G-7	O	C/O	NA	CKOP	CS	CSJ-CVS-1	Thermal Expansion
Regen HX Shell Side Outlet Check Valve												CKC	CS	CSJ-CVS-1	
SV3-CVS-PL-V081	1	N	BC	A	3"	SC	AO	SV3-CVS-M6-001 G-7	O	C	NA	CKOP	CS	CSJ-CVS-1	
Purification Return Line Stop Check Valve												CKC	CS	CSJ-CVS-1	
SV3-CVS-PL-V082	1	N	C	A	3"	CK	SA	SV3-CVS-M6-001 G-8	O	C/O	NA	CKOP	CS	CSJ-CVS-1	Thermal Expansion
RCS Purification Return Line Check Valve												CKC	CS	CSJ-CVS-1	

VOGTLE UNIT 3

CVS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required			
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV3-CVS-PL-V084	1	N	B	A	2"	GL	AO	SV3-CVS-M6-001 F-7	C	C	C	PI	2y		
Auxiliary Pressurizer Spray Line Isolation Valve												STC	RO	ROJ-CVS-1	
												FST	RO	ROJ-CVS-1	
SV3-CVS-PL-V085	1	N	C	A	2"	CK	SA	SV3-CVS-M6-001 F-8	C	C/O	NA	CKC	RO	ROJ-CVS-1	
Auxiliary Pressurizer Spray Line Check Valve												CKOP	RO	ROJ-CVS-1	Thermal Expansion
SV3-CVS-PL-V090	2	N	A	A	3"	GA	MO	SV3-CVS-M6-005 C-2	O	C	AI	PI	2RO/3y		
												STC/III-3600	2y		
												III-3300	2RO/3y		
Makeup Line Outside Containment Isolation Valve												LT	App.J		
SV3-CVS-PL-V091	2	N	A	A	3"	GA	MO	SV3-CVS-M6-005 C-4	O	C	AI	PI	2RO/3y		
												STC/III-3600	2y		
												III-3300	2RO/3y		
Makeup Line Inside Containment Isolation Valve												LT	App.J		
SV3-CVS-PL-V092	2	N	A	A	1"	GL	AO	SV3-CVS-M6-003 F-6	O	C	C	PI	2y		
												STC	Q		
												FST	Q		
Zinc Injection Containment Isolation Valve ORC												LT	App.J		
SV3-CVS-PL-V094	2	N	A	A	1"	GL	AO	SV3-CVS-M6-003 F-7	O	C	C	PI	2y		
												STC	Q		
												FST	Q		
Zinc Injection Containment Isolation Valve IRC												LT	App.J		
SV3-CVS-PL-V098	2	N	AC	A	1"	RV	SA	SV3-CVS-M6-003 F-6	C	O/C	NA	RVT	10y		Thermal Relief
Zinc Injection Cmtt Isol Thermal Relief Valve												LT	App.J		
SV3-CVS-PL-V100	2	N	AC	A	1"	CK	SA	SV3-CVS-M6-005 B-4	C	C/O	NA	CKC	CS	CSJ-CVS-2	
												CKOP	CS	CSJ-CVS-2	Thermal Expansion
Makeup Line Containment Isolation Relief												LT	App.J		
SV3-CVS-PL-V136A	3	N	B	A	3"	BU	AO	SV3-CVS-M6-004 C-4	C	C	C	PI	2y		
												STC	Q		
Demineralized Water System Isolation Valve												FST	Q		
SV3-CVS-PL-V136B	3	N	B	A	3"	BU	AO	SV3-CVS-M6-004 C-4	C	C	C	PI	2y		
												STC	Q		
Demineralized Water System Isolation Valve												FST	Q		
SV3-CVS-PL-V217	2	N	AC	A	1/2"	CK	SA	SV3-CVS-M6-003 D-7	O	C/O	NA	CKC	Q		
												CKOP	Q		Thermal Expansion
Hydrogen Injection Containment Isolation Check Valve IRC												LT	App.J		

VOGTLE UNIT 3

CVS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required				
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes	
SV3-CVS-PL-V219	2	N	A	A	1/2"	GL	AO	SV3-CVS-M6-003 D-6	O	C	C	PI	2y			
												STC	Q			
												FST	Q			
Zinc Injection Containment Isolation Valve IRC												LT	App.J			

VOGTLE UNIT 3

DWS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required				
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes	
SV3-DWS-PL-V241	3	N	C	A	1"	RV	SA	SV3-DWS-M6-007	C	O	NA	RVT	10y		Thermal Relief	
Demin Water Supply to Containment Relief								E-5								
SV3-DWS-PL-V244	2	N	A	P	3"	BU	MA	SV3-DWS-M6-007	LC	C	AI	LT	App.J			
Demin Water Supply Containment Isolation Valve - Outside								E-6								
SV3-DWS-PL-V245	2	N	AC	A	2"	CK	SA	SV3-DWS-M6-007	C	C/O	NA	CKC	CS	CSJ-DWS-1		
								E-6				CKOP	CS	CSJ-DWS-1	Thermal Expansion	
Demin Water Supply Containment Isolation Check Valve - IRC												LT	App.J			

VOGTLE UNIT 3

FHS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required			
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV3-FHS-PL-V001	3	N	B	A	30"	GA	MA	SV3-SFS-M6-012	C	C	AI	ETM	2y		
Fuel Transfer Tube Isolation Valve									F-6						

VOGTLE UNIT 3

FPS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required			
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV3-FPS-PL-V050	2	N	A	P	6"	BU	MA	SV3-FPS-M6-004	LC	C	AI	LT	App.J		
Fire Water Containment Supply Isolation									F-4						
SV3-FPS-PL-V052	2	N	AC	A	6"	CK	SA	SV3-FPS-M6-004	C	C/O	NA	CKC	CS	CSJ-FPS-1	
Fire Water Supply Ctmt Isol Check Valve - IRC									F-5			CKOP	CS	CSJ-FPS-1	Thermal Expansion
												LT	App.J		
SV3-FPS-PL-V702	3	N	C	A	1"	RV	SA	SV3-FPS-M6-004	C	O	NA	RVT	10y		Thermal Relief
Fire Water Supply IC Thermal Relief									F/G-5						

VOGTLE UNIT 3

MSS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required			
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV3-MSS-PL-V001	N	Y	B	A	16"	GL	AO	SV3-MSS-M6-001 H-8	C	C	C	PI STC FST	2y Q Q		
Turbine Bypass Control Valve															
SV3-MSS-PL-V002	N	Y	B	A	16"	GL	AO	SV3-MSS-M6-001 H-7	C	C	C	PI STC FST	2y Q Q		
Turbine Bypass Control Valve															
SV3-MSS-PL-V003	N	Y	B	A	16"	GL	AO	SV3-MSS-M6-001 H-6	C	C	C	PI STC FST	2y Q Q		
Turbine Bypass Control Valve															
SV3-MSS-PL-V004	N	Y	B	A	16"	GL	AO	SV3-MSS-M6-001 H-4	C	C	C	PI STC FST	2y Q Q		
Turbine Bypass Control Valve															
SV3-MSS-PL-V005	N	Y	B	A	16"	GL	AO	SV3-MSS-M6-001 H-3	C	C	C	PI STC FST	2y Q Q		
Turbine Bypass Control Valve															
SV3-MSS-PL-V006	N	Y	B	A	16"	GL	AO	SV3-MSS-M6-001 H-2	C	C	C	PI STC FST	2y Q Q		
Turbine Bypass Control Valve															
SV3-MSS-PL-V015A	N	Y	B	A	10"	GL	AO	SV3-MSS-M6-001 B-6	O	C	C	PI STC FST	2y CS CS		CSJ-MSS-1 CSJ-MSS-1
MSR 2 nd Stage Reheat Steam AO Isolation Valve															
SV3-MSS-PL-V015B	N	Y	B	A	10"	GL	AO	SV3-MSS-M6-001 G-6	O	C	C	PI STC FST	2y CS CS		CSJ-MSS-1 CSJ-MSS-1
MSR 2 nd Stage Reheat Steam AO Isolation Valve															

VOGTLE UNIT 3

MTS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required			
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV3-MTS-PL-V001A	N	Y	B	A	28"	GL	EH	SV3-MTS-M6-002 F-6	O	C	C	PI STC FST	2y Q Q		
Main Stop Valve #1															
SV3-MTS-PL-V001B	N	Y	B	A	28"	GL	EH	SV3-MTS-M6-002 C-6	O	C	C	PI STC FST	2y Q Q		
Main Stop Valve #3															
SV3-MTS-PL-V002A	N	Y	B	A	28"	GL	EH	SV3-MTS-M6-002 F-6	O	C	C	PI STC FST	2y Q Q		
Control Valve #1															
SV3-MTS-PL-V002B	N	Y	B	A	28"	GL	EH	SV3-MTS-M6-002 C-6	O	C	C	PI STC FST	2y Q Q		
Control Valve #3															
SV3-MTS-PL-V003A	N	Y	B	A	28"	GL	EH	SV3-MTS-M6-002 E-6	O	C	C	PI STC FST	2y Q Q		
Main Stop Valve #2															
SV3-MTS-PL-V003B	N	Y	B	A	28"	GL	EH	SV3-MTS-M6-002 D-6	O	C	C	PI STC FST	2y Q Q		
Main Stop Valve #4															
SV3-MTS-PL-V004A	N	Y	B	A	28"	GL	EH	SV3-MTS-M6-002 E-6	O	C	C	PI STC FST	2y Q Q		
Control Valve #2															
SV3-MTS-PL-V004B	N	Y	B	A	28"	GL	EH	SV3-MTS-M6-002 D-6	O	C	C	PI STC FST	2y Q Q		
Control Valve #4															

VOGTLE UNIT 3

PCS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required				
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code	Dev.	Plan Notes
SV3-PCS-PL-V001A	3	N	B	A	6"	BU	AO	SV3-PCS-M6-001 E-4	C	O	O	PI STO FST	2y Q Q			
PCS Actuation Valve A																
SV3-PCS-PL-V001B	3	N	B	A	6"	BU	AO	SV3-PCS-M6-001 E-6	C	O	O	PI STO FST	2y Q Q			
PCS Actuation Valve B																
SV3-PCS-PL-V001C	3	N	B	A	6"	GA	MO	SV3-PCS-M6-001 E-5	C	O	AI	PI STO/III-3600 III-3300	2RO/3y Q 2RO/3y			
PCS Actuation Valve C																
SV3-PCS-PL-V002A	3	N	B	A	6"	GA	MO	SV3-PCS-M6-001 E-4	O	O	AI	PI STO/III-3600 III-3300	2RO/3y 2y 2RO/3y			
PCS Isolation Valve A																
SV3-PCS-PL-V002B	3	N	B	A	6"	GA	MO	SV3-PCS-M6-001 E-6	O	O	AI	PI STO/III-3600 III-3300	2RO/3y 2y 2RO/3y			
PCS Isolation Valve B																
SV3-PCS-PL-V002C	3	N	B	A	6"	GA	MO	SV3-PCS-M6-001 E-5	O	O	AI	PI STO/III-3600 III-3300	2RO/3y 2y 2RO/3y			
PCS Isolation Valve C																
SV3-PCS-PL-V005	3	N	B	A	4"	GA	MA	SV3-PCS-M6-002 G-5	O	C	AI	ETM	2y			
PCS to DWS/FPS Iso Valve																
SV3-PCS-PL-V009	3	N	B	A	3"	GA	MA	SV3-PCS-M6-001 E-4	C	O/C	AI	ETM	2y			
Spent Fuel Pool Emergency Makeup Valve																
SV3-PCS-PL-V015	3	N	B	A	1"	GL	MA	SV3-PCS-M6-002 G-8	O	C	AI	ETM	2y			
PCS Long Term Supply to Distribution Bucket Drain Valve																
SV3-PCS-PL-V020	3	N	B	A	3"	GA	MA	SV3-PCS-M6-002 E-4	C	O	AI	ETM	2y			
PCS Long Term Supply to Distribution Bucket Iso Valve																
SV3-PCS-PL-V023	3	N	B	A	4"	GA	MA	SV3-PCS-M6-002 F-7	O	C	AI	ETM	2y			
PCS Recirc Pumps to PCCWST Iso Valve																
SV3-PCS-PL-V039	3	N	C	A	4"	CK	SA	SV3-PCS-M6-002 F-4	C	C/O	NA	CKC CKO	App. II App. II			
PCS/SFS Long Term Make-up Supply Check Valve																
SV3-PCS-PL-V042	3	N	B	A	1"	GL	MA	SV3-PCS-M6-002 F-3	O	C	AI	ETM	2y			
PCS Long Term Supply from Temp Pump Drain Valve																
SV3-PCS-PL-V044	3	N	B	A	4"	GA	MA	SV3-PCS-M6-002 F-4	C	O	AI	ETM	2y			
PCS Long Term Supply from Temp Pump Iso Valve																

VOGTLE UNIT 3

PCS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required			
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV3-PCS-PL-V045	3	N	B	A	2"	GL	MA	SV3-PCS-M6-001	C	O	AI	ETM	2y		
PCS Supply to SFS Make-up Iso Valve								B-3							
SV3-PCS-PL-V046	3	N	B	A	4"	GA	MA	SV3-PCS-M6-002	O	C	AI	ETM	2y		
PCCWST Recirculation Return Isolation Valve								H-7							
SV3-PCS-PL-V049	3	N	B	A	1"	GL	MA	SV3-PCS-M6-001	O	C	AI	ETM	2y		
PCCWST Drain Isolation Valve								C-2							
SV3-PCS-PL-V050	3	N	B	A	2"	GL	MA	SV3-PCS-M6-002	C	C/O	AI	ETM	2y		
Recirc Header Discharge to SFS Pool Isolation Valve								F-7							
SV3-PCS-PL-V051	3	N	B	A	2"	GL	MA	SV3-PCS-M6-001	C	C/O	AI	ETM	2y		
Spent Fuel Pool Emergency Makeup Lower Isolation Valve								B-2							

VOGTLE UNIT 3

PSS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required			
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV3-PSS-PL-V001A	2	N	C	A	1/4"	GL	SO	SV3-PSS-M6-003	O	O	C	RVT	10y		Thermal Relief
Hot Leg 1 Sample Isolation															
SV3-PSS-PL-V001B	2	N	C	A	1/4"	GL	SO	SV3-PSS-M6-003	C	O	C	RVT	10y		Thermal Relief
Hot Leg 2 Sample Isolation															
SV3-PSS-PL-V003	2	N	C	A	1/4"	GL	SO	SV3-PSS-M6-003	C	O	C	RVT	10y		Thermal Relief
Pzr Sample Isolation															
SV3-PSS-PL-V008	2	N	A	A	5/8"	GL	SO	SV3-PSS-M6-001	O	C	C	PI	2y		
												STC	Q		
												FST	Q		
Containment Air Sample Containment Isolation Valve IRC												LT	App.J		
SV3-PSS-PL-V010A	2	N	AC	A	1/4"	GL	SO	SV3-PSS-M6-001	O	C	C	PI	2y		
												STC	Q		
												FST	Q		
Liquid Sample Line Containment Isolation Valve A IRC												LT	App.J		
												RVT	10y		Thermal Relief
SV3-PSS-PL-V010B	2	N	AC	A	1/4"	GL	SO	SV3-PSS-M6-001	C	C	C	PI	2y		
												STC	Q		
												FST	Q		
Liquid Sample Line Containment Isolation Valve B IRC												LT	App.J		
												RVT	10y		Thermal Relief
SV3-PSS-PL-V011A	2	N	A	A	1/4"	GL	AO	SV3-PSS-M6-001	O	C	C	PI	2y		
												STC	Q		
Liquid Sample Line Containment Isolation Valve A ORC												FST	Q		
												LT	App.J		
SV3-PSS-PL-V011B	2	N	A	A	1/4"	GL	AO	SV3-PSS-M6-001	C	C	C	PI	2y		
												STC	Q		
Liquid Sample Line Containment Isolation Valve B ORC												FST	Q		
												LT	App.J		
SV3-PSS-PL-V023	2	N	A	A	1"	GL	AO	SV3-PSS-M6-001	O	C	C	PI	2y		
												STC	Q		
Ctmt Air Sample Return Isolation Valve												FST	Q		
												LT	App.J		

VOGTLE UNIT 3

PSS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required				
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code	Dev.	Plan Notes
SV3-PSS-PL-V024	2	N	A	A	1"	GL	SO	SV3-PSS-M6-001 C-7	O	C	C	PI	2y			
												STC	Q			
												FST	Q			
Ctmt Liquid and Air Sample Return IRC Isol Valve												LT	App.J			
SV3-PSS-PL-V046	2	N	A	A	5/8"	GL	AO	SV3-PSS-M6-001 D-6	O	C	C	PI	2y			
												STC	Q			
												FST	Q			
Air Sample Line Ctmt Isol ORC Valve												LT	App.J			

VOGTLE UNIT 3

PWS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required			
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV3-PWS-PL-V418	3	N	B	A	1"	GL	MA	SV3-PCS-M6-002	O	C	AI	ETM	2y		
Control Room Boundary Outside Isolation Valve								G-4							
SV3-PWS-PL-V420	3	N	B	A	1"	GL	MA	SV3-PCS-M6-002	O	C	AI	ETM	2y		
Control Room Boundary Inside Isolation Valve								F-4							
SV3- PWS-PL-V498	3	N	C	A	1"	VB	SA	SV3-PWS-M6-002	C	O	NA	VB	2y		Vacuum Breaker
Ctmt Return CIV Thermal Relief								F-4							

VOGTLE UNIT 3

PXS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required			
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV3-PXS-PL-V002A	1	N	B	P	8"	GA	MO	SV3-PXS-M6-001	O	O	AI	PI	2y		
RCS to CMT A Isolation Valve								G/H-5							
SV3-PXS-PL-V002B	1	N	B	P	8"	GA	MO	SV3-PXS-M6-001	O	O	AI	PI	2y		
RCS to CMT B Isolation Valve								G/H-4							
SV3-PXS-PL-V013A	1	N	B	P	8"	GA	MA	SV3-PXS-M6-001	LO	O	AI	PI	2y		
CMT A Discharge Manual Isol Valve								D/E-6							
SV3-PXS-PL-V013B	1	N	B	P	8"	GA	MA	SV3-PXS-M6-001	LO	O	AI	PI	2y		
CMT B Discharge Manual Isol Valve								D/E-3							
SV3-PXS-PL-V014A	1	N	B	A	8"	GL	AO	SV3-PXS-M6-001	C	O	O	PI	2y		
								E-7				STO	Q		
CMT A Outlet Valve												FST	Q		
SV3-PXS-PL-V014B	1	N	B	A	8"	GL	AO	SV3-PXS-M6-001	C	O	O	PI	2y		
								E-3				STO	Q		
CMT B Outlet Valve												FST	Q		
SV3-PXS-PL-V015A	1	N	B	A	8"	GL	AO	SV3-PXS-M6-001	C	O	O	PI	2y		
								D-7				STO	Q		
CMT A Outlet Valve												FST	Q		
SV3-PXS-PL-V015B	1	N	B	A	8"	GL	AO	SV3-PXS-M6-001	C	O	O	PI	2y		
								D-3				STO	Q		
CMT B Outlet Valve												FST	Q		
SV3-PXS-PL-V016A	1	N	C	A	8"	CK	SA	SV3-PXS-M6-001	O	O/C	NA	CKO	RO	ROJ-PXS-1	
CMT A Outlet Check Valve								D/E-6				CKC	RO	ROJ-PXS-1	
SV3-PXS-PL-V016B	1	N	C	A	8"	CK	SA	SV3-PXS-M6-001	O	O/C	NA	CKO	RO	ROJ-PXS-1	
CMT B Outlet Check Valve								D/E-3				CKC	RO	ROJ-PXS-1	
SV3-PXS-PL-V017A	1	N	C	A	8"	CK	SA	SV3-PXS-M6-001	O	O/C	NA	CKO	RO	ROJ-PXS-1	
CMT A Outlet Check Valve								D/E-6				CKC	RO	ROJ-PXS-1	
SV3-PXS-PL-V017B	1	N	C	A	8"	CK	SA	SV3-PXS-M6-001	O	O/C	NA	CKO	RO	ROJ-PXS-1	
CMT B Outlet Check Valve								D/E-3				CKC	RO	ROJ-PXS-1	
SV3-PXS-PL-V021A	3	N	B	P	1"	GL	SO	SV3-PXS-M6-001	C	C	C	PI	2y		
Accumulator A Nitrogen Supply Valve								C-7							
SV3-PXS-PL-V021B	3	N	B	P	1"	GL	SO	SV3-PXS-M6-001	C	C	C	PI	2y		
Accumulator B Nitrogen Supply Valve								C-2							
SV3-PXS-PL-V022A	3	N	C	A	1"	RV	SA	SV3-PXS-M6-001	C	O/C	NA	RVT	4y/10y		
Accumulator A Relief Valve								C-7							

VOGTLE UNIT 3

PXS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required			
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV3-PXS-PL-V022B	3	N	C	A	1"	RV	SA	SV3-PXS-M6-001	C	O/C	NA	RVT	4y/10y		
Accumulator B Relief Valve															
SV3-PXS-PL-V027A	3	N	B	P	8"	GA	MO	SV3-PXS-M6-001	O	O	AI	PI	2y		
Accumulator A to RCS Isolation Valve															
SV3-PXS-PL-V027B	3	N	B	P	8"	GA	MO	SV3-PXS-M6-001	O	O	AI	PI	2y		
Accumulator B to RCS Isolation Valve															
SV3-PXS-PL-V028A	1	N	AC	A	8"	CK	SA	SV3-PXS-M6-001	C	O/C	NA	CKC	RO	ROJ-PXS-2	
Accumulator A Outlet to RCS Check												CKO	RO	ROJ-PXS-2	
												LT	2y		PIV
SV3-PXS-PL-V028B	1	N	AC	A	8"	CK	SA	SV3-PXS-M6-001	C	O/C	NA	CKC	RO	ROJ-PXS-2	
Accumulator B Outlet to RCS Check												CKO	RO	ROJ-PXS-2	
												LT	2y		PIV
SV3-PXS-PL-V029A	1	N	AC	A	8"	CK	SA	SV3-PXS-M6-001	C	O/C	NA	CKC	RO	ROJ-PXS-2	
Accumulator A Outlet to RCS Check												CKO	RO	ROJ-PXS-2	
												LT	2y		PIV
SV3-PXS-PL-V029B	1	N	AC	A	8"	CK	SA	SV3-PXS-M6-001	C	O/C	NA	CKC	RO	ROJ-PXS-2	
Accumulator B Outlet to RCS Check												CKO	RO	ROJ-PXS-2	
												LT	2y		PIV
SV3-PXS-PL-V042	2	N	A	A	1"	GL	AO	SV3-PXS-M6-001	O	C	C	PI	2y		
High Pressure Nitrogen to Containment Isolation Valve												STC	Q		
												FST	Q		
												LT	App.J		
SV3-PXS-PL-V043	2	N	AC	A	1"	CK	SA	SV3-PXS-M6-001	C	O/C	NA	CKC	Q		
High Pressure Nitrogen to Containment IC Check Valve												CKOP	Q		Thermal Expansion
												LT	App.J		
SV3-PXS-PL-V044	N	N	C	A	1"	RV	SA	SV3-PXS-M6-001	C	O	NA	RVT	10y		Thermal Relief
High Pressure Nitrogen to Containment Penetration Thermal Relief Valve															
SV3-PXS-PL-V101	1	N	B	P	14"	GA	MO	SV3-PXS-M6-002	O	O	AI	PI	2y		
RCS to PRHR Heat Exchanger Isolation Valve															
SV3-PXS-PL-V108A	1	N	B	A	14"	BA	AO	SV3-PXS-M6-002	C	O	O	PI	2y		
PRHR Heat Exchanger Outlet Valve to RCS A												STO	CS	CSJ-PXS-1	
												FST	CS	CSJ-PXS-1	
SV3-PXS-PL-V108B	1	N	B	A	14"	BA	AO	SV3-PXS-M6-002	C	O	O	PI	2y		
PRHR Heat Exchanger Outlet Valve to RCS B												STO	CS	CSJ-PXS-1	
												FST	CS	CSJ-PXS-1	

VOGTLE UNIT 3

PXS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----	Required						
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code	Dev.	Plan Notes
SV3-PXS-PL-V109	1	N	B	P	14"	GA	MA	SV3-PXS-M6-001	LO	O	AI	PI	2y			
RCS to PRHR Heat Exchanger Isolation Valve									F-1							
SV3-PXS-PL-V117A	3	N	B	P	8"	GA	MO	SV3-PXS-M6-002	O	O	AI	PI	2y			
Containment Recirculation A to RCS Isolation Valve									E-7							
SV3-PXS-PL-V117B	3	N	B	P	8"	GA	MO	SV3-PXS-M6-002	O	O	AI	PI	2y			
Containment Recirculation B to RCS Isolation Valve									E-5							
SV3-PXS-PL-V118A	3	N	D	A	8"	SQ	SQ	SV3-PXS-M6-002	C	O	AI	Remote Insp	2y			
Containment Recirc.Sump A to RCS Actuation Squib Valve									E-7				Charge	2y/10y		Note 2
												Circuit	2y/10y		Tested when testing charge	
												Disass. Insp	10y		Note 3	
SV3-PXS-PL-V118B	3	N	D	A	8"	SQ	SQ	SV3-PXS-M6-002	C	O	AI	Remote Insp	2y			
Containment Recirc.Sump B to RCS Actuation Squib Valve									E-5				Charge	2y/10y		Note 2
												Circuit	2y/10y		Tested when testing charge	
												Disass. Insp	10y		Note 3	
SV3-PXS-PL-V119A	3	N	C	A	8"	CK	NA	SV3-PXS-M6-002	C	O/C	NA	PI	2y			
Containment Recirc. Sump A Outlet to RCS Check									E-7				CKC	RO	ROJ-PXS-3	
												CKO	RO	ROJ-PXS-3		
SV3-PXS-PL-V119B	3	N	C	A	8"	CK	NA	SV3-PXS-M6-002	C	O/C	NA	PI	2y			
Containment Recirc. Sump A Outlet to RCS Check									E-5				CKC	RO	ROJ-PXS-3	
												CKO	RO	ROJ-PXS-3		
SV3-PXS-PL-V120A	3	N	D	A	8"	SQ	SQ	SV3-PXS-M6-002	C	O	AI	Remote Insp	2y			
Containment Recirc.Sump A to RCS Actuation Squib Valve									E-7				Charge	2y/10y		Note 2
												Circuit	2y/10y		Tested when testing charge	
												Disass. Insp	10y		Note 3	
SV3-PXS-PL-V120B	3	N	D	A	8"	SQ	SQ	SV3-PXS-M6-002	C	O	AI	Remote Insp	2y			
Containment Recirc.Sump B to RCS Actuation Squib Valve									E-5				Charge	2y/10y		Note 2
												Circuit	2y/10y		Tested when testing charge	
												Disass. Insp	10y		Note 3	
SV3-PXS-PL-V121A	3	N	B	P	8"	GA	MO	SV3-PXS-M6-002	O	O	AI	PI	2y			
IRWST/Recirc. Sump to RCS A Isolation Valve									D-7							
SV3-PXS-PL-V121B	3	N	B	P	8"	GA	MO	SV3-PXS-M6-002	O	O	AI	PI	2y			
IRWST/Recirc. Sump to RCS B Isolation Valve									D-7							
SV3-PXS-PL-V122A	1	N	C	A	8"	CK	SA	SV3-PXS-M6-002	C	O/C	NA	PI	2y			
IRWST Injection Line A Check Valve									C-7				CKC	CS	CSJ-PXS-2	
												CKO	CS	CSJ-PXS-2		

VOGTLE UNIT 3

PXS

Valve ID									-----Position-----			Required					
Description	Class	Aug	Cat.	A/P	Valve Size	Valve Type	Act. Type	Drawing & Coord	Normal	Safety	Fail-Safe	Test	Freq	Code	Dev.	Plan Notes	
SV3-PXS-PL-V122B	1	N	C	A	8"	CK	SA	SV3-PXS-M6-002 C-5	C	O/C	NA	PI	2y				
												CKC	CS	CSJ-PXS-2			
IRWST Injection Line B Check Valve												CKO	CS	CSJ-PXS-2			
SV3-PXS-PL-V123A	1	N	D	A	8"	SQ	SQ	SV3-PXS-M6-002 C-7	C	O	AI	Remote Insp	2y				
												Charge	2y/10y		Note 2		
												Circuit	2y/10y		Tested when testing charge		
IRWST Injection A Isolation Valve												Disass. Insp	10y		Note 3		
SV3-PXS-PL-V123B	1	N	D	A	8"	SQ	SQ	SV3-PXS-M6-002 C-5	C	O	AI	Remote Insp	2y				
												Charge	2y/10y		Note 2		
												Circuit	2y/10y		Tested when testing charge		
IRWST Injection B Isolation Valve												Disass. Insp	10y		Note 3		
SV3-PXS-PL-V124A	1	N	C	A	8"	CK	NA	SV3-PXS-M6-002 C-7	C	O/C	NA	PI	2y				
												CKC	CS	CSJ-PXS-2			
IRWST Injection Line A Check Valve												CKO	CS	CSJ-PXS-2			
SV3-PXS-PL-V124B	1	N	C	A	8"	CK	NA	SV3-PXS-M6-002 C-5	C	O/C	NA	PI	2y				
												CKC	CS	CSJ-PXS-2			
IRWST Injection Line B Check Valve												CKO	CS	CSJ-PXS-2			
SV3-PXS-PL-V125A	1	N	D	A	8"	SQ	SQ	SV3-PXS-M6-002 C-7	C	O	AI	Remote Insp	2y				
												Charge	2y/10y		Note 2		
												Circuit	2y/10y		Tested when testing charge		
IRWST Injection A Isolation Valve												Disass. Insp	10y		Note 3		
SV3-PXS-PL-V125B	1	N	D	A	8"	SQ	SQ	SV3-PXS-M6-002 C-5	C	O	AI	Remote Insp	2y				
												Charge	2y/10y		Note 2		
												Circuit	2y/10y		Tested when testing charge		
IRWST Injection B Isolation Valve												Disass. Insp	10y		Note 3		
SV3-PXS-PL-V130A	3	N	B	A	2"	BA	AO	SV3-PXS-M6-002 H-7	O	C	C	PI	2y				
												STC	Q				
IRWST Gutter Isolation A Valve												FST	Q				
SV3-PXS-PL-V130B	3	N	B	A	2"	BA	AO	SV3-PXS-M6-002 H-7	O	C	C	PI	2y				
												STC	Q				
IRWST Gutter Isolation B Valve												FST	Q				
SV3-PXS-PL-V208A	2	N	A	P	3/8"	GL	MA	SV3-PXS-M6-003 D-3	LC	C	AI	LT	App.J				
RNS Suction Leak Test Valve																	
SV3-PXS-PL-V230A	2	N	B	P	1"	GL	AO	SV3-PXS-M6-003 F-6	C	C	C	PI	2y				
Core Makeup Tank A Fill Isolation																	

VOGTLE UNIT 3

PXS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required			
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV3-PXS-PL-V230B	2	N	B	P	1"	GL	AO	SV3-PXS-M6-003	C	C	C	PI	2y		
Core Makeup Tank B Fill Isolation									G-6						
SV3-PXS-PL-V231A	2	N	C	A	1"	CK	SA	SV3-PXS-M6-003	C	O	NA	CKOP	CS	CSJ-PXS-3	Thermal Expansion
CMT A Fill Check Valve									F-7			CKC	CS	CSJ-PXS-3	
SV3-PXS-PL-V231B	2	N	C	A	1"	CK	SA	SV3-PXS-M6-003	C	O	NA	CKOP	CS	CSJ-PXS-3	Thermal Expansion
CMT B Fill Check Valve									G-7			CKC	CS	CSJ-PXS-3	
SV3-PXS-PL-V232A	2	N	B	P	1"	GL	AO	SV3-PXS-M6-003	C	C	C	PI	2y		
Accumulator A Fill/Drain Isolation									E-6						
SV3-PXS-PL-V232B	2	N	B	P	1"	GL	AO	SV3-PXS-M6-003	C	C	C	PI	2y		
Accumulator B Fill/Drain Isolation									G-6						

VOGTLE UNIT 3

RCS

Valve ID								Position			Required				
Description	Class	Aug	Cat.	A/P	Valve Size	Valve Type	Act. Type	Drawing & Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV3-RCS-PL-V001A	1	N	B	A	4"	GL	MO	SV3-RCS-M6-002 G-5	C	O	AI	PI STO/III-3600 III-3300	2RO/3y CS 2RO/3y	CSJ-RCS-1	
ADS Stage 1 Control Valve															
SV3-RCS-PL-V001B	1	N	B	A	4"	GL	MO	SV3-RCS-M6-002 E-5	C	O	AI	PI STO/III-3600 III-3300	2RO/3y CS 2RO/3y	CSJ-RCS-1	
ADS Stage 1 Control Valve															
SV3-RCS-PL-V002A	1	N	B	A	8"	GL	MO	SV3-RCS-M6-002 G-5	C	O	AI	PI STO/III-3600 III-3300	2RO/3y CS 2RO/3y	CSJ-RCS-1	
ADS Stage 2 Control Valve															
SV3-RCS-PL-V002B	1	N	B	A	8"	GL	MO	SV3-RCS-M6-002 E-5	C	O	AI	PI STO/III-3600 III-3300	2RO/3y CS 2RO/3y	CSJ-RCS-1	
ADS Stage 2 Control Valve															
SV3-RCS-PL-V003A	1	N	B	A	8"	GL	MO	SV3-RCS-M6-002 H-5	C	O	AI	PI STO/III-3600 III-3300	2RO/3y CS 2RO/3y	CSJ-RCS-1	
ADS Stage 3 Control Valve															
SV3-RCS-PL-V003B	1	N	B	A	8"	GL	MO	SV3-RCS-M6-002 F-5	C	O	AI	PI STO/III-3600 III-3300	2RO/3y CS 2RO/3y	CSJ-RCS-1	
ADS Stage 3 Control Valve															
SV3-RCS-PL-V004A	1	N	D	A	14"	SQ	SQ	SV3-RCS-M6-001 G-6	C	O	AI	Remote Insp Charge Circuit Disass. Insp	2y 2y/10y 2y/10y 10y		Note 2 Tested when testing charge Note 3
ADS Stage 4 Valve															
SV3-RCS-PL-V004B	1	N	D	A	14"	SQ	SQ	SV3-RCS-M6-001 F-3	C	O	AI	Remote Insp Charge Circuit Disass. Insp	2y 2y/10y 2y/10y 10y		Note 2 Tested when testing charge Note 3
ADS Stage 4 Valve															
SV3-RCS-PL-V004C	1	N	D	A	14"	SQ	SQ	SV3-RCS-M6-001 F-6	C	O	AI	Remote Insp Charge Circuit Disass. Insp	2y 2y/10y 2y/10y 10y		Note 2 Tested when testing charge Note 3
ADS Stage 4 Valve															
SV3-RCS-PL-V004D	1	N	D	A	14"	SQ	SQ	SV3-RCS-M6-001 F-3	C	O	AI	Remote Insp Charge Circuit Disass. Insp	2y 2y/10y 2y/10y 10y		Note 2 Tested when testing charge Note 3
ADS Stage 4 Valve															

VOGTLE UNIT 3

RCS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----	Required					
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV3-RCS-PL-V005A	1	N	C	A	6"	RV	SA	SV3-RCS-M6-002	C	O/C	NA	RVT	2y/5y		Includes PI
Pressurizer Safety Valve								H-7							
SV3-RCS-PL-V005B	1	N	C	A	6"	RV	SA	SV3-RCS-M6-002	C	O/C	NA	RVT	2y/5y		Includes PI
Pressurizer Safety Valve								F-6							
SV3-RCS-PL-V010A	3	N	C	A	1"	VB	SA	SV3-RCS-M6-002	C	O	NA	VB	2y		
ADS Header Vacuum Breaker								G-4							
SV3-RCS-PL-V010B	3	N	C	A	1"	VB	SA	SV3-RCS-M6-002	C	O	NA	VB	2y		
ADS Header Vacuum Breaker								E-4							
SV3-RCS-PL-V011A	1	N	B	A	4"	GA	MO	SV3-RCS-M6-002	C	O	AI	PI	2RO/3y		
ADS Stage 1 Isolation Valve								G-5				STO/III-3600	CS	CSJ-RCS-1	
												III-3300	2RO/3y		
SV3-RCS-PL-V011B	1	N	B	A	4"	GA	MO	SV3-RCS-M6-002	C	O	AI	PI	2RO/3y		
ADS Stage 1 Isolation Valve								E-5				STO/III-3600	CS	CSJ-RCS-1	
												III-3300	2RO/3y		
SV3-RCS-PL-V012A	1	N	B	A	8"	GA	MO	SV3-RCS-M6-002	C	O	AI	PI	2RO/3y		
ADS Stage 2 Isolation Valve								G-5				STO/III-3600	CS	CSJ-RCS-1	
												III-3300	2RO/3y		
SV3-RCS-PL-V012B	1	N	B	A	8"	GA	MO	SV3-RCS-M6-002	C	O	AI	PI	2RO/3y		
ADS Stage 2 Isolation Valve								E-5				STO/III-3600	CS	CSJ-RCS-1	
												III-3300	2RO/3y		
SV3-RCS-PL-V013A	1	N	B	A	8"	GA	MO	SV3-RCS-M6-002	C	O	AI	PI	2RO/3y		
ADS Stage 3 Isolation Valve								G-5				STO/III-3600	CS	CSJ-RCS-1	
												III-3300	2RO/3y		
SV3-RCS-PL-V013B	1	N	B	A	8"	GA	MO	SV3-RCS-M6-002	C	O	AI	PI	2RO/3y		
ADS Stage 3 Isolation Valve								F-5				STO/III-3600	CS	CSJ-RCS-1	
												III-3300	2RO/3y		
SV3-RCS-PL-V014A	1	N	B	P	14"	GA	MO	SV3-RCS-M6-001	O	O	AI	PI	2y		
ADS Stage 4 Isolation Valve								G-6							
SV3-RCS-PL-V014B	1	N	B	P	14"	GA	MO	SV3-RCS-M6-001	O	O	AI	PI	2y		
ADS Stage 4 Isolation Valve								F-3							
SV3-RCS-PL-V014C	1	N	B	P	14"	GA	MO	SV3-RCS-M6-001	O	O	AI	PI	2y		
ADS Stage 4 Isolation Valve								F-6							
SV3-RCS-PL-V014D	1	N	B	P	14"	GA	MO	SV3-RCS-M6-001	O	O	AI	PI	2y		
ADS Stage 4 Isolation Valve								F-3							

VOGTLE UNIT 3

RCS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required			
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV3-RCS-PL-V150A	1	N	BC	A	1"	GL	SO	SV3-RCS-M6-001 D-4	C	O/C	C	PI	2y		
												STO	CS	CSJ-RCS-2	
												STC	CS	CSJ-RCS-2	
												FST	CS	CSJ-RCS-2	
Reactor Head Vent Valve												RVT	10y		Thermal relief
SV3-RCS-PL-V150B	1	N	BC	A	1"	GL	SO	SV3-RCS-M6-001 D-4	C	O/C	C	PI	2y		
												STO	CS	CSJ-RCS-2	
												STC	CS	CSJ-RCS-2	
												FST	CS	CSJ-RCS-2	
Reactor Head Vent Valve												RVT	10y		Thermal relief
SV3-RCS-PL-V150C	1	N	B	A	1"	GL	SO	SV3-RCS-M6-001 D-4	C	O/C	C	PI	2y		
												STO	CS	CSJ-RCS-2	
												STC	CS	CSJ-RCS-2	
												FST	CS	CSJ-RCS-2	
Reactor Head Vent Valve															
SV3-RCS-PL-V150D	1	N	B	A	1"	GL	SO	SV3-RCS-M6-001 D-4	C	O/C	C	PI	2y		
												STO	CS	CSJ-RCS-2	
												STC	CS	CSJ-RCS-2	
												FST	CS	CSJ-RCS-2	
Reactor Head Vent Valve															
SV3-RCS-PL-V233	3	N	B	P	2"	GL	MA	SV3-RCS-M6-002 H-3	LO	O	AI	PI	2y		
RV Head Vent to IRWST Isolation Valve															
SV3-RCS-PY-K03	3	N	D	A	10"	RD	SA	SV3-RCS-M6-002 H-8	C	O	NA	RRD	5y		
Safety Valve Discharge Chamber Rupture Disk															
SV3-RCS-PY-K04	3	N	D	A	10"	RD	SA	SV3-RCS-M6-002 F-7	C	O	NA	RRD	5y		
Safety Valve Discharge Chamber Rupture Disk															

VOGTLE UNIT 3

RNS

Valve ID				Valve	Valve	Act.	Drawing	-----Position-----			Required					
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code	Dev.	Plan Notes
SV3-RNS-PL-V001A	1	N	A	A	10"	GA	MO	SV3-RNS-M6-001 F-2	C	C	AI	PI STC/III-3600 III-3300 LT	2RO/3y 2y 2RO/3y 2y			PIV
RNS Suction from RCS Inner Isolation Valve																
SV3-RNS-PL-V001B	1	N	A	A	10"	GA	MO	SV3-RNS-M6-001 D-2	C	C	AI	PI STC/III-3600 III-3300 LT	2RO/3y 2y 2RO/3y 2y			PIV
RNS Suction from RCS Inner Isolation Valve																
SV3-RNS-PL-V002A	1	N	A	A	10"	GA	MO	SV3-RNS-M6-001 F-2	C	C	AI	PI STC/III-3600 III-3300 LT	2RO/3y 2y 2RO/3y 2y			PIV
RNS Suction from RCS Outer Isolation /IC Containment Isolation Valve																
SV3-RNS-PL-V002B	1	N	A	A	10"	GA	MO	SV3-RNS-M6-001 D-2	C	C	AI	PI STC/III-3600 III-3300 LT	2RO/3y 2y 2RO/3y AppJ			PIV
RNS Suction from RCS Outer Isolation /IC Containment Isolation Valve																
SV3-RNS-PL-V003A	1	N	C	A	1"	CK	SA	SV3-RNS-M6-001 G-2	C	C/O	NA	CKC CKOP	CS CS	CSJ-RNS-1 CSJ-RNS-1		Thermal Expansion
RNS PIV Thermal Relief Valve																
SV3-RNS-PL-V003B	1	N	C	A	1"	CK	SA	SV3-RNS-M6-001 D-2	C	C/O	NA	CKC CKOP	CS CS	CSJ-RNS-1 CSJ-RNS-1		Thermal Expansion
RNS PIV Thermal Relief Valve																
SV3-RNS-PL-V011	2	N	A	A	8"	GA	MO	SV3-RNS-M6-001 F-7	C	C	AI	PI STC/III-3600 III-3300 LT	2RO/3y 2y 2RO/3y AppJ			
RNS Discharge Header to Containment OC Containment Isolation Valve																
SV3-RNS-PL-V012	2	N	A	A	1"	GL	MA	SV3-RNS-M6-001 G-7	LC	C/O	AI	ETM LT	2y App J			
Post-Accident Long Term RCS Make-up & Containment Isolation Valve																
SV3-RNS-PL-V013	2	N	AC	A	8"	CK	SA	SV3-RNS-M6-001 F-7	C	C	NA	CKC CKO LT	CS CS App.J	CSJ-RNS-1 CSJ-RNS-1		Thermal Expansion
RNS to Containment IC Containment Isolation Valve																
SV3-RNS-PL-V015A	1	N	AC	A	6"	CK*	SA*	SV3-RNS-M6-001 F-8	C	C/O	NA	CKC CKO LT	CS CS 2y	CSJ-RNS-1 CSJ-RNS-1	*Note 4	Thermal Expansion PIV
RNS to DVI Stop Check Valve																

VOGTLE UNIT 3

RNS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required			
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV3-RNS-PL-V015B	1	N	AC	A	6"	CK*	SA*	SV3-RNS-M6-001 F-8	C	C/O	NA	CKC CKO LT	CS CS 2y	CSJ-RNS-1 CSJ-RNS-1	*Note 4 Thermal Expansion PIV
RNS to DVI Stop Check Valve															
SV3-RNS-PL-V017A	1	N	AC	A	6"	CK	SA	SV3-RNS-M6-001 F-8	C	C/O	NA	CKC CKO LT	CS CS 2y	CSJ-RNS-1 CSJ-RNS-1	Thermal Expansion PIV
RNS to DVI Check Valve															
SV3-RNS-PL-V017B	1	N	AC	A	6"	CK	SA	SV3-RNS-M6-001 F-8	C	C/O	NA	CKC CKO LT	CS CS 2y	CSJ-RNS-1 CSJ-RNS-1	Thermal Expansion PIV
RNS to DVI Check Valve															
SV3-RNS-PL-V020	2	N	AC	A	1"	RV	SA	SV3-RNS-M6-001 G-2	C	O/C	NA	RVT LT	4y/10y App.J		
RNS Suction Relief Valve															
SV3-RNS-PL-V021	2	N	AC	A	3"	RV	SA	SV3-RNS-M6-001 G-2	C	O/C	NA	RVT LT	4y/10y App.J		
RNS Suction Relief Valve															
SV3-RNS-PL-V022	2	N	A	A	10"	GA	MO	SV3-RNS-M6-001 F-3	C	C	AI	PI STC/III-3600 III-3300 LT	2RO/3y 2y 2RO/3y App J		
RNS Suction from RCS OC Containment Isolation Valve															
SV3-RNS-PL-V023	2	N	A	A	10"	GA	MO	SV3-RNS-M6-001 E-3	C	C	AI	PI STC/III-3600 III-3300 LT	2RO/3y 2y 2RO/3y App J		
RNS Suction from IRWST/IC Containment Isolation Valve															
SV3-RNS-PL-V061	2	N	A	A	3"	GL	AO	SV3-RNS-M6-001 G-3	C	C	C	PI STC FST LT	2y Q Q App.J		
CVS Return to RNS Suction/IC Containment Isolation Valve															

VOGTLE UNIT 3

SDS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required			
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV3-SDS-PL-V001	3	N	B	A	3"	BU	MO	SV3-SDS-M6-001 E-5	O	C	AI	PI	2RO/3y		
												STC/III-3600	2y		
MCR SDS (Vent) Isolation Valve												III-3300	2RO/3y		
SV3-SDS-PL-V002	3	N	B	A	3"	BU	MO	SV3-SDS-M6-001 E-5	O	C	AI	PI	2RO/3y		
												STC/III-3600	2y		
MCR SDS (Vent) Isolation Valve												III-3300	2RO/3y		

VOGTLE UNIT 3

SFS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required			
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV3-SFS-PL-V031	3	N	B	P	6"	BU	MA	SV3-SFS-M6-001	LO	O	AI	PI	2y		
Refueling Cavity Drain to S/G 2 Compartment Isolation Valve									F-7						
SV3-SFS-PL-V033	3	N	B	P	2"	PL	MA	SV3-SFS-M6-001	LC	C	AI	PI	2y		
Refueling Cavity Drain to Containment Sump Isolation Valve									E-7						
SV3-SFS-PL-V034	2	N	A	A	6"	BU	MO	SV3-SFS-M6-001	C	C	AI	PI	2RO/3y		
Refueling Cavity/IRWST to SFS IC Containment Iso Valve												STC/III-3600	2y		
												III-3300	2RO/3y		
												LT	App.J		
SV3-SFS-PL-V035	2	N	A	A	6"	BU	MO	SV3-SFS-M6-001	C	C	AI	PI	2RO/3y		
Refueling Cavity/IRWST to SFS OC Containment Iso Valve												STC/III-3600	2y		
												III-3300	2RO/3y		
												LT	App.J		
SV3-SFS-PL-V037	2	N	AC	A	4"	CK	SA	SV3-SFS-M6-001	C	C/O	NA	CKC	Q		
SFS to Refueling Cavity/IRWST IC Containment Iso Valve												CKOP	Q		Thermal Expansion
												LT	App.J		
SV3-SFS-PL-V038	2	N	A	A	4"	BU	MO	SV3-SFS-M6-001	C	C	AI	PI	2RO/3y		
SFS to Refueling Cavity/IRWST OC Containment Iso Valve												STC/III-3600	2y		
												III-3300	2RO/3y		
												LT	App.J		
SV3-SFS-PL-V041	3	N	B	A	6"	BU	MA	SV3-SFS-M6-001	LC	C	AI	ETM	2y		
SFS Cask Loading Pit Suction Isolation Valve									F-1						
SV3-SFS-PL-V066	3	N	B	A	8"	BA	MA	SV3-SFS-M6-001	LC	O/C	AI	ETM	2y		
Spent Fuel Pool Boiloff Makeup Isolation Valve									G-3						
SV3-SFS-PL-V067	2	N	AC	A	1"	RV	SA	SV3-SFS-M6-001	C	O/C	NA	RVT	10y		Thermal Relief
Refueling Cavity/IRWST to SFS Penetration Relief Valve									E-6						
SV3-SFS-PL-V068	3	N	B	A	6"	BU	MA	SV3-SFS-M6-001	LO	O	AI	ETM	2y		
SFS Cask Washdown Pit Drain Isolation Valve									F-2						
SV3-SFS-PL-V071	3	N	C	A	6"	CK	SA	SV3-SFS-M6-001	C	O/C	NA	CKC	RO*		*Note 5
Refueling Cavity Side Drain to S/G 2 Compartment Valve									F-7						
SV3-SFS-PL-V072	3	N	C	A	6"	CK	SA	SV3-SFS-M6-001	C	O/C	NA	CKC	RO*		*Note 5
Refueling Cavity Side Drain to S/G 2 Compartment Valve									F-7/8						
SV3-SFS-PL-V075	3	N	B	P	20"	BU	MA	SV3-SFS-M6-001	LO	O	AI	PI	2y		
SFS Reactor Cavity Post-Accident Containment Flood-up Valve									G-7						

VOGTLE UNIT 3

SGS

Valve ID					Valve	Valve	Act.	Drawing	Position			Required				
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes	
SV3-SGS-PL-V027A	2	N	B	A	12"	GL	MO	SV3-SGS-M6-001 G-4/5	O	C	AI	PI	2RO/3y			
												STC/III-3600	2y			
												III-3300	2RO/3y			
SV3-SGS-PL-V027B	2	N	B	A	12"	GL	MO	SV3-SGS-M6-002 G-5	O	C	AI	PI	2RO/3y			
												STC/III-3600	2y			
												III-3300	2RO/3y			
SV3-SGS-PL-V030A	2	N	C	A	8"	RV	SA	SV3-SGS-M6-001 G-4	C	O/C	NA	RVT	2y/5y		Includes PI	
Main Steam Safety Valve Steam Generator 01																
SV3-SGS-PL-V030B	2	N	C	A	8"	RV	SA	SV3-SGS-M6-002 G-4	C	O/C	NA	RVT	2y/5y		Includes PI	
Main Steam Safety Valve Steam Generator 02																
SV3-SGS-PL-V031A	2	N	C	A	8"	RV	SA	SV3-SGS-M6-001 G-3	C	O/C	NA	RVT	2y/5y		Includes PI	
Main Steam Safety Valve Steam Generator 01																
SV3-SGS-PL-V031B	2	N	C	A	8"	RV	SA	SV3-SGS-M6-002 G-3	C	O/C	NA	RVT	2y/5y		Includes PI	
Main Steam Safety Valve Steam Generator 02																
SV3-SGS-PL-V032A	2	N	C	A	8"	RV	SA	SV3-SGS-M6-001 G-3	C	O/C	NA	RVT	2y/5y		Includes PI	
Main Steam Safety Valve Steam Generator 01																
SV3-SGS-PL-V032B	2	N	C	A	8"	RV	SA	SV3-SGS-M6-002 G-3	C	O/C	NA	RVT	2y/5y		Includes PI	
Main Steam Safety Valve Steam Generator 02																
SV3-SGS-PL-V033A	2	N	C	A	8"	RV	SA	SV3-SGS-M6-001 G-3	C	O/C	NA	RVT	2y/5y		Includes PI	
Main Steam Safety Valve Steam Generator 01																
SV3-SGS-PL-V033B	2	N	C	A	8"	RV	SA	SV3-SGS-M6-002 G-3	C	O/C	NA	RVT	2y/5y		Includes PI	
Main Steam Safety Valve Steam Generator 02																
SV3-SGS-PL-V034A	2	N	C	A	8"	RV	SA	SV3-SGS-M6-001 G-2	C	O/C	NA	RVT	2y/5y		Includes PI	
Main Steam Safety Valve Steam Generator 01																
SV3-SGS-PL-V034B	2	N	C	A	8"	RV	SA	SV3-SGS-M6-002 G-2	C	O/C	NA	RVT	2y/5y		Includes PI	
Main Steam Safety Valve Steam Generator 02																
SV3-SGS-PL-V035A	2	N	C	A	8"	RV	SA	SV3-SGS-M6-001 G-2	C	O/C	NA	RVT	2y/5y		Includes PI	
Main Steam Safety Valve Steam Generator 01																
SV3-SGS-PL-V035B	2	N	C	A	8"	RV	SA	SV3-SGS-M6-002 G-2	C	O/C	NA	RVT	2y/5y		Includes PI	
Main Steam Safety Valve Steam Generator 02																
SV3-SGS-PL-V036A	2	N	B	A	2"	GL	AO	SV3-SGS-M6-001 G-3	O	C	C	PI	2y			
												STC	Q			
												FST	Q			
Steam Line Condensate Drain Isolation																

VOGTLE UNIT 3

SGS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required				
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes	
SV3-SGS-PL-V036B	2	N	B	A	2"	GL	AO	SV3-SGS-M6-002 G-3	O	C	C	PI STC FST	2y Q Q			
Steam Line Condensate Drain Isolation																
SV3-SGS-PL-V040A	2	N	B	A	38"	GA	PH	SV3-SGS-M6-001 G-1	O	C	C	PI STC FST	2y CS CS	CSJ-SGS-1	CSJ-SGS-1	
Main Steam Line Isolation																
SV3-SGS-PL-V040B	2	N	B	A	38"	GA	PH	SV3-SGS-M6-002 G-1	O	C	C	PI STC FST	2y CS CS	CSJ-SGS-1	CSJ-SGS-1	
Main Steam Line Isolation																
SV3-SGS-PL-V057A	2	N	B	A	20"	GA	PH	SV3-SGS-M6-001 E-4	O	C	C	PI STC FST	2y CS CS	CSJ-SGS-1	CSJ-SGS-1	
Main Feedwater Line Isolation																
SV3-SGS-PL-V057B	2	N	B	A	20"	GA	PH	SV3-SGS-M6-002 E-4	O	C	C	PI STC FST	2y CS CS	CSJ-SGS-1	CSJ-SGS-1	
Main Feedwater Line Isolation																
SV3-SGS-PL-V058A	2	N	C	A	20"	CK	SA	SV3-SGS-M6-001 E-5	O	C/O	NA	CKC CKOP	CS CS	CSJ-SGS-2	CSJ-SGS-2	
SG 1 Main Feed Check Valve																
SV3-SGS-PL-V058B	2	N	C	A	20"	CK	SA	SV3-SGS-M6-002 E-5	O	C/O	NA	CKC CKOP	CS CS	CSJ-SGS-2	CSJ-SGS-2	
SG 2 Main Feed Check Valve																
SV3-SGS-PL-V067A	2	N	B	A	6"	GA	MO	SV3-SGS-M6-001 D-5	O	C	AI	PI STC/III-3600 III-3300	2RO/3y 2y 2RO/3y			
Startup Feedwater Isolation																
SV3-SGS-PL-V067B	2	N	B	A	6"	GA	MO	SV3-SGS-M6-002 D-5	O	C	AI	PI STC/III-3600 III-3300	2RO/3y 2y 2RO/3y			
Startup Feedwater Isolation																
SV3-SGS-PL-V074A	2	N	B	A	4"	GL	AO	SV3-SGS-M6-001 C-5	O	C	C	PI STC FST	2y Q Q			
SG 1 Blowdown Isolation Valve																
SV3-SGS-PL-V074B	2	N	B	A	4"	GL	AO	SV3-SGS-M6-002 C-5	O	C	C	PI STC FST	2y Q Q			
SG 2 Blowdown Isolation Valve																
SV3-SGS-PL-V075A	3	N	B	A	4"	GL	AO	SV3-SGS-M6-001 C-5	O	C	C	PI STC FST	2y Q Q			
SG 1 Blowdown Isolation Valve																

VOGTLE UNIT 3

SGS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required			
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV3-SGS-PL-V075B	3	N	B	A	4"	GL	AO	SV3-SGS-M6-002 C-5	O	C	C	PI STC FST	2y Q Q		
SG 2 Blowdown Isolation Valve															
SV3-SGS-PL-V086A	3	N	B	A	2"	GL	AO	SV3-SGS-M6-001 F-3	C	C	C	PI STC FST	2y Q Q		
SG 1 Steam Line Drain Level Control															
SV3-SGS-PL-V086B	3	N	B	A	2"	GL	AO	SV3-SGS-M6-002 F-3	C	C	C	PI STC FST	2y Q Q		
SG 2 Steam Line Drain Level Control															
SV3-SGS-PL-V233A	3	N	B	A	12"	GL	AO	SV3-SGS-M6-001 H-4/5	C	C	C	PI STC FST LT	2y RO RO 2y		Per I-8200
SG1 Steam Line Power Operated Relief Valve															
SV3-SGS-PL-V233B	3	N	B	A	12"	GL	AO	SV3-SGS-M6-002 H-5	C	C	C	PI STC FST LT	2y RO RO 2y		Per I-8200
SG2 Steam Line Power Operated Relief Valve															
SV3-SGS-PL-V240A	2	N	B	A	3"	GL	AO	SV3-SGS-M6-001 G-1	C	C	C	PI STC FST	2y Q Q		
SG 1 MSIV Bypass															
SV3-SGS-PL-V240B	2	N	B	A	3"	GL	AO	SV3-SGS-M6-002 G-1	C	C	C	PI STC FST	2y Q Q		
SG 2 MSIV Bypass															
SV3-SGS-PL-V250A	3	N	B	A	20"	GL	AO	SV3-SGS-M6-001 E-2/3	O	C	C	PI STC FST	2y CS CS	CSJ-SGS-1	
Main Feedwater Control Valve															
SV3-SGS-PL-V250B	3	N	B	A	20"	GL	AO	SV3-SGS-M6-002 E-2/3	O	C	C	PI STC FST	2y CS CS	CSJ-SGS-1	
Main Feedwater Control Valve															
SV3-SGS-PL-V255A	3	N	B	A	6"	GL	AO	SV3-SGS-M6-001 D-4	C	C	C	PI STC FST	2y Q Q		
Startup Feedwater Control Valve															
SV3-SGS-PL-V255B	3	N	B	A	6"	GL	AO	SV3-SGS-M6-002 D-4	C	C	C	PI STC FST	2y Q Q		
Startup Feedwater Control Valve															

VOGTLE UNIT 3

SGS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required			
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV3-SGS-PL-V256A	3	N	C	A	6"	CK	SA	SV3-SGS-M6-001	C	O	NA	CKC	Q		
SG 1 Startup Feed Check Valve								D-4				CKOP	Q		Thermal Expansion
SV3-SGS-PL-V256B	3	N	C	A	6"	CK	SA	SV3-SGS-M6-002	C	O	NA	CKC	Q		
SG 2 Startup Feed Check Valve								D-4				CKOP	Q		Thermal Expansion
SV3-SGS-PL-V257A	3	N	C	A	1"	RV	SA	SV3-SGS-M6-001	C	O	NA	RVT	10y		Thermal Relief
Main Feedwater Thermal Relief								E-4							
SV3-SGS-PL-V257B	3	N	C	A	1"	RV	SA	SV3-SGS-M6-002	C	O	NA	RVT	10y		Thermal Relief
Main Feedwater Thermal Relief								E-4							
SV3-SGS-PL-V258A	3	N	C	A	1"	RV	SA	SV3-SGS-M6-001	C	O	NA	RVT	10y		Thermal Relief
Startup Feedwater Thermal Relief								D-4							
SV3-SGS-PL-V258B	3	N	C	A	1"	RV	SA	SV3-SGS-M6-002	C	O	NA	RVT	10y		Thermal Relief
Startup Feedwater Thermal Relief								D-4							

VOGTLE UNIT 3

VBS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required			
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV3-VBS-PL-V186	3	N	B	A	28"	BU	MO	SV3-VBS-M6-007 F-6	O	C	AI	PI	2RO/3y		
MCR Supply Air Isolation Valve												STC/III-3600	2y		
SV3-VBS-PL-V187	3	N	B	A	28"	BU	MO	SV3-VBS-M6-007 F-6	O	C	AI	PI	2RO/3y		
MCR Supply Air Isolation Valve												STC/III-3600	2y		
SV3-VBS-PL-V188	3	N	B	A	28"	BU	MO	SV3-VBS-M6-007 C-7	O	C	AI	PI	2RO/3y		
MCR Return Air Isolation Valve												STC/III-3600	2y		
SV3-VBS-PL-V189	3	N	B	A	28"	BU	MO	SV3-VBS-M6-007 C-6	O	C	AI	PI	2RO/3y		
MCR Return Air Isolation Valve												STC/III-3600	2y		
SV3-VBS-PL-V190	3	N	B	A	6"	BU	MO	SV3-VBS-M6-007 C-3	O	C	AI	PI	2RO/3y		
MCR Toilet Exhaust Isolation Valve												STC/III-3600	2y		
SV3-VBS-PL-V191	3	N	B	A	6"	BU	MO	SV3-VBS-M6-007 C-3	O	C	AI	PI	2RO/3y		
MCR Toilet Exhaust Isolation Valve												STC/III-3600	2y		
MCR Toilet Exhaust Isolation Valve												III-3300	2RO/3y		

VOGTLE UNIT 3

VES

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required			
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV3-VES-PL-V001	3	N	B	A	1"	GL	MA	SV3-VES-M6-002	C	O/C	AI	ETM	2y		
Air Delivery Isolation Valve															
SV3-VES-PL-V005A	3	N	B	A	1"	GL	SO	SV3-VES-M6-002	C	O	O	PI	2y		
												STO	Q		
												FST	Q		
Air Delivery Isolation Valve A															
SV3-VES-PL-V005B	3	N	B	A	1"	GL	SO	SV3-VES-M6-002	C	O	O	PI	2y		
												STO	Q		
												FST	Q		
Air Delivery Isolation Valve B															
SV3-VES-PL-V018	3	N	B	A	1"	GL	MA	SV3-VES-M6-002	C	O/C	AI	ETM	2y		
Temporary Instrmentation Isolation Valve															
SV3-VES-PL-V019	3	N	B	A	1"	GL	MA	SV3-VES-M6-002	C	O/C	AI	ETM	2y		
Temporary Instrmentation Isolation Valve															
SV3-VES-PL-V022A	3	N	B	A	4"	BU	AO	SV3-VES-M6-002	C	O	O	PI	2y		
												STO	Q		
												FST	Q		
Pressure Relief Isolation Valve A															
SV3-VES-PL-V022B	3	N	B	A	4"	BU	AO	SV3-VES-M6-002	C	O	O	PI	2y		
												STO	Q		
												FST	Q		
Pressure Relief Isolation Valve B															
SV3-VES-PL-V040A	3	N	C	A	1"	RV	SA	SV3-VES-M6-001	C	O/C	NA	RVT	4y10y		
Air Tank Safety Relief Valve A															
SV3-VES-PL-V040B	3	N	C	A	1"	RV	SA	SV3-VES-M6-001	C	O/C	NA	RVT	4y10y		
Air Tank Safety Relief Valve B															
SV3-VES-PL-V040C	3	N	C	A	1"	RV	SA	SV3-VES-M6-001	C	O/C	NA	RVT	4y10y		
Air Tank Safety Relief Valve C															
SV3-VES-PL-V040D	3	N	C	A	1"	RV	SA	SV3-VES-M6-001	C	O/C	NA	RVT	4y10y		
Air Tank Safety Relief Valve D															
SV3-VES-PL-V044	3	N	B	A	1"	GL	MA	SV3-VES-M6-002	LO	O/C	AI	ETM	2y		
Main Air Flowpath Isolation Valve															
SV3-VES-PL-V045	3	N	B	A	1"	GL	MA	SV3-VES-M6-002	LO	O/C	AI	ETM	2y		
Eductor Supply Isolation Valve															
SV3-VES-PL-V046	3	N	B	A	1"	GL	MA	SV3-VES-M6-002	C	C/O	AI	ETM	2y		
Eductor Bypass Isolation Valve															

VOGTLE UNIT 3

VFS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required				
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code	Dev.	Plan Notes
SV3-VFS-PL-V003	2	N	A	A	16"	BU	AO	SV3-VFS-M6-001 B-4	C	C	C	PI	2y			
												STC	Q			
												FST	Q			
Containment Purge Inlet Containment Isol - ORC												LT	App.J			
SV3-VFS-PL-V004	2	N	A	A	16"	BU	AO	SV3-VFS-M6-001 B-3	C	C	C	PI	2y			
												STC	Q			
												FST	Q			
Containment Purge Inlet Containment Isol - IRC												LT	App.J			
SV3-VFS-PL-V009	2	N	A	A	16"	BU	AO	SV3-VFS-M6-001 D-8	C	C	C	PI	2y			
												STC	Q			
												FST	Q			
Containment Purge Discharge Containment Isol - IRC												LT	App.J			
SV3-VFS-PL-V010	2	N	A	A	16"	BU	AO	SV3-VFS-M6-001 D-7	C	C	C	PI	2y			
												STC	Q			
												FST	Q			
Containment Purge Discharge Containment Isol - ORC												LT	App.J			
SV3-VFS-PL-V800A	2	N	A	A	6"	BU	MO	SV3-VFS-M6-001 E-7	C	C/O	AI	PI	2RO/3y			
												STC/III-3600	2y			
												STO/III-3600	2y			
												III-3300	2RO/3y			
Containment Vacuum Relief Isolation Valve A - ORC												LT	App.J			
SV3-VFS-PL-V800B	2	N	A	A	6"	BU	MO	SV3-VFS-M6-001 E-7	C	C/O	AI	PI	2RO/3y			
												STC/III-3600	2y			
												STO/III-3600	2y			
												III-3300	2RO/3y			
Containment Vacuum Relief Isolation Valve B - ORC												LT	App.J			
SV3-VFS-PL-V803A	2	N	AC	A	6"	VB	SA	SV3-VFS-M6-001 E-7	C	O/C	NA	VB	2y			
Containment Vacuum Relief Valve A - IRC												LT	App.J			
SV3-VFS-PL-V803B	2	N	AC	A	6"	VB	SA	SV3-VFS-M6-001 E-7	C	O/C	NA	VB	2y			
Containment Vacuum Relief Valve B - IRC												LT	App.J			

VOGTLE UNIT 3

VWS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required				
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes	
SV3-VWS-PL-V053	3	N	C	A	2"	RV	SA	SV3-VWS-M6-003	C	O	NA	RVT	10y		Thermal Relief	
Ctmt Cooling Unit Supply Hdr Relief																
								B-6								
SV3-VWS-PL-V057	3	N	C	A	2"	RV	SA	SV3-VWS-M6-003	C	O	NA	RVT	10y		Thermal Relief	
Ctmt Cooling Unit Return Hdr Relief																
								H-4								
SV3-VWS-PL-V058	2	N	A	A	8"	BU	AO	SV3-VWS-M6-003	O	C	C	PI	2y			
												STC	Q			
												FST	Q			
Chilled Water Inlet Containment Isol Valve												LT	App.J			
SV3-VWS-PL-V062	2	N	AC	A	8"	CK	SA	SV3-VWS-M6-003	O	C/O	NA	CKC	CS	CSJ-VWS-1		
												CKOP	CS	CSJ-VWS-1	Thermal Expansion	
Fan Coolers Supply IC Isol Check Valve												LT	App.J			
								B-6								
SV3-VWS-PL-V080	2	N	AC	A	1"	RV	SA	SV3-VWS-M6-003	C	O/C	NA	RVT	10y		Thermal Relief	
Ctmt Cooling Unit Return CIV Relief																
								H-4				LT	App.J			
SV3-VWS-PL-V082	2	N	A	A	8"	BU	AO	SV3-VWS-M6-003	O	C	C	PI	2y			
												STC	Q			
												FST	Q			
Chilled Water Outlet Containment Isolation Valve												LT	App.J			
								G-4								
SV3-VWS-PL-V086	2	N	A	A	8"	BU	AO	SV3-VWS-M6-003	O	C	C	PI	2y			
												STC	Q			
												FST	Q			
Chilled Water Outlet Containment Isolation Valve												LT	App.J			
								G-3								

VOGTLE UNIT 3

WLS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----	Required					
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV3-WLS-PL-V055	2	N	A	A	2"	PL	AO	SV3-WLS-M6-001 C-4	C	C	C	PI STC FST LT	2y Q Q App.J		
Containment Sump Discharge CIV - IRC															
SV3-WLS-PL-V057	2	N	A	A	2"	PL	AO	SV3-WLS-M6-001 C-3	C	C	C	PI STC FST LT	2y Q Q App.J		
Containment Sump Discharge CIV - ORC															
SV3-WLS-PL-V058	2	N	AC	A	1"	RV	SA	SV3-WLS-M6-001 C-4	C	O/C	NA	RVT LT	10y App.J		Thermal Relief
Containment Sump Discharge Penetration Thermal Relief															
SV3-WLS-PL-V067	2	N	A	A	1"	GL	AO	SV3-WLS-M6-001 E-3	C	C	C	PI STC FST LT	2y Q Q App.J		
RCDT Gas Outlet CIV - IRC															
SV3-WLS-PL-V068	2	N	A	A	1"	GL	AO	SV3-WLS-M6-001 E-3	C	C	C	PI STC FST LT	2y Q Q App.J		
RCDT Gas Outlet CIV - ORC															
SV3-WLS-PL-V071A	3	N	C	A	4"	CK	SA	SV3-WLS-M6-001 C-8	C	C/O	NA	CKC CKO	CS CS	CSJ-WLS-1	CSJ-WLS-1
CVS Compt Floor Drain Check															
SV3-WLS-PL-V071B	3	N	C	A	4"	CK	SA	SV3-WLS-M6-001 G-8	C	C/O	NA	CKC CKO	CS CS	CSJ-WLS-1	CSJ-WLS-1
PXS Compt A Floor Drain Check															
SV3-WLS-PL-V071C	3	N	C	A	4"	CK	SA	SV3-WLS-M6-001 G-8	C	C/O	NA	CKC CKO	CS CS	CSJ-WLS-1	CSJ-WLS-1
PXS Compt B Floor Drain Check															
SV3-WLS-PL-V072A	3	N	C	A	4"	CK	SA	SV3-WLS-M6-001 C-7	C	C/O	NA	CKC CKO	CS CS	CSJ-WLS-1	CSJ-WLS-1
CVS Compt Floor Drain Check															
SV3-WLS-PL-V072B	3	N	C	A	4"	CK	SA	SV3-WLS-M6-001 G-8	C	C/O	NA	CKC CKO	CS CS	CSJ-WLS-1	CSJ-WLS-1
PXS Compt A Floor Drain Check															
SV3-WLS-PL-V072C	3	N	C	A	4"	CK	SA	SV3-WLS-M6-001 G-8	C	C/O	NA	CKC CKO	CS CS	CSJ-WLS-1	CSJ-WLS-1
PXS Compt B Floor Drain Check															

8.0 VEGP-4 VALVE TABLES

VOGTLE UNIT 4

CAS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required			
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV4-CAS-PL-V014	2	N	A	A	2"	BA	AO	SV4-CAS-M6-005 F-3	O	C	C	PI STC FST LT	2y RO RO App.J	ROJ-CAS-1 ROJ-CAS-1	
Instrument Air Containment Isolation Valve															
SV4-CAS-PL-V015	2	N	AC	A	2"	CK	SA	SV4-CAS-M6-005 F-4	O	C/O	NA	CKC CKOP LT	RO RO App.J	ROJ-CAS-1 ROJ-CAS-1	Thermal Expansion
Instrument Air Containment Isolation Check Valve															
SV4-CAS-PL-V204	2	N	A	P	3"	BA	MA	SV4-CAS-M6-012 E-5	LC	C	AI	LT	App.J		
Service Air Containment Isolation Valve															
SV4-CAS-PL-V205	2	N	AC	A	3"	CK	SA	SV4-CAS-M6-012 E-4	C	C/O	NA	CKC CKOP LT	CS CS App.J	CSJ-CAS-1 CSJ-CAS-1	Thermal Expansion
Service Air Containment Isolation Check Valve															

VOGTLE UNIT 4

CCS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required				
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code	Dev.	Plan Notes
SV4-CCS-PL-V200	2	N	A	A	10"	BU	MO	SV4-CCS-M6-002 H-2	O	C	AI	PI	2RO/3y			
												STC/III-3600	2y			
												III-3300	2RO/3y			
Cooling Water Supply Ctmt Isol - ORC												LT	App.J			
SV4-CCS-PL-V201	2	N	AC	A	10"	CK	SA	SV4-CCS-M6-002 H-2	O	C/O	NA	CKC	RO	ROJ-CCS-1		
												CKOP	RO	ROJ-CCS-1		Thermal Expansion
Cooling Water Ctmt Supply Check												LT	App.J			
SV4-CCS-PL-V207	2	N	A	A	10"	BU	MO	SV4-CCS-M6-002 B-2	O	C	AI	PI	2RO/3y			
												STC/III-3600	2y			
												III-3300	2RO/3y			
Cooling Water Return Ctmt Isol - IRC												LT	App.J			
SV4-CCS-PL-V208	2	N	A	A	10"	BU	MO	SV4-CCS-M6-002 B-1	O	C	AI	PI	2RO/3y			
												STC/III-3600	2y			
												III-3300	2RO/3y			
Cooling Water Returny Ctmt Isol - ORC												LT	App.J			
SV4-CCS-PL-V220	2	N	AC	A	1"	RV	SA	SV4-CCS-M6-002 C-2	C	O/C	NA	RVT	10y			Thermal Relief
Ctmt Return CIV Thermal Relief												LT	App.J			
SV4-CCS-PL-V270	3	N	C	A	4"	RV	SA	SV4-CCS-M6-002 H-2	C	O	NA	RVT	4y/10y			
CCS Supply Line to Ctmt Safety/Relief																
SV4-CCS-PL-V271	3	N	C	A	4"	RV	SA	SV4-CCS-M6-002 C-2	C	O	NA	RVT	4y/10y			
CCS Return Line to Ctmt Safety/Relief																

VOGTLE UNIT 4

CVS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----	Required					
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV4-CVS-PL-V001	1	N	B	A	3"	GA	MO	SV4-CVS-M6-001 G-8	O	C	AI	PI	2RO/3y		
CVS Purification Stop Valve												STC/III-3300	2y		
SV4-CVS-PL-V002	1	N	B	A	3"	GA	MO	SV4-CVS-M6-001 G-7	O	C	AI	PI	2RO/3y		
CVS Purification Stop Valve												STC/III-3300	2y		
SV4-CVS-PL-V003	3	N	B	A	3"	GL	MO	SV4-CVS-M6-001 G-7	O	C	AI	PI	2RO/3y		
CVS Purification Stop Valve												STC/III-3300	2y		
SV4-CVS-PL-V040	2	N	A	P	2"	BA	MA	SV4-CVS-M6-005 F-4	LC	C	AI	LT	App.J		
Resin Flush IRC Isolation Valve															
SV4-CVS-PL-V041	2	N	A	P	2"	BA	MA	SV4-CVS-M6-005 F-4	LC	C	AI	LT	App.J		
Resin Flush ORC Isolation Valve															
SV4-CVS-PL-V042	2	N	AC	A	1"	RV	SA	SV4-CVS-M6-005 G-4	C	O/C	NA	RVT	10y		Thermal Relief
Flush Line Containment Isolation Relief Valve												LT	App.J		
SV4-CVS-PL-V045	2	N	A	A	2"	GL	AO	SV4-CVS-M6-005 D-4	C	C	C	PI	2y		
Letdown Line Inside Containment Isolation Valve												STC	Q		
												FST	Q		
												LT	App.J		
SV4-CVS-PL-V047	2	N	A	A	2"	GL	AO	SV4-CVS-M6-005 D-2	C	C	C	PI	2y		
Letdown Line Outside Containment Isolation Valve												STC	Q		
												FST	Q		
												LT	App.J		
SV4-CVS-PL-V058	2	N	AC	A	1"	RV	SA	SV4-CVS-M6-005 E-4	C	O/C	NA	RVT	10y		Thermal Relief
Letdown Line to De-gassifier Containment Isolation Thermal Relief Valve												LT	App.J		
SV4-CVS-PL-V064	N	N	C	A	3"	CK	SA	SV4-CVS-M6-005 C-5	C	O	NA	CKOP	CS	CSJ-CVS-2	Thermal Expansion
Make-up Discharge Header Check Valve												CKC	CS	CSJ-CVS-2	
SV4-CVS-PL-V067	1	N	C	A	1"	CK	SA	SV4-CVS-M6-001 F-7	O	C/O	NA	CKOP	CS	CSJ-CVS-1	Thermal Expansion
Make-up Return Line Spring-Assisted Check Valve												CKC	CS	CSJ-CVS-1	
SV4-CVS-PL-V080	3	N	C	A	3"	CK	SA	SV4-CVS-M6-001 G-7	O	C/O	NA	CKOP	CS	CSJ-CVS-1	Thermal Expansion
Regen HX Shell Side Outlet Check Valve												CKC	CS	CSJ-CVS-1	
SV4-CVS-PL-V081	1	N	BC	A	3"	SC	AO	SV4-CVS-M6-001 G-7	O	C	NA	CKOP	CS	CSJ-CVS-1	
Purification Return Line Stop Check Valve												CKC	CS	CSJ-CVS-1	
SV4-CVS-PL-V082	1	N	C	A	3"	CK	SA	SV4-CVS-M6-001 G-8	O	C/O	NA	CKOP	CS	CSJ-CVS-1	Thermal Expansion
RCS Purification Return Line Check Valve												CKC	CS	CSJ-CVS-1	

VOGTLE UNIT 4

CVS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required			
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV4-CVS-PL-V084	1	N	B	A	2"	GL	AO	SV4-CVS-M6-001 F-7	C	C	C	PI STC FST	2y RO RO	ROJ-CVS-1 ROJ-CVS-1	
Auxiliary Pressurizer Spray Line Isolation Valve															
SV4-CVS-PL-V085	1	N	C	A	2"	CK	SA	SV4-CVS-M6-001 F-8	C	C/O	NA	CKC CKOP	RO RO	ROJ-CVS-1 ROJ-CVS-1	Thermal Expansion
Auxiliary Pressurizer Spray Line Check Valve															
SV4-CVS-PL-V090	2	N	A	A	3"	GA	MO	SV4-CVS-M6-005 C-2	O	C	AI	PI STC/III-3600 III-3300 LT	2RO/3y 2y 2RO/3y App.J		
Makeup Line Outside Containment Isolation Valve															
SV4-CVS-PL-V091	2	N	A	A	3"	GA	MO	SV4-CVS-M6-005 C-4	O	C	AI	PI STC/III-3600 III-3300 LT	2RO/3y 2y 2RO/3y App.J		
Makeup Line Inside Containment Isolation Valve															
SV4-CVS-PL-V092	2	N	A	A	1"	GL	AO	SV4-CVS-M6-003 F-6	O	C	C	PI STC FST LT	2y Q Q App.J		
Zinc Injection Containment Isolation Valve ORC															
SV4-CVS-PL-V094	2	N	A	A	1"	GL	AO	SV4-CVS-M6-003 F-7	O	C	C	PI STC FST LT	2y Q Q App.J		
Zinc Injection Containment Isolation Valve IRC															
SV4-CVS-PL-V098	2	N	AC	A	1"	RV	SA	SV4-CVS-M6-003 F-6	C	O/C	NA	RVT LT	10y App.J		Thermal Relief
Zinc Injection Cmtt Isol Thermal Relief Valve															
SV4-CVS-PL-V100	2	N	AC	A	1"	CK	SA	SV4-CVS-M6-005 B-4	C	C/O	NA	CKC CKOP LT	CS CS App.J	CSJ-CVS-2 CSJ-CVS-2	Thermal Expansion
Makeup Line Containment Isolation Relief															
SV4-CVS-PL-V136A	3	N	B	A	3"	BU	AO	SV4-CVS-M6-004 C-4	C	C	C	PI STC FST	2y Q Q		
Demineralized Water System Isolation Valve															
SV4-CVS-PL-V136B	3	N	B	A	3"	BU	AO	SV4-CVS-M6-004 C-4	C	C	C	PI STC FST	2y Q Q		
Demineralized Water System Isolation Valve															
SV4-CVS-PL-V217	2	N	AC	A	1/2"	CK	SA	SV4-CVS-M6-003 D-7	O	C/O	NA	CKC CKOP LT	Q Q App.J		Thermal Expansion
Hydrogen Injection Containment Isolation Check Valve IRC															

VOGTLE UNIT 4

CVS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required				
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes	
SV4-CVS-PL-V219	2	N	A	A	1/2"	GL	AO	SV4-CVS-M6-003 D-6	O	C	C	PI	2y			
												STC	Q			
												FST	Q			
Zinc Injection Containment Isolation Valve IRC												LT	App.J			

VOGTLE UNIT 4

DWS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required				
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes	
SV4-DWS-PL-V241	3	N	C	A	1"	RV	SA	SV4-DWS-M6-007	C	O	NA	RVT	10y		Thermal Relief	
Demin Water Supply to Containment Relief								E-5								
SV4-DWS-PL-V244	2	N	A	P	3"	BU	MA	SV4-DWS-M6-007	LC	C	AI	LT	App.J			
Demin Water Supply Containment Isolation Valve - Outside								E-6								
SV4-DWS-PL-V245	2	N	AC	A	2"	CK	SA	SV4-DWS-M6-007	C	C/O	NA	CKC	CS	CSJ-DWS-1		
								E-6				CKOP	CS	CSJ-DWS-1	Thermal Expansion	
Demin Water Supply Containment Isolation Check Valve - IRC												LT	App.J			

VOGTLE UNIT 4

FHS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required			
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV4-FHS-PL-V001	3	N	B	A	30"	GA	MA	SV4-SFS-M6-012	C	C	AI	ETM	2y		
Fuel Transfer Tube Isolation Valve									F-6						

VOGTLE UNIT 4

FPS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required			
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV4-FPS-PL-V050	2	N	A	P	6"	BU	MA	SV4-FPS-M6-004	LC	C	AI	LT	App.J		
Fire Water Containment Supply Isolation									F-4						
SV4-FPS-PL-V052	2	N	AC	A	6"	CK	SA	SV4-FPS-M6-004	C	C/O	NA	CKC	CS	CSJ-FPS-1	
Fire Water Supply Ctmt Isol Check Valve - IRC									F-5			CKOP	CS	CSJ-FPS-1	Thermal Expansion
												LT	App.J		
SV4-FPS-PL-V702	3	N	C	A	1"	RV	SA	SV4-FPS-M6-004	C	O	NA	RVT	10y		Thermal Relief
Fire Water Supply IC Thermal Relief									F/G-5						

VOGTLE UNIT 4

MSS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required			
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV4-MSS-PL-V001	N	Y	B	A	16"	GL	AO	SV4-MSS-M6-001 H-8	C	C	C	PI STC FST	2y Q Q		
Turbine Bypass Control Valve															
SV4-MSS-PL-V002	N	Y	B	A	16"	GL	AO	SV4-MSS-M6-001 H-7	C	C	C	PI STC FST	2y Q Q		
Turbine Bypass Control Valve															
SV4-MSS-PL-V003	N	Y	B	A	16"	GL	AO	SV4-MSS-M6-001 H-6	C	C	C	PI STC FST	2y Q Q		
Turbine Bypass Control Valve															
SV4-MSS-PL-V004	N	Y	B	A	16"	GL	AO	SV4-MSS-M6-001 H-4	C	C	C	PI STC FST	2y Q Q		
Turbine Bypass Control Valve															
SV4-MSS-PL-V005	N	Y	B	A	16"	GL	AO	SV4-MSS-M6-001 H-3	C	C	C	PI STC FST	2y Q Q		
Turbine Bypass Control Valve															
SV4-MSS-PL-V006	N	Y	B	A	16"	GL	AO	SV4-MSS-M6-001 H-2	C	C	C	PI STC FST	2y Q Q		
Turbine Bypass Control Valve															
SV4-MSS-PL-V015A	N	Y	B	A	10"	GL	AO	SV4-MSS-M6-001 B-6	O	C	C	PI STC FST	2y CS CS		CSJ-MSS-1 CSJ-MSS-1
MSR 2 nd Stage Reheat Steam AO Isolation Valve															
SV4-MSS-PL-V015B	N	Y	B	A	10"	GL	AO	SV4-MSS-M6-001 G-6	O	C	C	PI STC FST	2y CS CS		CSJ-MSS-1 CSJ-MSS-1
MSR 2 nd Stage Reheat Steam AO Isolation Valve															

VOGTLE UNIT 4

MTS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required			
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV4-MTS-PL-V001A	N	Y	B	A	28"	GL	EH	SV4-MTS-M6-002 F-6	O	C	C	PI STC FST	2y Q Q		
Main Stop Valve #1															
SV4-MTS-PL-V001B	N	Y	B	A	28"	GL	EH	SV4-MTS-M6-002 C-6	O	C	C	PI STC FST	2y Q Q		
Main Stop Valve #3															
SV4-MTS-PL-V002A	N	Y	B	A	28"	GL	EH	SV4-MTS-M6-002 F-6	O	C	C	PI STC FST	2y Q Q		
Control Valve #1															
SV4-MTS-PL-V002B	N	Y	B	A	28"	GL	EH	SV4-MTS-M6-002 C-6	O	C	C	PI STC FST	2y Q Q		
Control Valve #3															
SV4-MTS-PL-V003A	N	Y	B	A	28"	GL	EH	SV4-MTS-M6-002 E-6	O	C	C	PI STC FST	2y Q Q		
Main Stop Valve #2															
SV4-MTS-PL-V003B	N	Y	B	A	28"	GL	EH	SV4-MTS-M6-002 D-6	O	C	C	PI STC FST	2y Q Q		
Main Stop Valve #4															
SV4-MTS-PL-V004A	N	Y	B	A	28"	GL	EH	SV4-MTS-M6-002 E-6	O	C	C	PI STC FST	2y Q Q		
Control Valve #2															
SV4-MTS-PL-V004B	N	Y	B	A	28"	GL	EH	SV4-MTS-M6-002 D-6	O	C	C	PI STC FST	2y Q Q		
Control Valve #4															

VOGTLE UNIT 4

PCS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required				
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan	Notes
SV4-PCS-PL-V001A	3	N	B	A	6"	BU	AO	SV4-PCS-M6-001 E-4	C	O	O	PI STO FST	2y Q Q			
PCS Actuation Valve A																
SV4-PCS-PL-V001B	3	N	B	A	6"	BU	AO	SV4-PCS-M6-001 E-6	C	O	O	PI STO FST	2y Q Q			
PCS Actuation Valve B																
SV4-PCS-PL-V001C	3	N	B	A	6"	GA	MO	SV4-PCS-M6-001 E-5	C	O	AI	PI STO/III-3600 III-3300	2RO/3y Q 2RO/3y			
PCS Actuation Valve C																
SV4-PCS-PL-V002A	3	N	B	A	6"	GA	MO	SV4-PCS-M6-001 E-4	O	O	AI	PI STO/III-3600 III-3300	2RO/3y 2y 2RO/3y			
PCS Isolation Valve A																
SV4-PCS-PL-V002B	3	N	B	A	6"	GA	MO	SV4-PCS-M6-001 E-6	O	O	AI	PI STO/III-3600 III-3300	2RO/3y 2y 2RO/3y			
PCS Isolation Valve B																
SV4-PCS-PL-V002C	3	N	B	A	6"	GA	MO	SV4-PCS-M6-001 E-5	O	O	AI	PI STO/III-3600 III-3300	2RO/3y 2y 2RO/3y			
PCS Isolation Valve C																
SV4-PCS-PL-V005	3	N	B	A	4"	GA	MA	SV4-PCS-M6-002 G-5	O	C	AI	ETM	2y			
PCS to DWS/FPS Iso Valve																
SV4-PCS-PL-V009	3	N	B	A	3"	GA	MA	SV4-PCS-M6-001 E-4	C	O/C	AI	ETM	2y			
Spent Fuel Pool Emergency Makeup Valve																
SV4-PCS-PL-V015	3	N	B	A	1"	GL	MA	SV4-PCS-M6-002 G-8	O	C	AI	ETM	2y			
PCS Long Term Supply to Distribution Bucket Drain Valve																
SV4-PCS-PL-V020	3	N	B	A	3"	GA	MA	SV4-PCS-M6-002 E-4	C	O	AI	ETM	2y			
PCS Long Term Supply to Distribution Bucket Iso Valve																
SV4-PCS-PL-V023	3	N	B	A	4"	GA	MA	SV4-PCS-M6-002 F-7	O	C	AI	ETM	2y			
PCS Recirc Pumps to PCCWST Iso Valve																
SV4-PCS-PL-V039	3	N	C	A	4"	CK	SA	SV4-PCS-M6-002 F-4	C	C/O	NA	CKC CKO	App. II App. II			
PCS/SFS Long Term Make-up Supply Check Valve																
SV4-PCS-PL-V042	3	N	B	A	1"	GL	MA	SV4-PCS-M6-002 F-3	O	C	AI	ETM	2y			
PCS Long Term Supply from Temp Pump Drain Valve																
SV4-PCS-PL-V044	3	N	B	A	4"	GA	MA	SV4-PCS-M6-002 F-4	C	O	AI	ETM	2y			
PCS Long Term Supply from Temp Pump Iso Valve																

VOGTLE UNIT 4

PCS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required			
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV4-PCS-PL-V045	3	N	B	A	2"	GL	MA	SV4-PCS-M6-001	C	O	AI	ETM	2y		
PCS Supply to SFS Make-up Iso Valve								B-3							
SV4-PCS-PL-V046	3	N	B	A	4"	GA	MA	SV4-PCS-M6-002	O	C	AI	ETM	2y		
PCCWST Recirculation Return Isolation Valve								H-7							
SV4-PCS-PL-V049	3	N	B	A	1"	GL	MA	SV4-PCS-M6-001	O	C	AI	ETM	2y		
PCCWST Drain Isolation Valve								C-2							
SV4-PCS-PL-V050	3	N	B	A	2"	GL	MA	SV4-PCS-M6-002	C	C/O	AI	ETM	2y		
Recirc Header Discharge to SFS Pool Isolation Valve								F-7							
SV4-PCS-PL-V051	3	N	B	A	2"	GL	MA	SV4-PCS-M6-001	C	C/O	AI	ETM	2y		
Spent Fuel Pool Emergency Makeup Lower Isolation Valve								B-2							

VOGTLE UNIT 4

PSS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required			
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV4-PSS-PL-V001A	2	N	C	A	1/4"	GL	SO	SV4-PSS-M6-003	O	O	C	RVT	10y		Thermal Relief
Hot Leg 1 Sample Isolation															
SV4-PSS-PL-V001B	2	N	C	A	1/4"	GL	SO	SV4-PSS-M6-003	C	O	C	RVT	10y		Thermal Relief
Hot Leg 2 Sample Isolation															
SV4-PSS-PL-V003	2	N	C	A	1/4"	GL	SO	SV4-PSS-M6-003	C	O	C	RVT	10y		Thermal Relief
Pzr Sample Isolation															
SV4-PSS-PL-V008	2	N	A	A	5/8"	GL	SO	SV4-PSS-M6-001	O	C	C	PI	2y		
												STC	Q		
												FST	Q		
Containment Air Sample Containment Isolation Valve IRC												LT	App.J		
SV4-PSS-PL-V010A	2	N	AC	A	1/4"	GL	SO	SV4-PSS-M6-001	O	C	C	PI	2y		
												STC	Q		
												FST	Q		
Liquid Sample Line Containment Isolation Valve A IRC												LT	App.J		
												RVT	10y		Thermal Relief
SV4-PSS-PL-V010B	2	N	AC	A	1/4"	GL	SO	SV4-PSS-M6-001	C	C	C	PI	2y		
												STC	Q		
												FST	Q		
Liquid Sample Line Containment Isolation Valve B IRC												LT	App.J		
												RVT	10y		Thermal Relief
SV4-PSS-PL-V011A	2	N	A	A	1/4"	GL	AO	SV4-PSS-M6-001	O	C	C	PI	2y		
												STC	Q		
Liquid Sample Line Containment Isolation Valve A ORC												FST	Q		
												LT	App.J		
SV4-PSS-PL-V011B	2	N	A	A	1/4"	GL	AO	SV4-PSS-M6-001	C	C	C	PI	2y		
												STC	Q		
Liquid Sample Line Containment Isolation Valve B ORC												FST	Q		
												LT	App.J		
SV4-PSS-PL-V023	2	N	A	A	1"	GL	AO	SV4-PSS-M6-001	O	C	C	PI	2y		
												STC	Q		
Ctmt Air Sample Return Isolation Valve												FST	Q		
												LT	App.J		

VOGTLE UNIT 4

PSS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required			
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV4-PSS-PL-V024	2	N	A	A	1"	GL	SO	SV4-PSS-M6-001 C-7	O	C	C	PI	2y		
												STC	Q		
												FST	Q		
Ctmt Liquid and Air Sample Return IRC Isol Valve												LT	App.J		
SV4-PSS-PL-V046	2	N	A	A	5/8"	GL	AO	SV4-PSS-M6-001 D-6	O	C	C	PI	2y		
												STC	Q		
												FST	Q		
Air Sample Line Ctmt Isol ORC Valve												LT	App.J		

VOGTLE UNIT 4

PWS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required			
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV4-PWS-PL-V418	3	N	B	A	1"	GL	MA	SV4-PCS-M6-002	O	C	AI	ETM	2y		
Control Room Boundary Outside Isolation Valve								G-4							
SV4-PWS-PL-V420	3	N	B	A	1"	GL	MA	SV4-PCS-M6-002	O	C	AI	ETM	2y		
Control Room Boundary Inside Isolation Valve								F-4							
SV4- PWS-PL-V498	3	N	C	A	1"	VB	SA	SV4-PWS-M6-002	C	O	NA	VB	2y		Vacuum Breaker
Ctmt Return CIV Thermal Relief								F-4							

VOGTLE UNIT 4

PXS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required			
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV4-PXS-PL-V002A	1	N	B	P	8"	GA	MO	SV4-PXS-M6-001	O	O	AI	PI	2y		
RCS to CMT A Isolation Valve								G/H-5							
SV4-PXS-PL-V002B	1	N	B	P	8"	GA	MO	SV4-PXS-M6-001	O	O	AI	PI	2y		
RCS to CMT B Isolation Valve								G/H-4							
SV4-PXS-PL-V013A	1	N	B	P	8"	GA	MA	SV4-PXS-M6-001	LO	O	AI	PI	2y		
CMT A Discharge Manual Isol Valve								D/E-6							
SV4-PXS-PL-V013B	1	N	B	P	8"	GA	MA	SV4-PXS-M6-001	LO	O	AI	PI	2y		
CMT B Discharge Manual Isol Valve								D/E-3							
SV4-PXS-PL-V014A	1	N	B	A	8"	GL	AO	SV4-PXS-M6-001	C	O	O	PI	2y		
								E-7				STO	Q		
CMT A Outlet Valve												FST	Q		
SV4-PXS-PL-V014B	1	N	B	A	8"	GL	AO	SV4-PXS-M6-001	C	O	O	PI	2y		
								E-3				STO	Q		
CMT B Outlet Valve												FST	Q		
SV4-PXS-PL-V015A	1	N	B	A	8"	GL	AO	SV4-PXS-M6-001	C	O	O	PI	2y		
								D-7				STO	Q		
CMT A Outlet Valve												FST	Q		
SV4-PXS-PL-V015B	1	N	B	A	8"	GL	AO	SV4-PXS-M6-001	C	O	O	PI	2y		
								D-3				STO	Q		
CMT B Outlet Valve												FST	Q		
SV4-PXS-PL-V016A	1	N	C	A	8"	CK	SA	SV4-PXS-M6-001	O	O/C	NA	CKO	RO	ROJ-PXS-1	
CMT A Outlet Check Valve								D/E-6				CKC	RO	ROJ-PXS-1	
SV4-PXS-PL-V016B	1	N	C	A	8"	CK	SA	SV4-PXS-M6-001	O	O/C	NA	CKO	RO	ROJ-PXS-1	
CMT B Outlet Check Valve								D/E-3				CKC	RO	ROJ-PXS-1	
SV4-PXS-PL-V017A	1	N	C	A	8"	CK	SA	SV4-PXS-M6-001	O	O/C	NA	CKO	RO	ROJ-PXS-1	
CMT A Outlet Check Valve								D/E-6				CKC	RO	ROJ-PXS-1	
SV4-PXS-PL-V017B	1	N	C	A	8"	CK	SA	SV4-PXS-M6-001	O	O/C	NA	CKO	RO	ROJ-PXS-1	
CMT B Outlet Check Valve								D/E-3				CKC	RO	ROJ-PXS-1	
SV4-PXS-PL-V021A	3	N	B	P	1"	GL	SO	SV4-PXS-M6-001	C	C	C	PI	2y		
Accumulator A Nitrogen Supply Valve								C-7							
SV4-PXS-PL-V021B	3	N	B	P	1"	GL	SO	SV4-PXS-M6-001	C	C	C	PI	2y		
Accumulator B Nitrogen Supply Valve								C-2							
SV4-PXS-PL-V022A	3	N	C	A	1"	RV	SA	SV4-PXS-M6-001	C	O/C	NA	RVT	4y/10y		
Accumulator A Relief Valve								C-7							

VOGTLE UNIT 4

PXS

Valve ID					Valve	Valve	Act.	Drawing	Position			Required				
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code	Dev.	Plan Notes
SV4-PXS-PL-V022B	3	N	C	A	1"	RV	SA	SV4-PXS-M6-001	C	O/C	NA	RVT	4y/10y			
Accumulator B Relief Valve									C-2							
SV4-PXS-PL-V027A	3	N	B	P	8"	GA	MO	SV4-PXS-M6-001	O	O	AI	PI	2y			
Accumulator A to RCS Isolation Valve									B-6							
SV4-PXS-PL-V027B	3	N	B	P	8"	GA	MO	SV4-PXS-M6-001	O	O	AI	PI	2y			
Accumulator B to RCS Isolation Valve									B-3							
SV4-PXS-PL-V028A	1	N	AC	A	8"	CK	SA	SV4-PXS-M6-001	C	O/C	NA	CKC	RO	ROJ-PXS-2		
Accumulator A Outlet to RCS Check									B-6			CKO	RO	ROJ-PXS-2		
												LT	2y		PIV	
SV4-PXS-PL-V028B	1	N	AC	A	8"	CK	SA	SV4-PXS-M6-001	C	O/C	NA	CKC	RO	ROJ-PXS-2		
Accumulator B Outlet to RCS Check									B-3			CKO	RO	ROJ-PXS-2		
												LT	2y		PIV	
SV4-PXS-PL-V029A	1	N	AC	A	8"	CK	SA	SV4-PXS-M6-001	C	O/C	NA	CKC	RO	ROJ-PXS-2		
Accumulator A Outlet to RCS Check									B-6			CKO	RO	ROJ-PXS-2		
												LT	2y		PIV	
SV4-PXS-PL-V029B	1	N	AC	A	8"	CK	SA	SV4-PXS-M6-001	C	O/C	NA	CKC	RO	ROJ-PXS-2		
Accumulator B Outlet to RCS Check									B-4			CKO	RO	ROJ-PXS-2		
												LT	2y		PIV	
SV4-PXS-PL-V042	2	N	A	A	1"	GL	AO	SV4-PXS-M6-001	O	C	C	PI	2y			
High Pressure Nitrogen to Containment Isolation Valve									D-1			STC	Q			
												FST	Q			
												LT	App.J			
SV4-PXS-PL-V043	2	N	AC	A	1"	CK	SA	SV4-PXS-M6-001	C	O/C	NA	CKC	Q			
High Pressure Nitrogen to Containment IC Check Valve									D-2			CKOP	Q		Thermal Expansion	
												LT	App.J			
SV4-PXS-PL-V044	N	N	C	A	1"	RV	SA	SV4-PXS-M6-001	C	O	NA	RVT	10y			Thermal Relief
High Pressure Nitrogen to Containment Penetration Thermal Relief Valve									D-2							
SV4-PXS-PL-V101	1	N	B	P	14"	GA	MO	SV4-PXS-M6-002	O	O	AI	PI	2y			
RCS to PRHR Heat Exchanger Isolation Valve									G-1							
SV4-PXS-PL-V108A	1	N	B	A	14"	BA	AO	SV4-PXS-M6-002	C	O	O	PI	2y			
PRHR Heat Exchanger Outlet Valve to RCS A									G-1			STO	CS	CSJ-PXS-1		
												FST	CS	CSJ-PXS-1		
SV4-PXS-PL-V108B	1	N	B	A	14"	BA	AO	SV4-PXS-M6-002	C	O	O	PI	2y			
PRHR Heat Exchanger Outlet Valve to RCS B									F-1			STO	CS	CSJ-PXS-1		
												FST	CS	CSJ-PXS-1		

VOGTLE UNIT 4

PXS

Valve ID					Valve	Valve	Act.	Drawing	Position			Required				
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code	Dev.	Plan Notes
SV4-PXS-PL-V109	1	N	B	P	14"	GA	MA	SV4-PXS-M6-001	LO	O	AI	PI	2y			
RCS to PRHR Heat Exchanger Isolation Valve									F-1							
SV4-PXS-PL-V117A	3	N	B	P	8"	GA	MO	SV4-PXS-M6-002	O	O	AI	PI	2y			
Containment Recirculation A to RCS Isolation Valve									E-7							
SV4-PXS-PL-V117B	3	N	B	P	8"	GA	MO	SV4-PXS-M6-002	O	O	AI	PI	2y			
Containment Recirculation B to RCS Isolation Valve									E-5							
SV4-PXS-PL-V118A	3	N	D	A	8"	SQ	SQ	SV4-PXS-M6-002	C	O	AI	Remote Insp	2y			
Containment Recirc.Sump A to RCS Actuation Squib Valve									E-7				Charge	2y/10y		Note 2
												Circuit	2y/10y		Tested when testing charge	
												Disass. Insp	10y		Note 3	
SV4-PXS-PL-V118B	3	N	D	A	8"	SQ	SQ	SV4-PXS-M6-002	C	O	AI	Remote Insp	2y			
Containment Recirc.Sump B to RCS Actuation Squib Valve									E-5				Charge	2y/10y		Note 2
												Circuit	2y/10y		Tested when testing charge	
												Disass. Insp	10y		Note 3	
SV4-PXS-PL-V119A	3	N	C	A	8"	CK	NA	SV4-PXS-M6-002	C	O/C	NA	PI	2y			
Containment Recirc. Sump A Outlet to RCS Check									E-7				CKC	RO	ROJ-PXS-3	
												CKO	RO	ROJ-PXS-3		
SV4-PXS-PL-V119B	3	N	C	A	8"	CK	NA	SV4-PXS-M6-002	C	O/C	NA	PI	2y			
Containment Recirc. Sump A Outlet to RCS Check									E-5				CKC	RO	ROJ-PXS-3	
												CKO	RO	ROJ-PXS-3		
SV4-PXS-PL-V120A	3	N	D	A	8"	SQ	SQ	SV4-PXS-M6-002	C	O	AI	Remote Insp	2y			
Containment Recirc.Sump A to RCS Actuation Squib Valve									E-7				Charge	2y/10y		Note 2
												Circuit	2y/10y		Tested when testing charge	
												Disass. Insp	10y		Note 3	
SV4-PXS-PL-V120B	3	N	D	A	8"	SQ	SQ	SV4-PXS-M6-002	C	O	AI	Remote Insp	2y			
Containment Recirc.Sump B to RCS Actuation Squib Valve									E-5				Charge	2y/10y		Note 2
												Circuit	2y/10y		Tested when testing charge	
												Disass. Insp	10y		Note 3	
SV4-PXS-PL-V121A	3	N	B	P	8"	GA	MO	SV4-PXS-M6-002	O	O	AI	PI	2y			
IRWST/Recirc. Sump to RCS A Isolation Valve									D-7							
SV4-PXS-PL-V121B	3	N	B	P	8"	GA	MO	SV4-PXS-M6-002	O	O	AI	PI	2y			
IRWST/Recirc. Sump to RCS B Isolation Valve									D-7							
SV4-PXS-PL-V122A	1	N	C	A	8"	CK	SA	SV4-PXS-M6-002	C	O/C	NA	PI	2y			
IRWST Injection Line A Check Valve									C-7				CKC	CS	CSJ-PXS-2	
													CKO	CS	CSJ-PXS-2	

VOGTLE UNIT 4

PXS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required				
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code	Dev.	Plan Notes
SV4-PXS-PL-V122B	1	N	C	A	8"	CK	SA	SV4-PXS-M6-002 C-5	C	O/C	NA	PI	2y			
IRWST Injection Line B Check Valve												CKC	CS	CSJ-PXS-2		
												CKO	CS	CSJ-PXS-2		
SV4-PXS-PL-V123A	1	N	D	A	8"	SQ	SQ	SV4-PXS-M6-002 C-7	C	O	AI	Remote Insp	2y			
												Charge	2y/10y			Note 2
												Circuit	2y/10y			Tested when testing charge
IRWST Injection A Isolation Valve												Disass. Insp	10y			Note 3
SV4-PXS-PL-V123B	1	N	D	A	8"	SQ	SQ	SV4-PXS-M6-002 C-5	C	O	AI	Remote Insp	2y			
												Charge	2y/10y			Note 2
												Circuit	2y/10y			Tested when testing charge
IRWST Injection B Isolation Valve												Disass. Insp	10y			Note 3
SV4-PXS-PL-V124A	1	N	C	A	8"	CK	NA	SV4-PXS-M6-002 C-7	C	O/C	NA	PI	2y			
IRWST Injection Line A Check Valve												CKC	CS	CSJ-PXS-2		
												CKO	CS	CSJ-PXS-2		
SV4-PXS-PL-V124B	1	N	C	A	8"	CK	NA	SV4-PXS-M6-002 C-5	C	O/C	NA	PI	2y			
IRWST Injection Line B Check Valve												CKC	CS	CSJ-PXS-2		
												CKO	CS	CSJ-PXS-2		
SV4-PXS-PL-V125A	1	N	D	A	8"	SQ	SQ	SV4-PXS-M6-002 C-7	C	O	AI	Remote Insp	2y			
												Charge	2y/10y			Note 2
												Circuit	2y/10y			Tested when testing charge
IRWST Injection A Isolation Valve												Disass. Insp	10y			Note 3
SV4-PXS-PL-V125B	1	N	D	A	8"	SQ	SQ	SV4-PXS-M6-002 C-5	C	O	AI	Remote Insp	2y			
												Charge	2y/10y			Note 2
												Circuit	2y/10y			Tested when testing charge
IRWST Injection B Isolation Valve												Disass. Insp	10y			Note 3
SV4-PXS-PL-V130A	3	N	B	A	2"	BA	AO	SV4-PXS-M6-002 H-7	O	C	C	PI	2y			
IRWST Gutter Isolation A Valve												STC	Q			
												FST	Q			
SV4-PXS-PL-V130B	3	N	B	A	2"	BA	AO	SV4-PXS-M6-002 H-7	O	C	C	PI	2y			
IRWST Gutter Isolation B Valve												STC	Q			
												FST	Q			
SV4-PXS-PL-V208A	2	N	A	P	3/8"	GL	MA	SV4-PXS-M6-003 D-3	LC	C	AI	LT	App.J			
RNS Suction Leak Test Valve																
SV4-PXS-PL-V230A	2	N	B	P	1"	GL	AO	SV4-PXS-M6-003 F-6	C	C	C	PI	2y			
Core Makeup Tank A Fill Isolation																

VOGTLE UNIT 4

PXS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required			
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV4-PXS-PL-V230B	2	N	B	P	1"	GL	AO	SV4-PXS-M6-003	C	C	C	PI	2y		
Core Makeup Tank B Fill Isolation									G-6						
SV4-PXS-PL-V231A	2	N	C	A	1"	CK	SA	SV4-PXS-M6-003	C	O	NA	CKOP	CS	CSJ-PXS-3	Thermal expansion
CMT A Fill Check Valve									F-7			CKC	CS	CSJ-PXS-3	
SV4-PXS-PL-V231B	2	N	C	A	1"	CK	SA	SV4-PXS-M6-003	C	O	NA	CKOP	CS	CSJ-PXS-3	Thermal expansion
CMT B Fill Check Valve									G-7			CKC	CS	CSJ-PXS-3	
SV4-PXS-PL-V232A	2	N	B	P	1"	GL	AO	SV4-PXS-M6-003	C	C	C	PI	2y		
Accumulator A Fill/Drain Isolation									E-6						
SV4-PXS-PL-V232B	2	N	B	P	1"	GL	AO	SV4-PXS-M6-003	C	C	C	PI	2y		
Accumulator B Fill/Drain Isolation									G-6						

VOGTLE UNIT 4

RCS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required			
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV4-RCS-PL-V001A	1	N	B	A	4"	GL	MO	SV4-RCS-M6-002 G-5	C	O	AI	PI STO/III-3600 III-3300	2RO/3y CS 2RO/3y	CSJ-RCS-1	
ADS Stage 1 Control Valve															
SV4-RCS-PL-V001B	1	N	B	A	4"	GL	MO	SV4-RCS-M6-002 E-5	C	O	AI	PI STO/III-3600 III-3300	2RO/3y CS 2RO/3y	CSJ-RCS-1	
ADS Stage 1 Control Valve															
SV4-RCS-PL-V002A	1	N	B	A	8"	GL	MO	SV4-RCS-M6-002 G-5	C	O	AI	PI STO/III-3600 III-3300	2RO/3y CS 2RO/3y	CSJ-RCS-1	
ADS Stage 2 Control Valve															
SV4-RCS-PL-V002B	1	N	B	A	8"	GL	MO	SV4-RCS-M6-002 E-5	C	O	AI	PI STO/III-3600 III-3300	2RO/3y CS 2RO/3y	CSJ-RCS-1	
ADS Stage 2 Control Valve															
SV4-RCS-PL-V003A	1	N	B	A	8"	GL	MO	SV4-RCS-M6-002 H-5	C	O	AI	PI STO/III-3600 III-3300	2RO/3y CS 2RO/3y	CSJ-RCS-1	
ADS Stage 3 Control Valve															
SV4-RCS-PL-V003B	1	N	B	A	8"	GL	MO	SV4-RCS-M6-002 F-5	C	O	AI	PI STO/III-3600 III-3300	2RO/3y CS 2RO/3y	CSJ-RCS-1	
ADS Stage 3 Control Valve															
SV4-RCS-PL-V004A	1	N	D	A	14"	SQ	SQ	SV4-RCS-M6-001 G-6	C	O	AI	Remote Insp Charge Circuit Disass. Insp	2y 2y/10y 2y/10y 10y		Note 2 Tested when testing charge Note 3
ADS Stage 4 Valve															
SV4-RCS-PL-V004B	1	N	D	A	14"	SQ	SQ	SV4-RCS-M6-001 F-3	C	O	AI	Remote Insp Charge Circuit Disass. Insp	2y 2y/10y 2y/10y 10y		Note 2 Tested when testing charge Note 3
ADS Stage 4 Valve															
SV4-RCS-PL-V004C	1	N	D	A	14"	SQ	SQ	SV4-RCS-M6-001 F-6	C	O	AI	Remote Insp Charge Circuit Disass. Insp	2y 2y/10y 2y/10y 10y		Note 2 Tested when testing charge Note 3
ADS Stage 4 Valve															
SV4-RCS-PL-V004D	1	N	D	A	14"	SQ	SQ	SV4-RCS-M6-001 F-3	C	O	AI	Remote Insp Charge Circuit Disass. Insp	2y 2y/10y 2y/10y 10y		Note 2 Tested when testing charge Note 3
ADS Stage 4 Valve															

VOGTLE UNIT 4

RCS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required			
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV4-RCS-PL-V005A	1	N	C	A	6"	RV	SA	SV4-RCS-M6-002	C	O/C	NA	RVT	2y/5y		Includes PI
Pressurizer Safety Valve															
SV4-RCS-PL-V005B	1	N	C	A	6"	RV	SA	SV4-RCS-M6-002	C	O/C	NA	RVT	2y/5y		Includes PI
Pressurizer Safety Valve															
SV4-RCS-PL-V010A	3	N	C	A	1"	VB	SA	SV4-RCS-M6-002	C	O	NA	VB	2y		
ADS Header Vacuum Breaker															
SV4-RCS-PL-V010B	3	N	C	A	1"	VB	SA	SV4-RCS-M6-002	C	O	NA	VB	2y		
ADS Header Vacuum Breaker															
SV4-RCS-PL-V011A	1	N	B	A	4"	GA	MO	SV4-RCS-M6-002	C	O	AI	PI	2RO/3y		
ADS Stage 1 Isolation Valve															
								G-5				STO/III-3600	CS	CSJ-RCS-1	
												III-3300	2RO/3y		
SV4-RCS-PL-V011B	1	N	B	A	4"	GA	MO	SV4-RCS-M6-002	C	O	AI	PI	2RO/3y		
ADS Stage 1 Isolation Valve															
								E-5				STO/III-3600	CS	CSJ-RCS-1	
												III-3300	2RO/3y		
SV4-RCS-PL-V012A	1	N	B	A	8"	GA	MO	SV4-RCS-M6-002	C	O	AI	PI	2RO/3y		
ADS Stage 2 Isolation Valve															
								G-5				STO/III-3600	CS	CSJ-RCS-1	
												III-3300	2RO/3y		
SV4-RCS-PL-V012B	1	N	B	A	8"	GA	MO	SV4-RCS-M6-002	C	O	AI	PI	2RO/3y		
ADS Stage 2 Isolation Valve															
								E-5				STO/III-3600	CS	CSJ-RCS-1	
												III-3300	2RO/3y		
SV4-RCS-PL-V013A	1	N	B	A	8"	GA	MO	SV4-RCS-M6-002	C	O	AI	PI	2RO/3y		
ADS Stage 3 Isolation Valve															
								G-5				STO/III-3600	CS	CSJ-RCS-1	
												III-3300	2RO/3y		
SV4-RCS-PL-V013B	1	N	B	A	8"	GA	MO	SV4-RCS-M6-002	C	O	AI	PI	2RO/3y		
ADS Stage 3 Isolation Valve															
								F-5				STO/III-3600	CS	CSJ-RCS-1	
												III-3300	2RO/3y		
SV4-RCS-PL-V014A	1	N	B	P	14"	GA	MO	SV4-RCS-M6-001	O	O	AI	PI	2y		
ADS Stage 4 Isolation Valve															
								G-6							
SV4-RCS-PL-V014B	1	N	B	P	14"	GA	MO	SV4-RCS-M6-001	O	O	AI	PI	2y		
ADS Stage 4 Isolation Valve															
								F-3							
SV4-RCS-PL-V014C	1	N	B	P	14"	GA	MO	SV4-RCS-M6-001	O	O	AI	PI	2y		
ADS Stage 4 Isolation Valve															
								F-6							
SV4-RCS-PL-V014D	1	N	B	P	14"	GA	MO	SV4-RCS-M6-001	O	O	AI	PI	2y		
ADS Stage 4 Isolation Valve															
								F-3							

VOGTLE UNIT 4

RCS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required			
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV4-RCS-PL-V150A	1	N	BC	A	1"	GL	SO	SV4-RCS-M6-001 D-4	C	O/C	C	PI	2y		
												STO	CS	CSJ-RCS-2	
												STC	CS	CSJ-RCS-2	
												FST	CS	CSJ-RCS-2	
Reactor Head Vent Valve												RVT	10y		Thermal relief
SV4-RCS-PL-V150B	1	N	BC	A	1"	GL	SO	SV4-RCS-M6-001 D-4	C	O/C	C	PI	2y		
												STO	CS	CSJ-RCS-2	
												STC	CS	CSJ-RCS-2	
												FST	CS	CSJ-RCS-2	
Reactor Head Vent Valve												RVT	10y		Thermal relief
SV4-RCS-PL-V150C	1	N	B	A	1"	GL	SO	SV4-RCS-M6-001 D-4	C	O/C	C	PI	2y		
												STO	CS	CSJ-RCS-2	
												STC	CS	CSJ-RCS-2	
												FST	CS	CSJ-RCS-2	
Reactor Head Vent Valve															
SV4-RCS-PL-V150D	1	N	B	A	1"	GL	SO	SV4-RCS-M6-001 D-4	C	O/C	C	PI	2y		
												STO	CS	CSJ-RCS-2	
												STC	CS	CSJ-RCS-2	
												FST	CS	CSJ-RCS-2	
Reactor Head Vent Valve															
SV4-RCS-PL-V233	3	N	B	P	2"	GL	MA	SV4-RCS-M6-002 H-3	LO	O	AI	PI	2y		
RV Head Vent to IRWST Isolation Valve															
SV4-RCS-PY-K03	3	N	D	A	10"	RD	SA	SV4-RCS-M6-002 H-8	C	O	NA	RRD	5y		
Safety Valve Discharge Chamber Rupture Disk															
SV4-RCS-PY-K04	3	N	D	A	10"	RD	SA	SV4-RCS-M6-002 F-7	C	O	NA	RRD	5y		
Safety Valve Discharge Chamber Rupture Disk															

VOGTLE UNIT 4

RNS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required				
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code	Dev.	Plan Notes
SV4-RNS-PL-V001A	1	N	A	A	10"	GA	MO	SV4-RNS-M6-001 F-2	C	C	AI	PI STC/III-3600 III-3300 LT	2RO/3y 2y 2RO/3y 2y			PIV
RNS Suction from RCS Inner Isolation Valve																
SV4-RNS-PL-V001B	1	N	A	A	10"	GA	MO	SV4-RNS-M6-001 D-2	C	C	AI	PI STC/III-3600 III-3300 LT	2RO/3y 2y 2RO/3y 2y			PIV
RNS Suction from RCS Inner Isolation Valve																
SV4-RNS-PL-V002A	1	N	A	A	10"	GA	MO	SV4-RNS-M6-001 F-2	C	C	AI	PI STC/III-3600 III-3300 LT	2RO/3y 2y 2RO/3y 2y			PIV
RNS Suction from RCS Outer Isolation /IC Containment Isolation Valve																
SV4-RNS-PL-V002B	1	N	A	A	10"	GA	MO	SV4-RNS-M6-001 D-2	C	C	AI	PI STC/III-3600 III-3300 LT	2RO/3y 2y 2RO/3y AppJ			PIV
RNS Suction from RCS Outer Isolation /IC Containment Isolation Valve																
SV4-RNS-PL-V003A	1	N	C	A	1"	CK	SA	SV4-RNS-M6-001 G-2	C	C/O	NA	CKC CKOP	CS CS	CSJ-RNS-1 CSJ-RNS-1		Thermal Expansion
RNS PIV Thermal Relief Valve																
SV4-RNS-PL-V003B	1	N	C	A	1"	CK	SA	SV4-RNS-M6-001 D-2	C	C/O	NA	CKC CKOP	CS CS	CSJ-RNS-1 CSJ-RNS-1		Thermal Expansion
RNS PIV Thermal Relief Valve																
SV4-RNS-PL-V011	2	N	A	A	8"	GA	MO	SV4-RNS-M6-001 F-7	C	C	AI	PI STC/III-3600 III-3300 LT	2RO/3y 2y 2RO/3y AppJ			
RNS Discharge Header to Containment OC Containment Isolation Valve																
SV4-RNS-PL-V012	2	N	A	A	1"	GL	MA	SV4-RNS-M6-001 G-7	LC	C/O	AI	ETM LT	2y App J			
Post-Accident Long Term RCS Make-up & Containment Isolation Valve																
SV4-RNS-PL-V013	2	N	AC	A	8"	CK	SA	SV4-RNS-M6-001 F-7	C	C	NA	CKC CKO LT	CS CS App.J	CSJ-RNS-1 CSJ-RNS-1		Thermal Expansion
RNS to Containment IC Containment Isolation Valve																
SV4-RNS-PL-V015A	1	N	AC	A	6"	CK*	SA*	SV4-RNS-M6-001 F-8	C	C/O	NA	CKC CKO LT	CS CS 2y	CSJ-RNS-1 CSJ-RNS-1	*Note 4	Thermal Expansion PIV
RNS to DVI Stop Check Valve																

VOGTLE UNIT 4

RNS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required			
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV4-RNS-PL-V015B	1	N	AC	A	6"	CK*	SA*	SV4-RNS-M6-001 F-8	C	C/O	NA	CKC CKO LT	CS CS 2y	CSJ-RNS-1 CSJ-RNS-1	*Note 4 Thermal Expansion PIV
RNS to DVI Stop Check Valve															
SV4-RNS-PL-V017A	1	N	AC	A	6"	CK	SA	SV4-RNS-M6-001 F-8	C	C/O	NA	CKC CKO LT	CS CS 2y	CSJ-RNS-1 CSJ-RNS-1	Thermal Expansion PIV
RNS to DVI Check Valve															
SV4-RNS-PL-V017B	1	N	AC	A	6"	CK	SA	SV4-RNS-M6-001 F-8	C	C/O	NA	CKC CKO LT	CS CS 2y	CSJ-RNS-1 CSJ-RNS-1	Thermal Expansion PIV
RNS to DVI Check Valve															
SV4-RNS-PL-V020	2	N	AC	A	1"	RV	SA	SV4-RNS-M6-001 G-2	C	O/C	NA	RVT LT	4y/10y App.J		
RNS Suction Relief Valve															
SV4-RNS-PL-V021	2	N	AC	A	3"	RV	SA	SV4-RNS-M6-001 G-2	C	O/C	NA	RVT LT	4y/10y App.J		
RNS Suction Relief Valve															
SV4-RNS-PL-V022	2	N	A	A	10"	GA	MO	SV4-RNS-M6-001 F-3	C	C	AI	PI STC/III-3600 III-3300 LT	2RO/3y 2y 2RO/3y App J		
RNS Suction from RCS OC Containment Isolation Valve															
SV4-RNS-PL-V023	2	N	A	A	10"	GA	MO	SV4-RNS-M6-001 E-3	C	C	AI	PI STC/III-3600 III-3300 LT	2RO/3y 2y 2RO/3y App J		
RNS Suction from IRWST/IC Containment Isolation Valve															
SV4-RNS-PL-V061	2	N	A	A	3"	GL	AO	SV4-RNS-M6-001 G-3	C	C	C	PI STC FST LT	2y Q Q App.J		
CVS Return to RNS Suction/IC Containment Isolation Valve															

VOGTLE UNIT 4

SDS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required				
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code	Dev.	Plan Notes
SV4-SDS-PL-V001	3	N	B	A	3"	BU	MO	SV4-SDS-M6-001 E-5	O	C	AI	PI	2RO/3y			
												STC/III-3600	2y			
MCR SDS (Vent) Isolation Valve												III-3300	2RO/3y			
SV4-SDS-PL-V002	3	N	B	A	3"	BU	MO	SV4-SDS-M6-001 E-5	O	C	AI	PI	2RO/3y			
												STC/III-3600	2y			
MCR SDS (Vent) Isolation Valve												III-3300	2RO/3y			

VOGTLE UNIT 4

SFS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required			
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV4-SFS-PL-V031	3	N	B	P	6"	BU	MA	SV4-SFS-M6-001	LO	O	AI	PI	2y		
Refueling Cavity Drain to S/G 2 Compartment Isolation Valve									F-7						
SV4-SFS-PL-V033	3	N	B	P	2"	PL	MA	SV4-SFS-M6-001	LC	C	AI	PI	2y		
Refueling Cavity Drain to Containment Sump Isolation Valve									E-7						
SV4-SFS-PL-V034	2	N	A	A	6"	BU	MO	SV4-SFS-M6-001	C	C	AI	PI	2RO/3y		
Refueling Cavity/IRWST to SFS IC Containment Iso Valve												STC/III-3600	2y		
												III-3300	2RO/3y		
												LT	App.J		
SV4-SFS-PL-V035	2	N	A	A	6"	BU	MO	SV4-SFS-M6-001	C	C	AI	PI	2RO/3y		
Refueling Cavity/IRWST to SFS OC Containment Iso Valve												STC/III-3600	2y		
												III-3300	2RO/3y		
												LT	App.J		
SV4-SFS-PL-V037	2	N	AC	A	4"	CK	SA	SV4-SFS-M6-001	C	C/O	NA	CKC	Q		
SFS to Refueling Cavity/IRWST IC Containment Iso Valve												CKOP	Q		Thermal Expansion
												LT	App.J		
SV4-SFS-PL-V038	2	N	A	A	4"	BU	MO	SV4-SFS-M6-001	C	C	AI	PI	2RO/3y		
SFS to Refueling Cavity/IRWST OC Containment Iso Valve												STC/III-3600	2y		
												III-3300	2RO/3y		
												LT	App.J		
SV4-SFS-PL-V041	3	N	B	A	6"	BU	MA	SV4-SFS-M6-001	LC	C	AI	ETM	2y		
SFS Cask Loading Pit Suction Isolation Valve									F-1						
SV4-SFS-PL-V066	3	N	B	A	8"	BA	MA	SV4-SFS-M6-001	LC	O/C	AI	ETM	2y		
Spent Fuel Pool Boiloff Makeup Isolation Valve									G-3						
SV4-SFS-PL-V067	2	N	AC	A	1"	RV	SA	SV4-SFS-M6-001	C	O/C	NA	RVT	10y		Thermal Relief
Refueling Cavity/IRWST to SFS Penetration Relief Valve									E-6						
SV4-SFS-PL-V068	3	N	B	A	6"	BU	MA	SV4-SFS-M6-001	LO	O	AI	ETM	2y		
SFS Cask Washdown Pit Drain Isolation Valve									F-2						
SV4-SFS-PL-V071	3	N	C	A	6"	CK	SA	SV4-SFS-M6-001	C	O/C	NA	CKC	RO*		*Note 5
Refueling Cavity Side Drain to S/G 2 Compartment Valve									F-7						
SV4-SFS-PL-V072	3	N	C	A	6"	CK	SA	SV4-SFS-M6-001	C	O/C	NA	CKC	RO*		*Note 5
Refueling Cavity Side Drain to S/G 2 Compartment Valve									F-7/8						
SV4-SFS-PL-V075	3	N	B	P	20"	BU	MA	SV4-SFS-M6-001	LO	O	AI	PI	2y		
SFS Reactor Cavity Post-Accident Containment Flood-up Valve									G-7						

VOGTLE UNIT 4

SGS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required				
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes	
SV4-SGS-PL-V027A	2	N	B	A	12"	GL	MO	SV4-SGS-M6-001 G-4/5	O	C	AI	PI STC/III-3600 III-3300	2RO/3y 2y 2RO/3y			
SG1 PORV Isolation Valve																
SV4-SGS-PL-V027B	2	N	B	A	12"	GL	MO	SV4-SGS-M6-002 G-5	O	C	AI	PI STC/III-3600 III-3300	2RO/3y 2y 2RO/3y			
SG2 PORV Isolation Valve																
SV4-SGS-PL-V030A	2	N	C	A	8"	RV	SA	SV4-SGS-M6-001 G-4	C	O/C	NA	RVT	2y/5y		Includes PI	
Main Steam Safety Valve Steam Generator 01																
SV4-SGS-PL-V030B	2	N	C	A	8"	RV	SA	SV4-SGS-M6-002 G-4	C	O/C	NA	RVT	2y/5y		Includes PI	
Main Steam Safety Valve Steam Generator 02																
SV4-SGS-PL-V031A	2	N	C	A	8"	RV	SA	SV4-SGS-M6-001 G-3	C	O/C	NA	RVT	2y/5y		Includes PI	
Main Steam Safety Valve Steam Generator 01																
SV4-SGS-PL-V031B	2	N	C	A	8"	RV	SA	SV4-SGS-M6-002 G-3	C	O/C	NA	RVT	2y/5y		Includes PI	
Main Steam Safety Valve Steam Generator 02																
SV4-SGS-PL-V032A	2	N	C	A	8"	RV	SA	SV4-SGS-M6-001 G-3	C	O/C	NA	RVT	2y/5y		Includes PI	
Main Steam Safety Valve Steam Generator 01																
SV4-SGS-PL-V032B	2	N	C	A	8"	RV	SA	SV4-SGS-M6-002 G-3	C	O/C	NA	RVT	2y/5y		Includes PI	
Main Steam Safety Valve Steam Generator 02																
SV4-SGS-PL-V033A	2	N	C	A	8"	RV	SA	SV4-SGS-M6-001 G-3	C	O/C	NA	RVT	2y/5y		Includes PI	
Main Steam Safety Valve Steam Generator 01																
SV4-SGS-PL-V033B	2	N	C	A	8"	RV	SA	SV4-SGS-M6-002 G-3	C	O/C	NA	RVT	2y/5y		Includes PI	
Main Steam Safety Valve Steam Generator 02																
SV4-SGS-PL-V034A	2	N	C	A	8"	RV	SA	SV4-SGS-M6-001 G-2	C	O/C	NA	RVT	2y/5y		Includes PI	
Main Steam Safety Valve Steam Generator 01																
SV4-SGS-PL-V034B	2	N	C	A	8"	RV	SA	SV4-SGS-M6-002 G-2	C	O/C	NA	RVT	2y/5y		Includes PI	
Main Steam Safety Valve Steam Generator 02																
SV4-SGS-PL-V035A	2	N	C	A	8"	RV	SA	SV4-SGS-M6-001 G-2	C	O/C	NA	RVT	2y/5y		Includes PI	
Main Steam Safety Valve Steam Generator 01																
SV4-SGS-PL-V035B	2	N	C	A	8"	RV	SA	SV4-SGS-M6-002 G-2	C	O/C	NA	RVT	2y/5y		Includes PI	
Main Steam Safety Valve Steam Generator 02																
SV4-SGS-PL-V036A	2	N	B	A	2"	GL	AO	SV4-SGS-M6-001 G-3	O	C	C	PI STC FST	2y Q Q			
Steam Line Condensate Drain Isolation																

VOGTLE UNIT 4

SGS

Valve ID				Valve	Valve	Act.	Drawing	Position			Required				
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV4-SGS-PL-V036B	2	N	B	A	2"	GL	AO	SV4-SGS-M6-002 G-3	O	C	C	PI STC FST	2y Q Q		
Steam Line Condensate Drain Isolation															
SV4-SGS-PL-V040A	2	N	B	A	38"	GA	PH	SV4-SGS-M6-001 G-1	O	C	C	PI STC FST	2y CS CS	CSJ-SGS-1 CSJ-SGS-1	
Main Steam Line Isolation															
SV4-SGS-PL-V040B	2	N	B	A	38"	GA	PH	SV4-SGS-M6-002 G-1	O	C	C	PI STC FST	2y CS CS	CSJ-SGS-1 CSJ-SGS-1	
Main Steam Line Isolation															
SV4-SGS-PL-V057A	2	N	B	A	20"	GA	PH	SV4-SGS-M6-001 E-4	O	C	C	PI STC FST	2y CS CS	CSJ-SGS-1 CSJ-SGS-1	
Main Feedwater Line Isolation															
SV4-SGS-PL-V057B	2	N	B	A	20"	GA	PH	SV4-SGS-M6-002 E-4	O	C	C	PI STC FST	2y CS CS	CSJ-SGS-1 CSJ-SGS-1	
Main Feedwater Line Isolation															
SV4-SGS-PL-V058A	2	N	C	A	20"	CK	SA	SV4-SGS-M6-001 E-5	O	C/O	NA	CKC CKOP	CS CS	CSJ-SGS-2 CSJ-SGS-2	Thermal Expansion
SG 1 Main Feed Check Valve															
SV4-SGS-PL-V058B	2	N	C	A	20"	CK	SA	SV4-SGS-M6-002 E-5	O	C/O	NA	CKC CKOP	CS CS	CSJ-SGS-2 CSJ-SGS-2	Thermal Expansion
SG 2 Main Feed Check Valve															
SV4-SGS-PL-V067A	2	N	B	A	6"	GA	MO	SV4-SGS-M6-001 D-5	O	C	AI	PI STC/III-3600 III-3300	2RO/3y 2y 2RO/3y		
Startup Feedwater Isolation															
SV4-SGS-PL-V067B	2	N	B	A	6"	GA	MO	SV4-SGS-M6-002 D-5	O	C	AI	PI STC/III-3600 III-3300	2RO/3y 2y 2RO/3y		
Startup Feedwater Isolation															
SV4-SGS-PL-V074A	2	N	B	A	4"	GL	AO	SV4-SGS-M6-001 C-5	O	C	C	PI STC FST	2y Q Q		
SG 1 Blowdown Isolation Valve															
SV4-SGS-PL-V074B	2	N	B	A	4"	GL	AO	SV4-SGS-M6-002 C-5	O	C	C	PI STC FST	2y Q Q		
SG 2 Blowdown Isolation Valve															
SV4-SGS-PL-V075A	3	N	B	A	4"	GL	AO	SV4-SGS-M6-001 C-5	O	C	C	PI STC FST	2y Q Q		
SG 1 Blowdown Isolation Valve															

VOGTLE UNIT 4

SGS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required			
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV4-SGS-PL-V075B	3	N	B	A	4"	GL	AO	SV4-SGS-M6-002 C-5	O	C	C	PI STC FST	2y Q Q		
SG 2 Blowdown Isolation Valve															
SV4-SGS-PL-V086A	3	N	B	A	2"	GL	AO	SV4-SGS-M6-001 F-3	C	C	C	PI STC FST	2y Q Q		
SG 1 Steam Line Drain Level Control															
SV4-SGS-PL-V086B	3	N	B	A	2"	GL	AO	SV4-SGS-M6-002 F-3	C	C	C	PI STC FST	2y Q Q		
SG 2 Steam Line Drain Level Control															
SV4-SGS-PL-V233A	3	N	B	A	12"	GL	AO	SV4-SGS-M6-001 H-4/5	C	C	C	PI STC FST LT	2y RO RO 2y		Per I-8200
SG1 Steam Line Power Operated Relief Valve															
SV4-SGS-PL-V233B	3	N	B	A	12"	GL	AO	SV4-SGS-M6-002 H-5	C	C	C	PI STC FST LT	2y RO RO 2y		Per I-8200
SG2 Steam Line Power Operated Relief Valve															
SV4-SGS-PL-V240A	2	N	B	A	3"	GL	AO	SV4-SGS-M6-001 G-1	C	C	C	PI STC FST	2y Q Q		
SG 1 MSIV Bypass															
SV4-SGS-PL-V240B	2	N	B	A	3"	GL	AO	SV4-SGS-M6-002 G-1	C	C	C	PI STC FST	2y Q Q		
SG 2 MSIV Bypass															
SV4-SGS-PL-V250A	3	N	B	A	20"	GL	AO	SV4-SGS-M6-001 E-2/3	O	C	C	PI STC FST	2y CS CS	CSJ-SGS-1	
Main Feedwater Control Valve															
SV4-SGS-PL-V250B	3	N	B	A	20"	GL	AO	SV4-SGS-M6-002 E-2/3	O	C	C	PI STC FST	2y CS CS	CSJ-SGS-1	
Main Feedwater Control Valve															
SV4-SGS-PL-V255A	3	N	B	A	6"	GL	AO	SV4-SGS-M6-001 D-4	C	C	C	PI STC FST	2y Q Q		
Startup Feedwater Control Valve															
SV4-SGS-PL-V255B	3	N	B	A	6"	GL	AO	SV4-SGS-M6-002 D-4	C	C	C	PI STC FST	2y Q Q		
Startup Feedwater Control Valve															

VOGTLE UNIT 4

SGS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required			
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV4-SGS-PL-V256A	3	N	C	A	6"	CK	SA	SV4-SGS-M6-001	C	O	NA	CKC	Q		
SG 1 Startup Feed Check Valve								D-4				CKOP	Q		Thermal Expansion
SV4-SGS-PL-V256B	3	N	C	A	6"	CK	SA	SV4-SGS-M6-002	C	O	NA	CKC	Q		
SG 2 Startup Feed Check Valve								D-4				CKOP	Q		Thermal Expansion
SV4-SGS-PL-V257A	3	N	C	A	1"	RV	SA	SV4-SGS-M6-001	C	O	NA	RVT	10y		Thermal Relief
Main Feedwater Thermal Relief								E-4							
SV4-SGS-PL-V257B	3	N	C	A	1"	RV	SA	SV4-SGS-M6-002	C	O	NA	RVT	10y		Thermal Relief
Main Feedwater Thermal Relief								E-4							
SV4-SGS-PL-V258A	3	N	C	A	1"	RV	SA	SV4-SGS-M6-001	C	O	NA	RVT	10y		Thermal Relief
Startup Feedwater Thermal Relief								D-4							
SV4-SGS-PL-V258B	3	N	C	A	1"	RV	SA	SV4-SGS-M6-002	C	O	NA	RVT	10y		Thermal Relief
Startup Feedwater Thermal Relief								D-4							

VOGTLE UNIT 4

VBS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required			
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV4-VBS-PL-V186	3	N	B	A	28"	BU	MO	SV4-VBS-M6-007 F-6	O	C	AI	PI	2RO/3y		
MCR Supply Air Isolation Valve												STC/III-3600	2y		
SV4-VBS-PL-V187	3	N	B	A	28"	BU	MO	SV4-VBS-M6-007 F-6	O	C	AI	PI	2RO/3y		
MCR Supply Air Isolation Valve												STC/III-3600	2y		
SV4-VBS-PL-V188	3	N	B	A	28"	BU	MO	SV4-VBS-M6-007 C-7	O	C	AI	PI	2RO/3y		
MCR Return Air Isolation Valve												STC/III-3600	2y		
SV4-VBS-PL-V189	3	N	B	A	28"	BU	MO	SV4-VBS-M6-007 C-6	O	C	AI	PI	2RO/3y		
MCR Return Air Isolation Valve												STC/III-3600	2y		
SV4-VBS-PL-V190	3	N	B	A	6"	BU	MO	SV4-VBS-M6-007 C-3	O	C	AI	PI	2RO/3y		
MCR Toilet Exhaust Isolation Valve												STC/III-3600	2y		
SV4-VBS-PL-V191	3	N	B	A	6"	BU	MO	SV4-VBS-M6-007 C-3	O	C	AI	PI	2RO/3y		
MCR Toilet Exhaust Isolation Valve												STC/III-3600	2y		
												III-3300	2RO/3y		

VOGTLE UNIT 4

VES

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required			
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV4-VES-PL-V001	3	N	B	A	1"	GL	MA	SV4-VES-M6-002	C	O/C	AI	ETM	2y		
Air Delivery Isolation Valve															
SV4-VES-PL-V005A	3	N	B	A	1"	GL	SO	SV4-VES-M6-002	C	O	O	PI	2y		
Air Delivery Isolation Valve A															
								F-5				STO	Q		
												FST	Q		
SV4-VES-PL-V005B	3	N	B	A	1"	GL	SO	SV4-VES-M6-002	C	O	O	PI	2y		
Air Delivery Isolation Valve B															
								E-5				STO	Q		
												FST	Q		
SV4-VES-PL-V018	3	N	B	A	1"	GL	MA	SV4-VES-M6-002	C	O/C	AI	ETM	2y		
Temporary Insurmentation Isolation Valve															
								F-5							
SV3-VES-PL-V019	3	N	B	A	1"	GL	MA	SV3-VES-M6-002	C	O/C	AI	ETM	2y		
Temporary Insurmentation Isolation Valve															
								E-5							
SV4-VES-PL-V022A	3	N	B	A	4"	BU	AO	SV4-VES-M6-002	C	O	O	PI	2y		
Pressure Relief Isolation Valve A															
								C-2				STO	Q		
												FST	Q		
SV4-VES-PL-V022B	3	N	B	A	4"	BU	AO	SV4-VES-M6-002	C	O	O	PI	2y		
Pressure Relief Isolation Valve B															
								C-2				STO	Q		
												FST	Q		
SV4-VES-PL-V040A	3	N	C	A	1"	RV	SA	SV4-VES-M6-001	C	O/C	NA	RVT	4y10y		
Air Tank Safety Relief Valve A															
								H-4							
SV4-VES-PL-V040B	3	N	C	A	1"	RV	SA	SV4-VES-M6-001	C	O/C	NA	RVT	4y10y		
Air Tank Safety Relief Valve B															
								F-4							
SV4-VES-PL-V040C	3	N	C	A	1"	RV	SA	SV4-VES-M6-001	C	O/C	NA	RVT	4y10y		
Air Tank Safety Relief Valve C															
								D/E-4							
SV4-VES-PL-V040D	3	N	C	A	1"	RV	SA	SV4-VES-M6-001	C	O/C	NA	RVT	4y10y		
Air Tank Safety Relief Valve D															
								C-4							
SV4-VES-PL-V044	3	N	B	A	1"	GL	MA	SV4-VES-M6-002	LO	O/C	AI	ETM	2y		
Main Air Flowpath Isolation Valve															
								F-4							
SV4-VES-PL-V045	3	N	B	A	1"	GL	MA	SV4-VES-M6-002	LO	O/C	AI	ETM	2y		
Eductor Supply Isolation Valve															
								E-3							
SV4-VES-PL-V046	3	N	B	A	1"	GL	MA	SV4-VES-M6-002	C	C/O	AI	ETM	2y		
Eductor Bypass Isolation Valve															
								D-3							

VOGTLE UNIT 4

VFS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required				
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code	Dev.	Plan Notes
SV4-VFS-PL-V003	2	N	A	A	16"	BU	AO	SV4-VFS-M6-001 B-4	C	C	C	PI	2y			
												STC	Q			
												FST	Q			
Containment Purge Inlet Containment Isol - ORC												LT	App.J			
SV4-VFS-PL-V004	2	N	A	A	16"	BU	AO	SV4-VFS-M6-001 B-3	C	C	C	PI	2y			
												STC	Q			
												FST	Q			
Containment Purge Inlet Containment Isol - IRC												LT	App.J			
SV4-VFS-PL-V009	2	N	A	A	16"	BU	AO	SV4-VFS-M6-001 D-8	C	C	C	PI	2y			
												STC	Q			
												FST	Q			
Containment Purge Discharge Containment Isol - IRC												LT	App.J			
SV4-VFS-PL-V010	2	N	A	A	16"	BU	AO	SV4-VFS-M6-001 D-7	C	C	C	PI	2y			
												STC	Q			
												FST	Q			
Containment Purge Discharge Containment Isol - ORC												LT	App.J			
SV4-VFS-PL-V800A	2	N	A	A	6"	BU	MO	SV4-VFS-M6-001 E-7	C	C/O	AI	PI	2RO/3y			
												STC/III-3600	2y			
												STO/III-3600	2y			
												III-3300	2RO/3y			
Containment Vacuum Relief Isolation Valve A - ORC												LT	App.J			
SV4-VFS-PL-V800B	2	N	A	A	6"	BU	MO	SV4-VFS-M6-001 E-7	C	C/O	AI	PI	2RO/3y			
												STC/III-3600	2y			
												STO/III-3600	2y			
												III-3300	2RO/3y			
Containment Vacuum Relief Isolation Valve B - ORC												LT	App.J			
SV4-VFS-PL-V803A	2	N	AC	A	6"	VB	SA	SV4-VFS-M6-001 E-7	C	O/C	NA	VB	2y			
Containment Vacuum Relief Valve A - IRC												LT	App.J			
SV4-VFS-PL-V803B	2	N	AC	A	6"	VB	SA	SV4-VFS-M6-001 E-7	C	O/C	NA	VB	2y			
Containment Vacuum Relief Valve B - IRC												LT	App.J			

VOGTLE UNIT 4

VWS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required				
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes	
SV4-VWS-PL-V053	3	N	C	A	2"	RV	SA	SV4-VWS-M6-003	C	O	NA	RVT	10y		Thermal Relief	
Ctmt Cooling Unit Supply Hdr Relief																
								B-6								
SV4-VWS-PL-V057	3	N	C	A	2"	RV	SA	SV4-VWS-M6-003	C	O	NA	RVT	10y		Thermal Relief	
Ctmt Cooling Unit Return Hdr Relief																
								H-4								
SV4-VWS-PL-V058	2	N	A	A	8"	BU	AO	SV4-VWS-M6-003	O	C	C	PI	2y			
												STC	Q			
												FST	Q			
Chilled Water Inlet Containment Isol Valve												LT	App.J			
SV4-VWS-PL-V062	2	N	AC	A	8"	CK	SA	SV4-VWS-M6-003	O	C/O	NA	CKC	CS	CSJ-VWS-1		
												CKOP	CS	CSJ-VWS-1	Thermal Expansion	
Fan Coolers Supply IC Isol Check Valve												LT	App.J			
								B-6								
SV4-VWS-PL-V080	2	N	AC	A	1"	RV	SA	SV4-VWS-M6-003	C	O/C	NA	RVT	10y		Thermal Relief	
Ctmt Cooling Unit Return CIV Relief																
								H-4				LT	App.J			
SV4-VWS-PL-V082	2	N	A	A	8"	BU	AO	SV4-VWS-M6-003	O	C	C	PI	2y			
												STC	Q			
												FST	Q			
Chilled Water Outlet Containment Isolation Valve												LT	App.J			
								G-4								
SV4-VWS-PL-V086	2	N	A	A	8"	BU	AO	SV4-VWS-M6-003	O	C	C	PI	2y			
												STC	Q			
												FST	Q			
Chilled Water Outlet Containment Isolation Valve												LT	App.J			
								G-3								

VOGTLE UNIT 4

WLS

Valve ID					Valve	Valve	Act.	Drawing	-----Position-----			Required			
Description	Class	Aug	Cat.	A/P	Size	Type	Type	& Coord	Normal	Safety	Fail-Safe	Test	Freq	Code Dev.	Plan Notes
SV4-WLS-PL-V055	2	N	A	A	2"	PL	AO	SV4-WLS-M6-001 C-4	C	C	C	PI STC FST LT	2y Q Q App.J		
Containment Sump Discharge CIV - IRC															
SV4-WLS-PL-V057	2	N	A	A	2"	PL	AO	SV4-WLS-M6-001 C-3	C	C	C	PI STC FST LT	2y Q Q App.J		
Containment Sump Discharge CIV - ORC															
SV4-WLS-PL-V058	2	N	AC	A	1"	RV	SA	SV4-WLS-M6-001 C-4	C	O/C	NA	RVT LT	10y App.J		Thermal Relief
Containment Sump Discharge Penetration Thermal Relief															
SV4-WLS-PL-V067	2	N	A	A	1"	GL	AO	SV4-WLS-M6-001 E-3	C	C	C	PI STC FST LT	2y Q Q App.J		
RCDT Gas Outlet CIV - IRC															
SV4-WLS-PL-V068	2	N	A	A	1"	GL	AO	SV4-WLS-M6-001 E-3	C	C	C	PI STC FST LT	2y Q Q App.J		
RCDT Gas Outlet CIV - ORC															
SV4-WLS-PL-V071A	3	N	C	A	4"	CK	SA	SV4-WLS-M6-001 C-8	C	C/O	NA	CKC CKO	CS CS	CSJ-WLS-1	CSJ-WLS-1
CVS Compt Floor Drain Check															
SV4-WLS-PL-V071B	3	N	C	A	4"	CK	SA	SV4-WLS-M6-001 G-8	C	C/O	NA	CKC CKO	CS CS	CSJ-WLS-1	CSJ-WLS-1
PXS Compt A Floor Drain Check															
SV4-WLS-PL-V071C	3	N	C	A	4"	CK	SA	SV4-WLS-M6-001 G-8	C	C/O	NA	CKC CKO	CS CS	CSJ-WLS-1	CSJ-WLS-1
PXS Compt B Floor Drain Check															
SV4-WLS-PL-V072A	3	N	C	A	4"	CK	SA	SV4-WLS-M6-001 C-7	C	C/O	NA	CKC CKO	CS CS	CSJ-WLS-1	CSJ-WLS-1
CVS Compt Floor Drain Check															
SV4-WLS-PL-V072B	3	N	C	A	4"	CK	SA	SV4-WLS-M6-001 G-8	C	C/O	NA	CKC CKO	CS CS	CSJ-WLS-1	CSJ-WLS-1
PXS Compt A Floor Drain Check															
SV4-WLS-PL-V072C	3	N	C	A	4"	CK	SA	SV4-WLS-M6-001 G-8	C	C/O	NA	CKC CKO	CS CS	CSJ-WLS-1	CSJ-WLS-1
PXS Compt B Floor Drain Check															

9.0 COLD SHUTDOWN TESTING JUSTIFICATIONS

COLD SHUTDOWN JUSTIFICATION
CSJ-CAS-1

SYSTEM: Compressed Air (Service)

VALVE(S): SV3/4-CAS-PL-V205

CATEGORY: A/C

CLASS: 2

FUNCTION: This valve closes to perform containment isolation.

QUARTERLY TEST
REQUIREMENT: Exercise valve, partial open check valve, close check valve.

PARTIAL QUARTERLY
STROKE TESTING: None

COLD SHUTDOWN
JUSTIFICATION: This valve is closed during operation due to service air to containment being isolated by the manual valve outside containment being locked closed for Containment Isolation, per Tech. Specs. Check valve cannot be exercised without violating Tech. Specs. by opening manual valve.

COLD SHUTDOWN JUSTIFICATION
CSJ –CVS-1

SYSTEM:	Chemical Volume & Control
VALVE(S):	SV3/4-CVS- PL- V067, V080, V081 & V082
CATEGORY:	C
CLASS:	1, 3(V080)
FUNCTION:	These valves provide the flow path from the CVS demins back to the RCS, and provide RCS pressure boundary isolation by preventing backflow from the RCS to the non-safety related CVS piping.
QUARTERLY TEST REQUIREMENT:	Exercise check valve part open and closed.
COLD SHUTDOWN JUSTIFICATION:	Testing of these valves during normal power operation would require an entry into containment, and interruption of CVS purification flow, and a potential thermal transient on the CVS purification system and piping when placing the system back into service at power.
QUARTERLY PARTIAL STROKE TESTING:	None. No indication of obturator position to verify partial stroking of valves. CVS purification flow confirms flow through the valves, but not obturator function.
COLD SHUTDOWN TESTING:	Exercise check valve part open and closed.

COLD SHUTDOWN JUSTIFICATION
CSJ–CVS-2

SYSTEM:	Chemical Volume & Control
VALVE(S):	SV3/4-CVS-PL-V064, V100
CATEGORY:	A, C
CLASS:	2
FUNCTION:	These valves are in the make-up flow path from the CVS make-up pumps to the RCS and provide a path to accommodate thermal expansion of water in the containment penetration. V100 also provides containment pressure boundary isolation by preventing backflow.
QUARTERLY TEST REQUIREMENT:	Exercise check valve part open and closed.
COLD SHUTDOWN JUSTIFICATION:	Testing of these valves during normal power operation would require an entry into containment to isolate of the make-up line, and install and operate a hydro pump.
QUARTERLY PARTIAL STROKE TESTING:	None. No indication of obturator position to verify partial stroking of valve. CVS make-up flow confirms flow through the valves, but not obturator function.
COLD SHUTDOWN TESTING:	Exercise check valve part open and closed.

COLD SHUTDOWN JUSTIFICATION
CSJ–DWS-1

SYSTEM: Demineralized Water

VALVE(S): SV3/4-DWS-PL-V245

CATEGORY: A/C

CLASS: 2

FUNCTION: This valve closes to perform containment isolation.

QUARTERLY TEST
REQUIREMENT: Exercise valve, partial open check valve, close check valve.

PARTIAL QUARTERLY
STROKE TESTING: None

COLD SHUTDOWN
JUSTIFICATION: This valve is closed during operation due to demineralized water to containment being isolated by the manual valve outside containment being locked closed for Containment Isolation, per Tech. Specs. Check valve cannot be exercised without violating Tech. Specs. by opening manual valve.

COLD SHUTDOWN JUSTIFICATION
CSJ-FPS-1

SYSTEM:	Fire Protection
VALVE(S):	SV3/4-FPS-PL-V052
CATEGORY:	A/C
CLASS:	2
FUNCTION:	This valve closes to perform containment isolation.
QUARTERLY TEST REQUIREMENT:	Exercise valve, partial open check valve, close check valve.
PARTIAL QUARTERLY STROKE TESTING:	None
COLD SHUTDOWN JUSTIFICATION:	This valve is closed during operation due to fire water to containment being isolated by the manual valve outside containment being locked closed for Containment Isolation, per Tech. Specs. Check valve cannot be exercised without violating Tech. Specs. by opening manual valve.

COLD SHUTDOWN JUSTIFICATION
CSJ–MSS-1

SYSTEM:	Main Steam
VALVE(S):	SV3/4-MSS-PL-V015A/B
CATEGORY:	B
CLASS:	N
FUNCTION:	This valve closes to isolate main steam in the event of an MSIV failure.
QUARTERLY TEST REQUIREMENT:	Stroke time closed, fail-safe.
PARTIAL QUARTERLY STROKE TESTING:	None. Valves do not have partial open control feature.
COLD SHUTDOWN JUSTIFICATION:	These valves supply main steam to the MSRs during power operation to remove moisture from the reheat steam going through the low-pressure turbines. Operating these valves at power would result in a secondary thermal transient, and erosion damage to the low-pressure turbine blades.

COLD SHUTDOWN JUSTIFICATION
CSJ-PXS-1

SYSTEM:	Passive Core Cooling
VALVE(S):	SV3/4-PXS-PL-V108A/B
CATEGORY:	B
CLASS:	1
FUNCTION:	These valves are located at the discharge of the PRHR heat exchanger to the RCS. They are closed during normal operation and shutdown, and open on a PRHR HX actuation signal, to initiate PRHR HX heat removal in order to mitigate design basis accidents.
QUARTERLY TEST REQUIREMENT:	Exercise valve and stroke time open, fail-safe test.
COLD SHUTDOWN JUSTIFICATION:	These valves cannot be tested at power, as a reactor trip is generated if they are not closed.
QUARTERLY PARTIAL STROKE TESTING:	None.
COLD SHUTDOWN TESTING:	Exercise valve and stroke time open, fail-safe test.

COLD SHUTDOWN JUSTIFICATION
CSJ-PXS-2

SYSTEM: Passive Core Cooling

VALVE(S): SV3/4-PXS-PL-V122A/B, V124A/B

CATEGORY: C

CLASS: 1

FUNCTION: These valves are normally closed as there is no flow path during normal operations. These valves are required to open during any event during which the IRWST or Containment sump must provide injection flow to the RCS, and will close if there is reverse flow.

QUARTERLY TEST REQUIREMENT: Exercise check valve.

COLD SHUTDOWN JUSTIFICATION: Testing of these valves at power cannot be performed as there is no flow path since it is isolated by a squib valve. Testing requires entry into containment, isolation of a train of IRWST/Containment recirculation sump injection, and installation of temporary equipment to provide a flow path for the valves and to monitor their position during testing. Due to the personnel hazards involved this will be performed during cold shutdown.

PARTIAL QUARTERLY EXERCISE: None

COLD SHUTDOWN TESTING: Verification of check valve opening and closing will be performed.

COLD SHUTDOWN JUSTIFICATION
CSJ-PXS-3

SYSTEM:	Passive Core Cooling
VALVE(S):	SV3/4-PXS-PL-V231A/B
CATEGORY:	C
CLASS:	2
FUNCTION:	These valves open to allow filling of the CMTs from the Make-up pumps. The safety function of these valves is to allow flow from the trapped liquid between the check valve and the air operate fill valve in the event of thermal expansion due to heat-up of the area.
QUARTERLY TEST REQUIREMENT:	Exercise check valve.
COLD SHUTDOWN JUSTIFICATION:	A containment entry is required to be able to closure test these check valves.
PARTIAL QUARTERLY EXERCISE:	None. No indication of obturator position to verify partial stroking of the valves. Routine filling/make-up of the CMTs confirms flow through the valves, but not obturator function.
COLD SHUTDOWN TESTING:	Verification of check valve partial opening and closing will be performed.

COLD SHUTDOWN JUSTIFICATION
CSJ–RCS-1

SYSTEM:	Reactor Coolant
VALVE(S):	SV3/4-RCS-PL-V001A/B, V002A/B, V003A/B, V011A/B, V012A/B, V013A/B
CATEGORY:	B
CLASS:	1
FUNCTION:	These valves are located on the pressurizer and open to reduce the pressure in the RCS during loss-of-coolant accidents in order to permit safety injection by PXS.
QUARTERLY TEST REQUIREMENT:	Exercise valve and stroke time open, due to being High Safety Significant MOVs.
COLD SHUTDOWN JUSTIFICATION:	These valves cannot be tested at power as they are required to be closed to meet the requirements of 10CFR50.2, and to provide assurance that inadvertent RCS depressurization does not occur due to the mis-positioning of a single valve. An “ADS TEST MODE” signal is generated by the operators to allow this testing via Primary DSP soft controls. The signal requires that all of the isolation valves associated with the ADS valve being tested (including test valves V007A/B) be closed while the stroke testing of the ADS valve is done. The RCS HL must also be below 200°F (93°C). This ensures that inadvertent RCS depressurization does not occur during this process.
QUARTERLY PARTIAL STROKE TESTING:	None.
COLD SHUTDOWN TESTING:	Exercise valve and stroke time open.

COLD SHUTDOWN JUSTIFICATION
CSJ–RCS-2

SYSTEM:	Reactor Coolant
VALVE(S):	SV3/4-RCS-PL-V150A/B/C/D
CATEGORY:	B
CLASS:	1
FUNCTION:	These valves are the reactor head vent valves which can remove non-condensable gases or steam from the reactor vessel head to mitigate a possible condition of inadequate core cooling or impaired natural circulation through the steam generators resulting from the accumulation of non-condensable gases in the reactor coolant system. The reactor vessel head vent valves can also be operated from the main control room to provide an emergency letdown path which is used to prevent pressurizer overfill following long-term loss of heat sink events.
QUARTERLY TEST REQUIREMENT:	Exercise valve and stroke time open and closed, fail-safe test.
COLD SHUTDOWN JUSTIFICATION:	These valves cannot be tested at power, as exercising them would put the plant at risk of a loss of reactor coolant and RCS depressurization due to the mis-positioning of a single valve.
QUARTERLY PARTIAL STROKE TESTING:	None.
COLD SHUTDOWN TESTING:	Exercise valve and stroke time open and closed, fail-safe test.

COLD SHUTDOWN JUSTIFICATION
CSJ–RNS-1

SYSTEM:	Normal Residual Heat Removal
VALVE(S):	SV3/4-RNS-PL-V003A/B, V013, V015A/B, V017A/B
CATEGORY:	C
CLASS:	1, 2
FUNCTION:	These valves are in the flow path for RNS, and provide closure for RCS pressure boundary, or containment isolation (V013), and open to provide a path to accommodate thermal expansion of water isolated between valves, in the event of environmental heatup.
QUARTERLY TEST REQUIREMENT:	Exercise check valve.
COLD SHUTDOWN JUSTIFICATION:	These valves cannot be tested at power as they are located in containment and would require containment entry and set up of temporary test equipment in containment to test at power. Additionally, RNS cannot overcome RCS pressure during normal operation, and the suction flowpath is required to be isolated above 450 psig RCS pressure.
QUARTERLY PARTIAL STROKE TESTING:	None.
COLD SHUTDOWN TESTING:	Exercise check valve.

COLD SHUTDOWN JUSTIFICATION
CSJ-SGS-1

SYSTEM:	Steam Generator
VALVE(S):	SV3/4-SGS-PL-V040A/B, V057A/B, V250A/B
CATEGORY:	B
CLASS:	2 (V040A/B, V057A/B), 3 (V250A/B)
FUNCTION:	These valves isolate feedwater to, or steam from, the steam generators in the event of an accident in order to minimize mass release from the steam generators.
QUARTERLY TEST REQUIREMENT:	Exercise and stroke time closed, Fail-safe test.
COLD SHUTDOWN JUSTIFICATION:	These valves cannot be tested at power as closing them would result in a reactor trip due to the isolation of steam from, or feedwater to, the steam generator.
QUARTERLY PARTIAL STROKE TESTING:	None. The main steam and feedwater isolation valves do not have controls for partial stroke capability. Feedwater control valves, due to their control function are constantly stroking very small amounts , and more during power reductions. Since these are constantly in motion, no specific part stroke testing is called out but will be documented quarterly.
COLD SHUTDOWN TESTING:	Stroke time closed, and failsafe test.

COLD SHUTDOWN JUSTIFICATION
CSJ-SGS-2

SYSTEM:	Steam Generator
VALVE(S):	SV3/4-SGS-PL-V058A/B
CATEGORY:	B
CLASS:	2
FUNCTION:	These valves isolate feedwater from the steam generators in the event of an accident in order to minimize mass release from the steam generators. They partially open to allow for thermal expansion of water between these and the feedwater isolation valves.
QUARTERLY TEST REQUIREMENT:	Exercise check valve (partial open and closed).
COLD SHUTDOWN JUSTIFICATION:	These valves cannot be tested at power as it would require isolation of feedwater to the steam generator to perform the closed test, which would result in a reactor trip. Note that normal operation validates the open portion of the stroke.
QUARTERLY PARTIAL STROKE TESTING:	None. No indication of obturator position to verify partial stroking of the valves. Feedwater flow during power operation confirms flow through the valves, but not obturator function.
COLD SHUTDOWN TESTING:	Exercise check valve partially open and closed.

COLD SHUTDOWN JUSTIFICATION
CSJ-VWS-1

SYSTEM:	Chilled Water
VALVE(S):	SV3/4-VWS-PL-V062
CATEGORY:	A,C
CLASS:	2
FUNCTION:	This valve performs the function of containment isolation, and opens to accommodate thermal expansion of water trapped in the containment penetration following isolation.
QUARTERLY TEST REQUIREMENT:	Exercise check valve partially open and closed.
COLD SHUTDOWN JUSTIFICATION:	This valve cannot be tested at power, as it would require entry into containment to either install and monitor non-intrusive equipment or to install a means to provide back pressure against the valve to confirm closure. This would result in personnel hazard and/or long-term suspension of cooling to containment, which can result in containment temperatures exceeding allowable limits.
QUARTERLY PARTIAL STROKE TESTING:	None. No indication of obturator position to verify partial stroking of the valve. Flow during normal operation confirms flow through the valve, but not obturator function.
COLD SHUTDOWN TESTING:	Exercise check valve partially open and closed.

10.0 REFUELING OUTAGE TESTING FREQUENCY JUSTIFICATIONS

REFUELING OUTAGE JUSTIFICATION

ROJ –CAS-1

SYSTEM: Compressed Air (Instrument)

VALVE(S): 3-CAS-PL-V014, V015

CATEGORY: A, A/C

CLASS: 2

FUNCTION: These valves close to perform containment isolation.

QUARTERLY TEST REQUIREMENT: Stroke time exercise closed, exercise check valve closed.

BASIS FOR JUSTIFICATION: These valves are open during operation to provide instrument air to containment. Closing these valves during operation or cold shutdown would interrupt instrument air to containment. During operation this would result in PRHR heat exchanger outlet valves opening resulting in a Reactor Trip. During Cold Shutdown interrupting Instrument Air to containment would result in loss of control of air operated valves required to maintain control of the plant.

PARTIAL QUARTERLY EXERCISE: None. AOV does not have partial open control feature, check valve does not have ability to monitor obturator position while in service though normal operation confirms flow through the valve.

REFUELING SHUTDOWN TESTING: Exercise check valve, partial open, closed, which may be performed in conjunction with leak rate testing.

Stroke time closed, and Fail-Safe verification of AOV.

REFUELING OUTAGE JUSTIFICATION
ROJ –CCS-1

SYSTEM: Component Cooling Water

VALVE(S): SV3/4-CCS-PL-V201

CATEGORY: A/C

CLASS: 2

FUNCTION: This valve closes to perform containment isolation, and partially opens to accommodate thermal expansion of water in the containment penetration.

QUARTERLY TEST REQUIREMENT: Exercise check valve.

BASIS FOR JUSTIFICATION: This valve is open during operation due to supply Component cooling water to containment for RCP and Letdown heat exchanger cooling. Check valve cannot be exercised without interrupting cooling water flow to containment, which would interrupt cooling flow to the reactor coolant pumps resulting in a Reactor Coolant Pump Trip on high bearing water temperature, and subsequent Reactor Trip. Additionally, it would require an entry into containment to set-up equipment and test the valve.

Reactor coolant pumps are operated during Cold Shutdown if a bubble is maintained in the pressurizer, as the RCP is the preferred source of spray for Pressurizer Pressure control. Closure of this valve for testing would likely result in an RCP trip on high bearing water outlet temperature.

PARTIAL QUARTERLY EXERCISE: None. No indication of obturator position to verify partial stroking of valve. Normal CCS flow confirms flow through the valve, but not obturator function.

REFUELING SHUTDOWN TESTING: Verification of check valve closure. This may be done in conjunction with Local Leak rate testing. Partial open verification is demonstrated by normal operation and return to service following the closure test.

REFUELING OUTAGE JUSTIFICATION
ROJ-CVS-1

SYSTEM: Chemical Volume & Control

VALVE(S): SV3/4-CVS-PL-V084 & V085

CATEGORY: B (V084), C (V085)

CLASS: 1

FUNCTION: These valves are in the Auxiliary Spray supply line from CVS to the Pressurizer spray nozzle, and isolate the Reactor Coolant Pressure boundary.

QUARTERLY TEST REQUIREMENT: V084 - stroke time closed and fail-safe test; V085 -Exercise check valve (part open, closed).

BASIS FOR JUSTIFICATION: Testing of these valves during power operation, or COLD SHUTDOWN with the RCS pressurized, would result in a pressure transient in the RCS due to actuation of Auxiliary spray.

PARTIAL QUARTERLY EXERCISE: None

REFUELING SHUTDOWN TESTING: V084 - stroke time closed and fail-safe test; V085 -Exercise check valve (part open, closed).

REFUELING OUTAGE JUSTIFICATION
ROJ-PXS-1

SYSTEM: Passive Core Cooling

VALVE(S): SV3/4-PXS-PL-V016A/B, V017A/B

CATEGORY: C

CLASS: 1

FUNCTION: These valves remain open in a CMT actuation to provide flow from the CMT to the RCS. It is required to close to prevent reverse flow from the Accumulators through the CMT for large cold leg LOCA events, with a break either in the cold leg near the CMT pressure balance line or in the pressure balance line upstream of the CMT isolation valves, and subsequently reopen.

QUARTERLY TEST REQUIREMENT: Exercise check valve.

BASIS FOR JUSTIFICATION: Testing of these valves requires initiation of significant reverse flow to the DVI line which is not practical during operation due to the pressure of other systems supplying the DVI line and the normal operating pressure of the CMTs. Additionally, even if reverse flow could be achieved, flow to the CMT prior to the check valves seating would dilute the boron concentration of the CMT.

Since the check valves are in series there is no way to determine that both check valves closed. Testing requires that test connection lines on each valve be utilized and position indicators be inserted into the valves, which requires the RCS depressurized.

PARTIAL QUARTERLY EXERCISE: None

REFUELING SHUTDOWN TESTING: Verification of check valve closure on backflow conditions, and reopens following cessation of reverse flow.

REFUELING OUTAGE JUSTIFICATION

ROJ-PXS-2

SYSTEM: Passive Core Cooling

VALVE(S): SV3/4-PXS-PL-V028A/B, V029A/B

CATEGORY: AC

CLASS: 1

FUNCTION: These valves are normally closed to provide isolation of the RCS from the lower design pressure accumulators, and are required to open during any event during which the Accumulators must provide injection flow, and will close if there is reverse flow.

QUARTERLY TEST
REQUIREMENT: Exercise check valve.

BASIS FOR
JUSTIFICATION: Testing of these valves at power cannot be performed as the accumulators are at a lower pressure than the RCS, seating the check valves. These valves cannot be tested at Cold Shutdown due to the need for volume in the RCS to accept the injection flow. These valves need to be tested with the reactor head removed and the vessel in communication with the refueling cavity.

PARTIAL QUARTERLY
EXERCISE: None

REFUELING SHUTDOWN

TESTING: Verification of check valve opening and injection to the RCS with the RCS open to the refueling cavity, and recloses on cessation of flow. The valves are further verified closed during the PIV leak test following pressurization of the RCS.

REFUELING OUTAGE JUSTIFICATION

ROJ-PXS-3

SYSTEM: Passive Core Cooling

VALVE(S): SV3/4-PXS-PL-V119A/B

CATEGORY: C

CLASS: 3

FUNCTION: These valves are normally closed as there is no flow path during normal operations. These valves are required to open during any event during which the Containment Recirculation Sump must provide injection flow to the RCS, and will close if there is reverse flow.

QUARTERLY TEST
REQUIREMENT: Exercise check valve.

BASIS FOR
JUSTIFICATION: Testing of these valves at power cannot be performed as there is no water source, and the flow path is isolated by a squib valve. Testing requires opening the piping and using a mechanical exerciser to manipulate the valve. Since the valve is in containment and requires bypassing the recirculation sump screen, it will be performed during refueling outages.

PARTIAL QUARTERLY
EXERCISE: None

REFUELING SHUTDOWN
TESTING: Verification of check valve opening and closing will be performed with a mechanical exerciser and visual examination.

11.0 INSERVICE TESTING OF DYNAMIC RESTRAINTS

The VEGP 3&4 Inservice Testing Program for Dynamic Restraints (Snubbers) meets the requirements of Subsections ISTA and ISTD of the ASME OM Code 2012 Edition.

Snubber visual examination are performed in accordance with ISTD-4200, on the schedule established by ISTD-4250.

For testing the snubber population is divided into two Defined Test Plan Groups (DTPGs) for each Unit. One DTPG consists of all large bore snubbers attached to the steam generators (none are attached to the Reactor Coolant Pumps), and the second containing the balance of the snubbers. Both DTPGs will be tested in accordance with ISTD-5200, at the frequency specified by ISTD-5240, using the 10% Sample Plan in accordance with ISTD-5300.

Service Life monitoring will be performed for all snubbers in accordance with ISTD-6000.

12.0 DYNAMIC RESTRAINTS NOTES

13.0 VEGP-3 DYNAMIC RESTRAINTS TABLES

Vogtle Electric Generating Plant – Units 3&4 Dynamic Restraint Table -Unit 3

DTPG 1

Snubber ID	Pipe		Iso. Drawing/Co-ord	Accessible	Alt/CC	Comments/Notes
	Class	Type				
SV3-RCS-SS-E03A1	1	H	SV3-PH01-V1-001/G-7 & F-4	N		
SV3-RCS-SS-E03A2	1	H	SV3-PH01-V1-001/G-7 & F-4	N		
SV3-RCS-SS-E03B1	1	H	SV3-PH01-V1-001/G-7 & F-4	N		
SV3-RCS-SS-E03B2	1	H	SV3-PH01-V1-001/G-7 & F-4	N		

Vogtle Electric Generating Plant – Units 3&4

Dynamic Restraint Table -Unit 3

DTPG 2

Snubber ID	Pipe Class	Type	Iso. Drawing/Co-ord	Accessible	Alt/CC	Comments/Notes
<u>CVS</u>						
SV3-CVS-PH-11Y0262-1	3	H	SV3-CVS-PLW-171/D-4	N		
SV3-CVS-PH-11Y0262-2	3	H	SV3-CVS-PLW-171/D-4	N		
SV3-CVS-PH-11Y0268	1	H	SV3-CVS-PLW-188/C-4	N		
SV3-CVS-PH-11Y2040	1	H	SV3-CVS-PLW-171/C-5	N		
SV3-CVS-PH-11Y2223	1	H	SV3-CVS-PLW-171/C-5	N		
SV3-CVS-PH-11Y2224	1	H	SV3-CVS-PLW-171/C-4	N		
SV3-CVS-PH-11Y2227	3	H	SV3-CVS-PLW-171/C-3	N		
SV3-CVS-PH-11Y2229	1	H	SV3-CVS-PLW-182/C-6	N		
SV3-CVS-PH-11Y2263	N	H	SV3-CVS-PLW-091/C-4	N		
SV3-CVS-PH-11Y2265	N	H	SV3-CVS-PLW-091/B-6	N		
SV3-CVS-PH-11Y2266	N	H	SV3-CVS-PLW-091/B-6	N		
SV3-CVS-PH-11Y7074	3	H	SV3-CVS-PLW-187/B-5	N		
<u>PXS</u>						
SV3-PXS-PH-11Y0020	1	H	SV3-PXS-PLW-01Q/C-5	N		
SV3-PXS-PH-11Y0578	3	H	SV3-PXS-PLW-01Z/C-5	N		
SV3-PXS-PH-11Y2052	3	H	SV3-PXS-PLW-02E/C-5/6	N		
SV3-PXS-PH-11Y2057	3	H	SV3-PXS-PLW-015/C-5	N		
SV3-PXS-PH-11Y2059	3	H	SV3-PXS-PLW-01H/B-6	N		

Vogtle Electric Generating Plant – Units 3&4

Dynamic Restraint Table -Unit 3

DTPG 2 (cont)

Snubber ID	Pipe		Iso. Drawing/Co-ord	Accessible	Alt/CC	Comments/Notes
	Class	Type				
RCS						
SV3-RCS-PH-11Y0039	1	H	SV3-RCS-PLW-023/B-5	N		
SV3-RCS-PH-11Y0060-NE	1	H	SV3-RCS-PLW-023/C-6	N		
SV3-RCS-PH-11Y0060-NW	1	H	SV3-RCS-PLW-023/C-6	N		
SV3-RCS-PH-11Y0067	1	H	SV3-RCS-PLW-01L/D-4	N		
SV3-RCS-PH-11Y0081-1	1	H	SV3-CVS-PLW-188/D-6	N		
SV3-RCS-PH-11Y0081-2	1	H	SV3-CVS-PLW-188/D-6	N		
SV3-RCS-PH-11Y0082	1	H	SV3-RCS-PLW-028/C-5	N		
SV3-RCS-PH-11Y0090	1	H	SV3-PXS-PLW-050/C-3	N		
SV3-RCS-PH-11Y0103	1	H	SV3-RCS-PLW-043/C-4	N		
SV3-RCS-PH-11Y0112	1	H	SV3-RCS-PLW-016/B-5	N		
SV3-RCS-PH-11Y0388	1	H	SV3-RCS-PLW-030/D-3	N		
SV3-RCS-PH-11Y0391	1	H	SV3-RCS-PLW-03D/D-3	N		
SV3-RCS-PH-11Y0528	1	H	SV3-RCS-PLW-01K/D-6	N		
SV3-RCS-PH-11Y0810	1	H	SV3-RCS-PLW-080/B-5	N		
SV3-RCS-PH-11Y0811	1	H	SV3-RCS-PLW-080/B-4	N		
SV3-RCS-PH-11Y0813	1	H	SV3-RCS-PLW-070/B-4	N		
SV3-RCS-PH-11Y1127	1	H	SV3-RCS-PLW-021/C-5	N		
SV3-RCS-PH-11Y1130	1	H	SV3-RCS-PLW-024/C-4	N		
SV3-RCS-PH-11Y1132	1	H	SV3-RCS-PLW-023/B-5	N		
SV3-RCS-PH-11Y1134	1	H	SV3-RCS-PLW-023/B-6	N		
SV3-RCS-PH-11Y1140	1	H	SV3-RCS-PLW-029/B-6	N		
SV3-RCS-PH-11Y1141	1	H	SV3-RCS-PLW-023/C-6	N		
SV3-RCS-PH-11Y1144	1	H	SV3-CVS-PLW-182/B-4	N		
SV3-RCS-PH-11Y2005	1	H	SV3-RCS-PLW-015/C-5	N		

Vogtle Electric Generating Plant – Units 3&4

Dynamic Restraint Table -Unit 3

DTPG 2 (cont)

Snubber ID	Pipe Class	Type	Iso. Drawing/Co-ord	Accessible	Alt/CC	Comments/Notes
<u>RCS</u> (cont.)						
SV3-RCS-PH-11Y2101	1	H	SV3-RCS-PLW-01F/B-5	N		
SV3-RCS-PH-11Y2106	1	H	SV3-RCS-PLW-03B/D-3	N		
SV3-RCS-PH-11Y2107	1	H	SV3-RCS-PLW-03A/D-3	N		
SV3-RCS-PH-11Y2264	1	H	SV3-RCS-PLW-028/B-6	N		
<u>RNS</u>						
SV3-RNS-PH-12Y2060	3	H	SV3-RNS-PLW-091/C-6	Y		
<u>SGS</u>						
SV3-SGS-PH-11Y0001	2	H	SV3-SGS-PLW-020/C-7	N		
SV3-SGS-PH-11Y0002	2	H	SV3-SGS-PLW-020/C-7	N		
SV3-SGS-PH-11Y0004	2	H	SV3-SGS-PLW-020/C-5	N		
SV3-SGS-PH-11Y0057	2	H	SV3-SGS-PLW-010/C-4	N		
SV3-SGS-PH-11Y0058	2	H	SV3-SGS-PLW-010/B-7	N		
SV3-SGS-PH-11Y0063	2	H	SV3-SGS-PLW-010/B-7	N		
SV3-SGS-PH-11Y0463-LO	2	H	SV3-SGS-PLW-030/B-6	N		
SV3-SGS-PH-11Y0463-UP	2	H	SV3-SGS-PLW-030/B-6	N		
SV3-SGS-PH-11Y0464	2	H	SV3-SGS-PLW-030/A-5	N		
SV3-SGS-PH-11Y0470	2	H	SV3-SGS-PLW-040/B-6	N		
SV3-SGS-PH-11Y2002-NW	2	H	SV3-SGS-PLW-030/B/C-6	N		
SV3-SGS-PH-11Y2002-NE	2	H	SV3-SGS-PLW-030/B/C-6	N		
SV3-SGS-PH-11Y2021-NW	2	H	SV3-SGS-PLW-030/B-6	N		
SV3-SGS-PH-11Y2021-SW	2	H	SV3-SGS-PLW-030/B-6	N		
SV3-SGS-PH-11Y3101	2	H	SV3-SGS-PLW-040/B-5/6	N		

Vogtle Electric Generating Plant – Units 3&4 Dynamic Restraint Table -Unit 3

DTPG 2 (cont)

Snubber ID	Pipe		Iso. Drawing/Co-ord	Accessible	Alt/CC	Comments/Notes
	Class	Type				
SGS (cont)						
SV3-SGS-PH-11Y3102	2	H	SV3-SGS-PLW-040/C-6	N		
SV3-SGS-PH-11Y3121-NW	2	H	SV3-SGS-PLW-040/B-6	N		
SV3-SGS-PH-11Y3121-NE	2	H	SV3-SGS-PLW-040/B-6	N		
SV3-SGS-PH-11Y7057	2	H	SV3-SGS-PLW-040/C-6	N		
SV3-SGS-PH-12Y0108-UP	3	H	SV3-SGS-PLW-140/D-4	Y		
SV3-SGS-PH-12Y0108-DN	3	H	SV3-SGS-PLW-140/D-4	Y		
SV3-SGS-PH-12Y0136-UP	3	H	SV3-SGS-PLW-130/D-4	Y		
SV3-SGS-PH-12Y0136-DN	3	H	SV3-SGS-PLW-130/D-4	Y		
SV3-SGS-PH-12Y0507-UP	2	H	SV3-SGS-PLW-140/C-5	Y		
SV3-SGS-PH-12Y0507-DN	2	H	SV3-SGS-PLW-140/C-5	Y		
SV3-SGS-PH-12Y0510-UP	2	H	SV3-SGS-PLW-130/C-5	Y		
SV3-SGS-PH-12Y0510-DN	2	H	SV3-SGS-PLW-130/C-5	Y		
SV3-SGS-PH-12Y7056	2	H	SV3-SGS-PLW-130/B-6	Y		
SV3-SGS-PH-12Y7058	2	H	SV3-SGS-PLW-140/B-6	Y		

14.0 VEGP-4 DYNAMIC RESTRAINTS TABLES

Vogtle Electric Generating Plant – Units 3&4 Dynamic Restraint Table -Unit 4

DTPG 1

Snubber ID	Pipe		Iso. Drawing/Co-ord	Accessible	Alt/CC	Comments/Notes
	Class	Type				
SV4-RCS-SS-E03A1	1	H	SV4-PH01-V1-001/G-7 & F-4	N		
SV4-RCS-SS-E03A2	1	H	SV4-PH01-V1-001/G-7 & F-4	N		
SV4-RCS-SS-E03B1	1	H	SV4-PH01-V1-001/G-7 & F-4	N		
SV4-RCS-SS-E03B2	1	H	SV4-PH01-V1-001/G-7 & F-4	N		

Vogtle Electric Generating Plant – Units 3&4

Dynamic Restraint Table -Unit 4

DTPG 2

Snubber ID	Pipe Class	Type	Iso. Drawing/Co-ord	Accessible	Alt/CC	Comments/Notes
<u>CVS</u>						
SV4-CVS-PH-11Y0262-1	3	H	SV4-CVS-PLW-171/D-4	N		
SV4-CVS-PH-11Y0262-2	3	H	SV4-CVS-PLW-171/D-4	N		
SV4-CVS-PH-11Y0268	1	H	SV4-CVS-PLW-188/C-4	N		
SV4-CVS-PH-11Y2040	1	H	SV4-CVS-PLW-171/C-5	N		
SV4-CVS-PH-11Y2223	1	H	SV4-CVS-PLW-171/C-5	N		
SV4-CVS-PH-11Y2224	1	H	SV4-CVS-PLW-171/C-4	N		
SV4-CVS-PH-11Y2227	3	H	SV4-CVS-PLW-171/C-3	N		
SV4-CVS-PH-11Y2229	1	H	SV4-CVS-PLW-182/C-6	N		
SV4-CVS-PH-11Y2263	N	H	SV4-CVS-PLW-091/C-4	N		
SV4-CVS-PH-11Y2265	N	H	SV4-CVS-PLW-091/B-6	N		
SV4-CVS-PH-11Y2266	N	H	SV4-CVS-PLW-091/B-6	N		
SV4-CVS-PH-11Y7074	3	H	SV4-CVS-PLW-187/B-5	N		
<u>PXS</u>						
SV4-PXS-PH-11Y0020	1	H	SV4-PXS-PLW-01Q/C-5	N		
SV4-PXS-PH-11Y0578	3	H	SV4-PXS-PLW-01Z/C-5	N		
SV4-PXS-PH-11Y2052	3	H	SV4-PXS-PLW-02E/C-5/6	N		
SV4-PXS-PH-11Y2057	3	H	SV4-PXS-PLW-015/C-5	N		
SV4-PXS-PH-11Y2059	3	H	SV4-PXS-PLW-01H/B-6	N		

Vogtle Electric Generating Plant – Units 3&4

Dynamic Restraint Table -Unit 4

DTPG 2 (cont)

Snubber ID	Pipe		Iso. Drawing/Co-ord	Accessible	Alt/CC	Comments/Notes
	Class	Type				
RCS						
SV4-RCS-PH-11Y0039	1	H	SV4-RCS-PLW-023/B-5	N		
SV4-RCS-PH-11Y0060-NE	1	H	SV4-RCS-PLW-023/C-6	N		
SV4-RCS-PH-11Y0060-NW	1	H	SV4-RCS-PLW-023/C-6	N		
SV4-RCS-PH-11Y0067	1	H	SV4-RCS-PLW-01L/D-4	N		
SV4-RCS-PH-11Y0081-1	1	H	SV4-CVS-PLW-188/D-6	N		
SV4-RCS-PH-11Y0081-2	1	H	SV4-CVS-PLW-188/D-6	N		
SV4-RCS-PH-11Y0082	1	H	SV4-RCS-PLW-028/C-5	N		
SV4-RCS-PH-11Y0090	1	H	SV4-PXS-PLW-050/C-3	N		
SV4-RCS-PH-11Y0103	1	H	SV4-RCS-PLW-043/C-4	N		
SV4-RCS-PH-11Y0112	1	H	SV4-RCS-PLW-016/B-5	N		
SV4-RCS-PH-11Y0388	1	H	SV4-RCS-PLW-030/D-3	N		
SV4-RCS-PH-11Y0391	1	H	SV4-RCS-PLW-03D/D-3	N		
SV4-RCS-PH-11Y0528	1	H	SV4-RCS-PLW-01K/D-6	N		
SV4-RCS-PH-11Y0810	1	H	SV4-RCS-PLW-080/B-5	N		
SV4-RCS-PH-11Y0811	1	H	SV4-RCS-PLW-080/B-4	N		
SV4-RCS-PH-11Y0813	1	H	SV4-RCS-PLW-070/B-4	N		
SV4-RCS-PH-11Y1127	1	H	SV4-RCS-PLW-021/C-5	N		
SV4-RCS-PH-11Y1130	1	H	SV4-RCS-PLW-024/C-4	N		
SV4-RCS-PH-11Y1132	1	H	SV4-RCS-PLW-023/B-5	N		
SV4-RCS-PH-11Y1134	1	H	SV4-RCS-PLW-023/B-6	N		
SV4-RCS-PH-11Y1140	1	H	SV4-RCS-PLW-029/B-6	N		
SV4-RCS-PH-11Y1141	1	H	SV4-RCS-PLW-023/C-6	N		
SV4-RCS-PH-11Y1144	1	H	SV4-CVS-PLW-182/B-4	N		
SV4-RCS-PH-11Y2005	1	H	SV4-RCS-PLW-015/C-5	N		

Vogtle Electric Generating Plant – Units 3&4

Dynamic Restraint Table -Unit 4

DTPG 2 (cont)

Snubber ID	Pipe Class	Type	Iso. Drawing/Co-ord	Accessible	Alt/CC	Comments/Notes
<u>RCS</u> (cont.)						
SV4-RCS-PH-11Y2101	1	H	SV4-RCS-PLW-01F/B-5	N		
SV4-RCS-PH-11Y2106	1	H	SV4-RCS-PLW-03B/D-3	N		
SV4-RCS-PH-11Y2107	1	H	SV4-RCS-PLW-03A/D-3	N		
SV4-RCS-PH-11Y2264	1	H	SV4-RCS-PLW-028/B-6	N		
<u>RNS</u>						
SV4-RNS-PH-12Y2060	3	H	SV4-RNS-PLW-091/C-6	Y		
<u>SGS</u>						
SV4-SGS-PH-11Y0001	2	H	SV4-SGS-PLW-020/C-7	N		
SV4-SGS-PH-11Y0002	2	H	SV4-SGS-PLW-020/C-7	N		
SV4-SGS-PH-11Y0004	2	H	SV4-SGS-PLW-020/C-5	N		
SV4-SGS-PH-11Y0057	2	H	SV4-SGS-PLW-010/C-4	N		
SV4-SGS-PH-11Y0058	2	H	SV4-SGS-PLW-010/B-7	N		
SV4-SGS-PH-11Y0063	2	H	SV4-SGS-PLW-010/B-7	N		
SV4-SGS-PH-11Y0463-LO	2	H	SV4-SGS-PLW-030/B-6	N		
SV4-SGS-PH-11Y0463-UP	2	H	SV4-SGS-PLW-030/B-6	N		
SV4-SGS-PH-11Y0464	2	H	SV4-SGS-PLW-030/A-5	N		
SV4-SGS-PH-11Y0470	2	H	SV4-SGS-PLW-040/B-6	N		
SV4-SGS-PH-11Y2002-NW	2	H	SV4-SGS-PLW-030/B/C-6	N		
SV4-SGS-PH-11Y2002-NE	2	H	SV4-SGS-PLW-030/B/C-6	N		
SV4-SGS-PH-11Y2021-NW	2	H	SV4-SGS-PLW-030/B-6	N		
SV4-SGS-PH-11Y2021-SW	2	H	SV4-SGS-PLW-030/B-6	N		
SV4-SGS-PH-11Y3101	2	H	SV4-SGS-PLW-040/B-5/6	N		

Vogtle Electric Generating Plant – Units 3&4 Dynamic Restraint Table -Unit 4

DTPG 2 (cont)

Snubber ID	Pipe Class	Type	Iso. Drawing/Co-ord	Accessible	Alt/CC	Comments/Notes
SGS (cont)						
SV4-SGS-PH-11Y3102	2	H	SV4-SGS-PLW-040/C-6	N		
SV4-SGS-PH-11Y3121-NW	2	H	SV4-SGS-PLW-040/B-6	N		
SV4-SGS-PH-11Y3121-NE	2	H	SV4-SGS-PLW-040/B-6	N		
SV4-SGS-PH-11Y7057	2	H	SV4-SGS-PLW-040/C-6	N		
SV4-SGS-PH-12Y0108-UP	3	H	SV4-SGS-PLW-140/D-4	Y		
SV4-SGS-PH-12Y0108-DN	3	H	SV4-SGS-PLW-140/D-4	Y		
SV4-SGS-PH-12Y0136-UP	3	H	SV4-SGS-PLW-130/D-4	Y		
SV4-SGS-PH-12Y0136-DN	3	H	SV4-SGS-PLW-130/D-4	Y		
SV4-SGS-PH-12Y0507-UP	2	H	SV4-SGS-PLW-140/C-5	Y		
SV4-SGS-PH-12Y0507-DN	2	H	SV4-SGS-PLW-140/C-5	Y		
SV4-SGS-PH-12Y0510-UP	2	H	SV4-SGS-PLW-130/C-5	Y		
SV4-SGS-PH-12Y0510-DN	2	H	SV4-SGS-PLW-130/C-5	Y		
SV4-SGS-PH-12Y7056	2	H	SV4-SGS-PLW-130/B-6	Y		
SV4-SGS-PH-12Y7058	2	H	SV4-SGS-PLW-140/B-6	Y		

15.0 REFERENCES

15.1 General References

- 15.1.1 ASME Operation and Maintenance of Nuclear Power Plants Code, 2012 Edition (ASME OM-2012)
- 15.1.2 Vogtle 3&4 Updated Final Safety Analysis Report, Revision 8.2
- 15.1.3 Appendix A, Vogtle Electric Generating Plant, Units 3 and 4 Technical Specifications, Amendment 172 (Unit 3), Amendment 170 (Unit 4).
- 15.1.4 LDCR-2017-070, Main Control Room Emergency Habitability System (VES) Changes to Satisfy Post-Actuation Performance Requirements (LAR-17-001) [Design Change Package, APP-GW-GEE-4733, Revision 0]
- 15.1.5 Corrective Action Request 50001849
- 15.1.6 Letter from Victor E. Hall (NRC) to Brian Whitley (SNC) dated March 2, 2020, "VOGTLE ELECTRIC GENERATING PLANT, UNIT 4 – REQUEST FOR ALTERNATIVE UNDER TITLE 10 OF THE CODE OF FEDERAL REGULATIONS, SECTION 50.55a(z)(1): ALTERNATIVE REQUIREMENTS FOR INSERVICE TEST INTERVAL CODE EDITION, UNIT 4 (IST-ALT-01)", ADAMS Ascension No. ML20045D517.

15.2 System Specification Documents

- 15.2.1 SV3-CAS-M3-001, AP1000 Compressed and Instrument Air System (CAS) - System Specification Document, Revision 0 [APP-CAS-M3-001, Rev. 2]
- 15.2.2 SV4-CAS-M3-001, AP1000 Compressed and Instrument Air System (CAS) - System Specification Document, Revision 0 [APP-CAS-M3-001, Rev. 2]
- 15.2.3 APP-CCS-M3-001, AP1000 Component Cooling Water-System Description Document, Revision 5
- 15.2.4 APP-CNS-M3-001, Containment System: System Specification Document, Revision 6
- 15.2.5 APP-CVS-M3-001, AP1000 Chemical and Volume Control System (CVS) System Specification Document, Revision 9
- 15.2.6 SV3-DWS-M3-001, Demineralized Water Transfer and Storage System (DWS), System Specification Document, Revision 1 [APP-DWS-M3-001, Rev. 2]
- 15.2.7 SV4-DWS-M3-001, Demineralized Water Transfer and Storage System (DWS), System Specification Document, Revision 1 [APP-DWS-M3-001, Rev. 2]
- 15.2.8 APP-FHS-M3-001, AP1000 Fuel Handling System - System Specification Document, Revision 4
- 15.2.9 SV3-FPS-M3-001, AP1000 Fire Protection System - System Specification Document, Revision 0 [APP-FPS-M3-001, Rev. 0]
- 15.2.10 SV4-FPS-M3-001, AP1000 Fire Protection System - System Specification Document, Revision 0 [APP-FPS-M3-001, Rev. 0]

- 15.2.11 APP-MSS-M3-001, AP1000 Main Steam System Specification Document, Revision 4
- 15.2.12 APP-MTS-M3-001, AP1000 Main Turbine System - System Specification Document, Revision 4
- 15.2.13 APP-PCS-M3-001, Passive Containment Cooling System - System Specification Document, Revision 11
- 15.2.14 APP-PSS-M3-001, AP1000 Primary Sampling System - System Specification Document, Revision 5
- 15.2.15 SV3-PWS-M3-001, AP1000 Potable Water System (PWS) - System Specification Document, Revision 0 [APP-PWS-M3-001, Rev. 2]
- 15.2.16 SV4-PWS-M3-001, AP1000 Potable Water System (PWS) - System Specification Document, Revision 0 [APP-PWS-M3-001, Rev. 2]
- 15.2.17 APP-PXS-M3-001, Passive Core Cooling System, System Specification Document, Revision 10
- 15.2.18 APP-RCS-M3-001, Reactor Coolant System, System Specification Document, Revision 12
- 15.2.19 APP-RNS-M3-001, Normal Residual Heat Removal System - System Specification Document, Revision 7
- 15.2.20 APP-SDS-M3-001, Sanitary Drainage System (SDS) System Specification Document, Revision 1
- 15.2.21 APP-SFS-M3-001, AP1000 Spent Fuel Pool Cooling System - System Specification Document, Revision 12
- 15.2.22 APP-SGS-M3-001, Steam Generator System (SGS) System Specification Document, Revision 8
- 15.2.23 SV3-VBS-M3-001, Nuclear Island Nonradioactive Ventilation System, System Specification Document, Revision 2 [APP-VBS-M3-001, Rev. 2]
- 15.2.24 SV4-VBS-M3-001, Nuclear Island Nonradioactive Ventilation System, System Specification Document, Revision 2 [APP-VBS-M3-001, Rev. 2]
- 15.2.25 SV3-VES-M3-001, AP1000 Main Control Room Emergency Habitability System (VES) - System Specification Document, Revision 4 [APP-VES-M3-001, Rev. 8]
- 15.2.26 SV4-VES-M3-001, AP1000 Main Control Room Emergency Habitability System (VES) - System Specification Document, Revision 4 [APP-VES-M3-001, Rev. 8]
- 15.2.27 SV3-VFS-M3-001, Containment Air Filtration System - System Specification Document, Revision 0 [APP-VFS-M3-001, Rev. 1]
- 15.2.28 SV4-VFS-M3-001, Containment Air Filtration System - System Specification Document, Revision 0 [APP-VFS-M3-001, Rev. 1]
- 15.2.29 APP-VUS-M3-001, AP1000 Containment Leak Rate Test System - System Specification Document, Revision 6
- 15.2.30 SV3-VWS-M3-001, Central Chilled Water System - System Specification Document, Revision 1 [APP-VWS-M3-001, Rev. 0]
- 15.2.31 SV4-VWS-M3-001, Central Chilled Water System - System Specification Document, Revision 1 [APP-VWS-M3-001, Rev. 0]

- 15.2.32 SV3-WLS-M3-001, AP1000 Plant Liquid Radwaste System - System Specification Document, Revision 0 [APP-WLS-M3-001, Rev. 9]
- 15.2.33 SV4-WLS-M3-001, AP1000 Plant Liquid Radwaste System - System Specification Document, Revision 0 [APP-WLS-M3-001, Rev. 9]
- 15.2.34 SV3-WWS-M3-001, Waste Water System (WWS) – System Specification Document, Revision 1 [APP-WWS-M3-001, Rev. 4]
- 15.2.35 SV4-WWS-M3-001, Waste Water System (WWS) – System Specification Document, Revision 1 [APP-WWS-M3-001, Rev. 4]
- 15.3 Piping and Instrumentation Diagrams – Unit 3
 - 15.3.1 SV3-CAS-M6-005, Revision 5
 - 15.3.2 SV3-CAS-M6-012, Revision 4
 - 15.3.3 SV3-CCS-M6-002, Revision 6
 - 15.3.4 SV3-CNS-M6-001, Revision 0
 - 15.3.5 SV3-CNS-M6-002, Revision 0
 - 15.3.6 SV3-CVS-M6-001, Revision 6
 - 15.3.7 SV3-CVS-M6-003, Revision 7
 - 15.3.8 SV3-CVS-M6-004, Revision 5
 - 15.3.9 SV3-CVS-M6-005, Revision 3
 - 15.3.10 SV3-DWS-M6-007, Revision 2
 - 15.3.11 SV3-FPS-M6-004, Revision 6
 - 15.3.12 SV3-MSS-M6-001, Revision 2
 - 15.3.13 SV3-MTS-M6-002, Revision 4
 - 15.3.14 SV3-PCS-M6-001, Revision 5
 - 15.3.15 SV3-PCS-M6-002, Revision 4
 - 15.3.16 SV3-PCS-M6-003, Revision 2
 - 15.3.17 SV3-PSS-M6-001, Revision 6
 - 15.3.18 SV3-PWS-M6-002, Revision 5
 - 15.3.19 SV3-PXS-M6-001, Revision 6
 - 15.3.20 SV3-PXS-M6-002, Revision 9
 - 15.3.21 SV3-PXS-M6-003, Revision 5
 - 15.3.22 SV3-PXS-M6-004, Revision 3
 - 15.3.23 SV3-PXS-M6-005, Revision 0
 - 15.3.24 SV3-RCS-M6-001, Revision 7
 - 15.3.25 SV3-RCS-M6-002, Revision 9
 - 15.3.26 SV3-RCS-M6-003, Revision 4
 - 15.3.27 SV3-RCS-M6-004, Revision 4
 - 15.3.28 SV3-RCS-M6-005, Revision 1
 - 15.3.29 SV3-RNS-M6-001, Revision 4
 - 15.3.30 SV3-SDS-M6-001, Revision 2
 - 15.3.31 SV3-SFS-M6-001, Revision 6
 - 15.3.32 SV3-SGS-M6-001, Revision 7

- 15.3.33 SV3-SGS-M6-002, Revision 7
- 15.3.34 SV3-VBS-M6-002, Revision 7
- 15.3.35 SV3-VBS-M6-007, Revision 9
- 15.3.36 SV3-VES-M6-001, Revision 1
- 15.3.37 SV3-VES-M6-002, Revision 4
- 15.3.38 SV3-VFS-M6-001, Revision 8
- 15.3.39 SV3-VUS-M6-001, Revision 2
- 15.3.40 SV3-VWS-M6-003, Revision 3
- 15.3.41 SV3-WLS-M6-001, Revision 4
- 15.3.42 SV3-WLS-M6-007, Revision 5
- 15.3.43 SV3-WWS-M6-005, Revision 6

15.4 Piping and Instrumentation Diagrams – Unit 4

- 15.4.1 SV4-CAS-M6-005, Revision 6
- 15.4.2 SV4-CAS-M6-012, Revision 5
- 15.4.3 SV4-CCS-M6-002, Revision 6
- 15.4.4 SV4-CNS-M6-001, Revision 0
- 15.4.5 SV4-CNS-M6-002, Revision 0
- 15.4.6 SV4-CVS-M6-001, Revision 5
- 15.4.7 SV4-CVS-M6-003, Revision 6
- 15.4.8 SV4-CVS-M6-004, Revision 4
- 15.4.9 SV4-CVS-M6-005, Revision 3
- 15.4.10 SV4-DWS-M6-007, Revision 2
- 15.4.11 SV4-FPS-M6-004, Revision 6
- 15.4.12 SV4-MSS-M6-001, Revision 2
- 15.4.13 SV4-MTS-M6-002, Revision 4
- 15.4.14 SV4-PCS-M6-001, Revision 5
- 15.4.15 SV4-PCS-M6-002, Revision 4
- 15.4.16 SV4-PCS-M6-003, Revision 3
- 15.4.17 SV4-PSS-M6-001, Revision 6
- 15.4.18 SV4-PWS-M6-002, Revision 6
- 15.4.19 SV4-PXS-M6-001, Revision 6
- 15.4.20 SV4-PXS-M6-002, Revision 9
- 15.4.21 SV4-PXS-M6-003, Revision 5
- 15.4.22 SV4-PXS-M6-004, Revision 3
- 15.4.23 SV4-PXS-M6-005, Revision 0
- 15.4.24 SV4-RCS-M6-001, Revision 7
- 15.4.25 SV4-RCS-M6-002, Revision 9
- 15.4.26 SV4-RCS-M6-003, Revision 4
- 15.4.27 SV4-RCS-M6-004, Revision 4
- 15.4.28 SV4-RNS-M6-001, Revision 4
- 15.4.29 SV4-SDS-M6-001, Revision 2

- 15.4.30 SV4-SFS-M6-001, Revision 6
- 15.4.31 SV4-SGS-M6-001, Revision 7
- 15.4.32 SV4-SGS-M6-002, Revision 7
- 15.4.33 SV4-VBS-M6-002, Revision 7
- 15.4.34 SV4-VBS-M6-007, Revision 9
- 15.4.35 SV4-VES-M6-001, Revision 1
- 15.4.36 SV4-VES-M6-002, Revision 4
- 15.4.37 SV4-VFS-M6-001, Revision 8
- 15.4.38 SV4-VUS-M6-001, Revision 2
- 15.4.39 SV4-VWS-M6-003, Revision 3
- 15.4.40 SV4-WLS-M6-001, Revision 3
- 15.4.41 SV4-WLS-M6-007, Revision 4
- 15.4.42 SV4-WWS-M6-005, Revision 4