Southern Nuclear

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June 3, 2020

Docket Nos.: 52-025
52-026

ND-20-0645
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 Preservice Test Plan – Version 3.0

Ladies and Gentlemen:

In accordance with the applicable 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 Preservice Test Plan Version 3.0. This version adds previously approved PST-Alt-02 (ML19130A218) for pressurizer relief valve testing, adds a thermal relief function for several valves consistent with recently submitted Inservice Test Program (ML20142A358), removes a closed safety function for RCS-PL-V001A/B, revises to reflect a fail-safe test for RNS-PL-V061, and includes revised references, and various editorial and grammatical revisions.

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,

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

Enclosure 1: Vogtle Electric Generating Plant Units 3&4, Preservice Test Plan Version 3.0

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Southern Nuclear Operating Company

ND-20-0645
Enclosure 1

Vogtle Electric Generating Plant Units 3 and 4

Preservice Test Plan Version 3.0
(dated May 12, 2020)

(This enclosure consists of 127 pages, not including this cover page.)

PRESERVICE TEST PLAN

Vogtle Electric Generating Plant Units 3&4

Docket Nos. 52-025 & 52-026

License Nos. NPF-91 & 92

May 12, 2020

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

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

Plant Location: 7825 River Road
Waynesboro, GA 30830

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1.0 PST PROGRAM INTRODUCTION

1.1 GENERAL

This document describes the Pump, Valve, and Dynamic Restraint Preservice Testing (PST) Plan for the Vogtle Electric Generating Plant (VEGP), Units 3 & 4. Provided below are important dates relative to the PST Plan.

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

Estimated Commercial Operation: November 2021 (Unit 3); November 2022 (Unit 4)

1.2 CODE EDITION

This PST Plan is based on the American Society of Mechanical Engineers (ASME) Operation and Maintenance of Nuclear Power Plants (OM) Code 2012 Edition, which was approved for use in 10 CFR 50.55a effective August 17, 2017.

1.3 EFFECTIVE DATE

The PST plan will begin on the date of the submittal of this plan and conclude with the initial electrical generation by nuclear heat on each unit, unless federal regulations are revised otherwise.

1.4 SCOPE

This document is a description of the PST Plan for Units 3 and 4 at VEGP. This document describes only the PST 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 PST plan in the Updated Final Safety Analysis Report (UFSAR).

To ensure that components that meet the Scope requirements of the OM Code, but may not be required to be 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 PST plan includes all Safety Related (AP1000 Quality group A, B, C) pumps, valves and dynamic restraints that meet the Scope of ISTA-1100, and ISTF-1100.

1.5 SUBSEQUENT PLAN REVISIONS

It is anticipated that revisions to this document required by changes to the design during the Preservice Test Period will be maintained on site. Any changes which require NRC approval of Alternative testing requirements will be submitted in accordance with 10CFR50.55(a)(z).

1.6 RESPONSIBILITY

Southern Nuclear Operating Company (SNC) bears the overall responsibility for the implementation of the Preservice testing activities contained in this program per the ASME OM Code, 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, Subsection ISTA-9000.

2.0 ABBREVIATIONS

ABBREVIATION	DEFINITION
A	Active (valve table)
A	OM Code Category “A” Valve
AC	OM Code Categories “A” and “C” both apply
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. 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
BA	Ball Valve
BU	Butterfly Valve
C	OM Code Category “C” Valve
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
CVS	Chemical and Volume Control System
CV	Check Valve
D	OM Code Category “D” Valve
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
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
III-3100	MOV capability verification per ASME OM Code App. III-3100
III-3300	MOV Preservice test per ASME OM Code App. III-3300

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.

Alternative VEGP 3&4-PST-Alt-01 to the PST plan, regarding charge testing of explosively actuated valves was authorized by the NRC on 3/26/2019, and is attached.

Alternative VEGP 3&4-PST-Alt-02 to the PST plan, regarding testing of Class 1 safety valves before initial electric power generation, was authorized by the NRC on 5/28/2019, and is attached.

3.2 CODE CASES

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

No Code Cases are currently used in this PST plan.

Alternative VEGP3&4-PST-Alt-01

Plant Site-Unit:	Vogtle Electric Generating Plant (VEGP) – Units 3 and 4
Interval-Interval Dates:	Applies to the preservice testing period.
Approval Date:	March 26, 2019.
ASME Code Components Affected:	ASME Class 1 and 3 Explosively Actuated Valves.
Applicable Code Edition and Addenda:	ASME OM Code, 2012 Edition (Code of Record).
Applicable Code Requirements:	ASME OM Code, ISTC-3100(d)(2) requires that for post-2000 plants, Category D explosively actuated valves shall be preservice tested as follows: Select a sample of at least 20% of the pyrotechnic charges in all valves to be tested. Test each selected charge either in the valve, or a qualified test fixture to confirm the capability of each sampled charge to provide the necessary motive force to operate the valve to perform its intended function without damage to the valve body or connected piping. The sampling must include at least one explosively actuated valve from each redundant safety train.
Reason for Request:	Based on the ASME OM Code definition of preservice test, which states "test performed after completion of construction activities related to the component…," and the statement in ISTC-3100(d)(2) that "Pyrotechnic charges in all valves," it is implied that the charges must be installed in the valves, and the valves be installed in the system, prior to selection of the charges for testing. Handling of explosive charges exposes personnel to significant risks. Since the charges are fabricated and shipped separately, and the testing will be done by the vendor or another offsite test facility, the current requirements would involve shipping of the charges to the site, installation of the charges in the valves (which would be installed in the

	piping, in containment), removal of the charges, and shipment of the charges back to the vendor or other test facility. To minimize handling and transportation of explosive charges, it is proposed to select the charges after fabrication and retain for testing at the vendor, or in the worst case, ship them from the vendor to a separate facility for testing.
Proposed Alternative and Basis for Use:	**Proposed Alternative:** In lieu of the requirements of ISTC-3100(d)(2), perform the following: Select a sample of pyrotechnic charges, following fabrication for testing; this may include charges used for qualification of the batch. The sample shall include a quantity of charges equal to at least 20% of the number of charges of each size installed in the plant and shall include at least one from each manufacturer batch. A description of SNC's planned testing relative to the Code requirements is shown in Table 1 below. Each selected charge shall be tested in a qualified test fixture to confirm the capability of each sampled charge to provide the necessary motive force to operate the valve to perform its intended function without damage to the valve body or connected piping. **Basis for Use:** The proposed alternative provides an equivalent level of safety as it ensures the charges are tested to the same criteria, and that the charges are tested from each batch (manufacturer, lot and size). The allowance of crediting the qualification samples is equivalent to or better than ISTC-5260(d), which only requires test firing of one charge per batch prior to installation as a replacement charge. The requirement regarding inclusion of one test sample from each train is not applicable, because the charges are selected for testing prior to installation in the valve. However, the selection of charges for installation in valves of each train is random; therefore, the level of testing is equivalent. The proposed alternative provides improved personnel safety by minimizing the transportation and handling of explosive charges. Because the proposed alternative tests an equivalent number of pyrotechnic charges to the same criteria, this proposed alternative provides an acceptable level of quality and safety in accordance with 10 CFR 50.55a(z)(1).

Duration of Proposed Alternative:	Preservice testing conducted prior to commercial operation.
References:	None.

Table 1: Vogtle 3&4 Planned Explosively Actuated Valve Charge Testing per Purchase Specification

Batch	Charge size	Number in plants (number per unit x units)	IST (20%)	IST (1/train)	Number to be Tested	Number Fabricated
A	14" valves	8 (4 x 2)	2	4	8	16
B	8" valves – high	12 (6 x 2)	3	6	8	20
C	8" valves – low	4 (2 x 2)	1	2	8	12
Notes: 1. Each charge size is a single batch 2. There are two sizes of charges for the 8" explosively actuated valves, high energy and low energy						

Alternative VEGP3&4-PST-Alt-02

Plant Site-Unit:	Vogtle Electric Generating Plant (VEGP) – Units 3 and 4
Interval-Interval Dates:	Applies to the preservice testing period.
Date Authorized:	May 28, 2019
ASME Code Components Affected:	ASME Class 1 Safety Valves.
Applicable Code Edition and Addenda:	ASME OM Code, 2012 Edition (code of record).
Applicable Code Requirements:	ASME OM Code, I-7210 requires Class 1 safety valve testing. Within 6 months before initial reactor criticality, each valve shall have its set-pressure verified. Set-pressure verification shall be determined by pressurizing the system up to the valve set-pressure and opening the valve, or the valve may be tested at or below normal system operating pressures with an assist device.
Reason for Request:	The existing Code requirement implies that the safety valves be tested in place. The valves are located on top of the pressurizer. Due to the temperature environment of this location, testing of the safety valves presents a personnel safety issue to personnel performing the testing as it involves activities such as use of an assist device and installation of a gag on the valve not being tested. Also, the timing requirement of within 6 months before initial criticality provides potential scheduling issues. If the 6 months expires just before initial criticality, the plant would be in a hot, pressurized condition and would have to be cooled down and depressurized to replace the valves. Tying testing to the fuel load milestone is favorable since, for potential delays that

	push the fuel load date outside of the proposed 3 month test requirement, the plant would be in a cold and depressurized condition, and the valves could be removed and replaced without having to put a thermal cycle on the plant with the associated time delays of cooling down/depressurizing and subsequent return to normal operating temperature and pressure. Per discussions with the Appendix I Sub-Group, the purpose of this requirement is to ensure that the plant is started up with safety valves with recently verified setpoints and to ensure that valves do not go an excessive time prior to retesting if initial startup is prolonged. Additionally, they believe that I-7210 was not meant to preclude the use of pretested valves. The use of pretested valves is allowed per I-1320 in lieu of in place testing for routine inservice testing.
Proposed Alternative and Basis for Use:	**Proposed Alternative:** In lieu of performing setpoint testing with the valve installed in the system within 6 months before initial criticality in accordance with I-7210, Class 1 Safety Valves shall be replaced with Pretested valves. The set-pressure test of the valves shall not be more than 3 months prior to the commencement of Initial Fuel loading. The initial testing per I-1320, shall be no longer than 24 months from the date of the set-pressure verification test. **Basis for Use:** The Class 1 safety relief valves are Crosby, model number HB-BP-86. This manufacturer and model have been commonly used in the nuclear industry in this application and have a history of acceptable performance with regards to setpoint drift. The proposed alternative provides an equivalent level of safety as it ensures that the safety valves setpoints will be verified recently prior to beginning of fuel loading and subsequent initial startup activities, and that inservice valve testing is not extended past the normal frequency, even if the startup process prior to Initial Generation of Electricity by nuclear heat is prolonged. This alternative provides the additional benefit of improving personnel safety by not having personnel in a heat stress environment to perform in-place testing. If the schedule of startup activities begins to challenge a testing frequency of 24 months following the preservice test, SNC will evaluate additional setpoint testing prior to startup or performance of a mid-cycle shutdown to ensure inservice testing is performed at the required inservice testing interval. A

	review was performed of Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) 2.1.02.08a.ii for testing and analysis of safety relief valves in accordance with ASME Section III. This proposed Code alternative does not have any impact on the ITAAC. Since the proposed alternative is consistent with inservice testing requirements for replacing with pretested valves in accordance with I-1320(b) and the frequency of the first inservice test limits the amount of time between set-pressure verification tests, this proposed alternative provides an acceptable level of quality and safety in accordance with 10 CFR 50.55a(z)(1).
Duration of Proposed Alternative:	Preservice testing conducted prior to commercial operation.
References:	None.

4.0 PRESERVICE 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 PST plan, includes only pumps that have an emergency power source. The emergency power source (Class 1E) for the AP1000 is the 1E Vital DC system, and there are no pumps powered from this source.

5.0 PRESERVICE TESTING OF VALVES

5.1 GENERAL

Valves will be tested to meet the PST requirements of the OM Code as outlined in the Valve Tables.

The OM Code identifies exercise testing for valves, where the Code requires additional testing be performed during the valve exercising (e.g. stroke time testing), the exercise test is not separately identified in the Valve Table.

Testing will generally only be performed once during the Preservice Test Period, except when Repair, Replacement, or Maintenance require retesting pursuant to ASME OM ISTC-3100(a)/ISTC-3310/I-7400/III-3400.

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 PST 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 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 PST plan, where practicable.

5.3 SCHEDULE

PST will be performed following system turnover from Construction, and will be completed prior to initial electrical generation by nuclear heat.

6.0 VALVE NOTES

None

7.0 VEGP-3 VALVE TABLES

Vogtle Electric Generating Plant – Units 3&4
Valve Table

Unit 3

System: CAS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position Normal	Position Safety	Position Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV3-CAS-PL-V014	2	N	A	A	2″	BA	AO	SV3-CAS-M6-005 (F-3)	O	C	C	PI (ISTC-3700) STC FST		
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 CKOP		Accommodate 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	C	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 CKOP		Accommodate thermal expansion
Service Air Containment Isolation Check Valve												LT-App. J		

Vogtle Electric Generating Plant – Units 3&4
Valve Table

Unit 3

System: CCS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position Normal	Position Safety	Position Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV3-CCS-PL-V200	2	N	A	A	10″	BU	MO	SV3-CCS-M6-002 (H-2)	O	C	AI	PI (III-3300) STC III-3100 III-3300		
Cooling Water Supply Ctmt 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 CKOP		Accommodate thermal expansion
Cooling Water Ctmt 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 (III-3300) STC III-3100 III-3300		
Cooling Water Return Ctmt 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 (III-3300) STC III-3100 III-3300		
Cooling Water Return Ctmt Isol - ORC												LT-App. J		
SV3-CCS-PL-V220	2	N	AC	A	1″	RV	SA	SV3-CCS-M6-002 (C-2)	C	C/O	NA	RVT(I-7150(b)) RVT(I-7150(c)) VE(I-7150(a))		Verify Vendor setpoint, Thermal Relief Leak tightness per Vendor test
Ctmt 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(I-7150(b)) RVT(I-7150(c)) VE(I-7150(a))		Verify Vendor setpoint, Thermal Relief Leak tightness per Vendor test
CCS Supply Line to Ctmt Safety/Relief														
SV3-CCS-PL-V271	3	N	C	A	4″	RV	SA	SV3-CCS-M6-002 (C-2)	C	O	NA	RVT(I-7150(b)) RVT(I-7150(c)) VE(I-7150(a))		Verify Vendor setpoint, Thermal Relief Leak tightness per Vendor test
CCS Return Line to Ctmt Safety/Relief														

Vogtle Electric Generating Plant – Units 3&4
Valve Table

Unit 3

System: CVS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position Normal	Position Safety	Position Fail-Safe	Required Test Alt/CC	Comments/Notes
SV3-CVS-PL-V001	1	N	B	A	3″	GA	MO (G-8)	SV3-CVS-M6-001	O	C	AI	PI (III-3300) STC III-3100 III-3300	
CVS Purification Stop Valve													
SV3-CVS-PL-V002	1	N	B	A	3″	GA	MO	SV3-CVS-M6-001 (G-7)	O	C	AI	PI (III-3300) STC III-3100 III-3300	
CVS Purification Stop Valve													
SV3-CVS-PL-V003	3	N	B	A	3″	GL	MO	SV3-CVS-M6-001 (G-7)	O	C	AI	PI (III-3300) STC III-3100 III-3300	
CVS Purification Stop Valve													
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 Inside Containment Isolation Valve													
SV3-CVS-PL-V041	2	N	A	P	2″	BA	MA	SV3-CVS-M6-005 (F-2)	LC	C	AI	LT-App. J	
Resin Flush Outside Containment Isolation Valve													
SV3-CVS-PL-V042	2	N	AC	A	1″	RV	SA	SV3-CVS-M6-005 (G-4)	C	C/O	NA	RVT(I-7150(b)) RVT(I-7150(c)) VE(I-7150(a)) LT-App. J	Verify Vendor setpoint, Thermal Relief Leak tightness per Vendor test
Flush Line Containment Isolation Relief Valve													
SV3-CVS-PL-V045	2	N	A	A	2″	GL	AO	SV3-CVS-M6-005 (D-4)	C	C	C	PI (ISTC-3700) STC FST LT-App. J	
Letdown Line Inside Containment Isolation Valve													
SV3-CVS-PL-V047	2	N	A	A	2″	GL	AO	SV3-CVS-M6-005 (D-2)	C	C	C	PI (ISTC-3700) STC FST LT-App. J	
Letdown Line Outside Containment Isolation Valve													

System: CVS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position: Normal	Position: Safety	Position: Fail-Safe	Required Test Alt/CC	Comments/Notes
SV3-CVS-PL-V058	2	N	AC	A	1″	RV	SA	SV3-CVS-M6-005 (E-4)	C	C/O	NA	RVT(I-7150(b)) RVT(I-7150(c)) VE(I-7150(a)) LT-App. J	Verify Vendor setpoint, Thermal Relief Leak tightness per Vendor test
Letdown Line Relief Thermal Relief Valve													
SV3-CVS-PL-V064	N	N	C	A	3″	CK	SA	SV3-CVS-M6-005 (C-5)	C	O	NA	CKC CKOP	Accommodate thermal expansion
Make-up Discharge Header Check Valve													
SV3-CVS-PL-V067	1	N	C	A	1″	CK	SA	SV3-CVS-M6-001 (F-7)	O	C/O	NA	CKC CKOP	Accommodate thermal expansion
Makeup Return Line Spring-Assisted Check Valve													
SV3-CVS-PL-V080	3	N	C	A	3″	CK	SA	SV3-CVS-M6-001 (G-7)	O	C/O	NA	CKC CKOP	Accommodate thermal expansion
Regen HX Shell Side Outlet Check Valve													
SV3-CVS-PL-V081	1	N	BC	A	3″	SC	AO	SV3-CVS-M6-001 (G-7)	O	C	NA	PI (ISTC-3700) CKC CKOP	
Purification Return Line Stop Check Valve													
SV3-CVS-PL-V082	1	N	C	A	3″	CK	SA	SV3-CVS-M6-001 (G-8)	O	C/O	NA	CKC CKOP	Accommodate thermal expansion
RCS Purification Return Line Check Valve													
SV3-CVS-PL-V084	1	N	B	A	2″	GL	AO	SV3-CVS-M6-001 (F-7)	C	C	C	PI (ISTC-3700) STC FST	
Auxiliary Pressurizer Spray Line Isolation Valve													
SV3-CVS-PL-V085	1	N	C	A	2″	CK	SA	SV3-CVS-M6-001 (F-8)	C	C/O	NA	CKC CKOP	Accommodate thermal expansion
Auxiliary Pressurizer Spray Line Valve													
SV3-CVS-PL-V090	2	N	A	A	3″	GA	MO	SV3-CVS-M6-005 (C-2)	O	C	AI	PI (III-3300) STC III-3100 III-3300 LT-App. J	
Makeup Line Outside Containment Isolation Valve													
SV3-CVS-PL-V091	2	N	A	A	3″	GA	MO	SV3-CVS-M6-005 (C-4)	O	C	AI	PI (III-3300) STC III-3100 III-3300 LT-App. J	
Makeup Line Inside Containment Isolation Valve													
SV3-CVS-PL-V092	2	N	A	A	1″	GL	AO	SV3-CVS-M6-003 (F-6)	O	C	C	PI (ISTC-3700) STC FST LT-App. J	
Zinc Injection Containment Isolation Valve ORC													

System: CVS

Valve ID						Valve	Actuator	Drawing	----------Position----------			Required		
Description	Class	Aug.	Cat.	A/P	Size	Type	Type	& Co-ord.	Normal	Safety	Fail-Safe	Test	Alt/CC	Comments/Notes
SV3-CVS-PL-V094	2	N	A	A	1″	GL	AO	SV3-CVS-M6-003 (F-7)	O	C	C	PI (ISTC-3700) STC FST		
Zinc Injection Containment Isolation Valve IRC												LT-App.		
SV3-CVS-PL-V098	2	N	AC	A	1″	RV	SA	SV3-CVS-M6-003 (F-6)	C	C/O	NA	RVT(I-7150(b)) RVT(I-7150(c)) VE(I-7150(a))		Verify Vendor setpoint, Thermal Relief Leak tightness per Vendor test
Zinc Injection Ctmt Isol Thermal Relief Valve												LT-App. J		
SV3-CVS-PL-V100	2	N	AC	A	1″	CK	SA	SV3-CVS-M6-005 (B-4)	O	C/O	NA	CKC CKOP		Accommodate thermal expansion
Makeup Line Containment Isolation Relief												LT-App. J		
SV3-CVS-PL-V136A	3	N	B	A	2″	BU	AO	SV3-CVS-M6-004 (C-4)	C	C	C	PI (ISTC-3700) STC		
Demineralized Water System Isolation Valve												FST		
SV3-CVS-PL-V136B	3	N	B	A	2″	BU	AO	SV3-CVS-M6-004 (C-4)	C	C	C	PI (ISTC-3700) STC		
Demineralized Water System Isolation Valve												FST		
SV3-CVS-PL-V217	2	N	AC	A	½″	CK	SA	SV3-CVS-M6-003 (D-7)	O	C/O	NA	CKC CKOP		Accommodate thermal expansion
Hydrogen Injection Containment Isolation Check Valve IRC												LT-App. J		
SV3-CVS-PL-V219	2	N	A	A	½″	GL	AO	SV3-CVS-M6-003 (D-6)	O	C	C	PI (ISTC-3700) STC FST		
Hydrogen Injection Containment Isolation Valve ORC												LT-App. J		

Vogtle Electric Generating Plant – Units 3&4
Valve Table

Unit 3

System: DWS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position: Normal	Position: Safety	Position: Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV3-DWS-PL-V241	3	N	C	A	1″	RV	SA	SV3-DWS-M6-007 (E-5)	C	O	NA	RVT(I-7150(b)) RVT(I-7150(c)) VE(I-7150(a))		Verify Vendor setpoint, Thermal Relief Leak tightness per Vendor test
Demin Water Supply to Containment Relief														
SV3-DWS-PL-V244	2	N	A	P	3″	BU	MA	SV3-DWS-M6-007 (E-6)	LC	C	AI	LT-App. J		Exercised during Shutdown and leaktest
Demin Water Supply Containment Isolation - Outside														
SV3-DWS-PL-V245	2	N	AC	A	2″	CK	SA	SV3-DWS-M6-007 (E-6)	C	C/O	NA	CKC CKOP LT-App. J		Accommodate thermal expansion
Demin Water Supply Containment Isolation Check Valve - IRC														

Vogtle Electric Generating Plant – Units 3&4
Valve Table

Unit 3

System: FHS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position Normal	Position Safety	Position Fail-Safe	Required Test	Alt/CC	Comments/Notes
SV3-FHS-PL-V001 Fuel Transfer Tube Isolation Valve	3	N	B	A	30″	GA	MA	SV3-SFS-M6-001 (F-6)	C	C	AI	ETM		

Vogtle Electric Generating Plant – Units 3&4
Valve Table

Unit 3

System: FPS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position: Normal	Position: Safety	Position: Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV3-FPS-PL-V050	2	N	A	P	6”	BU	MA	SV3-FPS-M6-004 (F-5)	LC	C	AI	LT-App. J		Exercised during Shutdown and leaktest
Fire Water Containment Supply Isolation														
SV3-FPS-PL-V052	2	N	AC	A	6”	CK	SA	SV3-FPS-M6-004 (F-5)	C	C/O	NA	CKC CKOP		Accommodate thermal expansion
Fire Water Supply Cont Isol Check Valve - IRC												LT-App. J		
SV3-FPS-PL-V702	3	N	C	A	1”	RV	SA	SV3-FPS-M6-004 (F/G-5)	C	O	NA	RVT(I-7150(b)) RVT(I-7150(c))		Verify Vendor setpoint, Thermal Relief Leak tightness per Vendor test
Fire Water Supply IC Thermal Relief												VE(I-7150(a))		

Vogtle Electric Generating Plant – Units 3&4
Valve Table

Unit 3

System: MSS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position Normal	Position Safety	Position Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV3-MSS-PL-V001 Turbine Bypass Control Valve	N	Y	B	A	16″	GL	AO	SV3-MSS-M6-001 (H-8)	C	C	C	PI (ISTC-3700) STC FST		Required by TS 3.7.2
SV3-MSS-PL-V002 Turbine Bypass Control Valve	N	Y	B	A	16″	GL	AO	SV3-MSS-M6-001 (H-7)	C	C	C	PI (ISTC-3700) STC FST		Required by TS 3.7.2
SV3-MSS-PL-V003 Turbine Bypass Control Valve	N	Y	B	A	16″	GL	AO	SV3-MSS-M6-001 (H-6)	C	C	C	PI (ISTC-3700) STC FST		Required by TS 3.7.2
SV3-MSS-PL-V004 Turbine Bypass Control Valve	N	Y	B	A	16″	GL	AO	SV3-MSS-M6-001 (H-4)	C	C	C	PI (ISTC-3700) STC FST		Required by TS 3.7.2
SV3-MSS-PL-V005 Turbine Bypass Control Valve	N	Y	B	A	16″	GL	AO	SV3-MSS-M6-001 (H-3)	C	C	C	PI (ISTC-3700) STC FST		Required by TS 3.7.2
SV3-MSS-PL-V006 Turbine Bypass Control Valve	N	Y	B	A	16″	GL	AO	SV3-MSS-M6-001 (H-2)	C	C	C	PI (ISTC-3700) STC FST		Required by TS 3.7.2
SV3-MSS-PL-V015A MSR 2ND Stage Reheat Steam AO Isolation Valve	N	Y	B	A	10″	GL	AO	SV3-MSS-M6-001 (B-6)	O	C	C	PI (ISTC-3700) STC FST		Required by TS 3.7.2
SV3-MSS-PL-V015B MSR 2ND Stage Reheat Steam AO Isolation Valve	N	Y	B	A	10″	GL	AO	SV3-MSS-M6-001 (G-6)	O	C	C	PI (ISTC-3700) STC FST		Required by TS 3.7.2

Vogtle Electric Generating Plant – Units 3&4
Valve Table

Unit 3

System: MTS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position Normal	Position Safety	Position Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV3-MTS-PL-V001A Main Turbine Stop Valve	N	Y	B	A	28″	GL	EH	SV3-MTS-M6-002 (F-6)	O	C	C	PI (ISTC-3700) STC FST		Required by TS 3.7.2
SV3-MTS-PL-V001B Main Turbine Stop Valve	N	Y	B	A	28″	GL	EH	SV3-MTS-M6-002 (C-6)	O	C	C	PI (ISTC-3700) STC FST		Required by TS 3.7.2
SV3-MTS-PL-V002A Main Turbine Control Valve	N	Y	B	A	28″	GL	EH	SV3-MTS-M6-002 (F-6)	O	C	C	PI (ISTC-3700) STC FST		Required by TS 3.7.2
SV3-MTS-PL-V002B Main Turbine Control Valve	N	Y	B	A	28″	GL	EH	SV3-MTS-M6-002 (C-6)	O	C	C	PI (ISTC-3700) STC FST		Required by TS 3.7.2
SV3-MTS-PL-V003A Main Turbine Stop Valve	N	Y	B	A	28″	GL	EH	SV3-MTS-M6-002 (E-6)	O	C	C	PI (ISTC-3700) STC FST		Required by TS 3.7.2
SV3-MTS-PL-V003B Main Turbine Stop Valve	N	Y	B	A	28″	GL	EH	SV3-MTS-M6-002 (D-6)	O	C	C	PI (ISTC-3700) STC FST		Required by TS 3.7.2
SV3-MTS-PL-V004A Main Turbine Control Valve	N	Y	B	A	28″	GL	EH	SV3-MTS-M6-002 (E-6)	O	C	C	PI (ISTC-3700) STC FST		Required by TS 3.7.2
SV3-MTS-PL-V004B Main Turbine Control Valve	N	Y	B	A	28″	GL	EH	SV3-MTS-M6-002 (D-6)	O	C	C	PI (ISTC-3700) STC FST		Required by TS 3.7.2

Vogtle Electric Generating Plant – Units 3&4
Valve Table

Unit 3

System: PCS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position: Normal	Position: Safety	Position: Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV3-PCS-PL-V001A PCS Actuation Valve A	3	N	B	A	6″	BU	AO	SV3-PCS-M6-001 (E-4)	C	O	O	PI (ISTC-3700) STO FST		
SV3-PCS-PL-V001B PCS Actuation Valve B	3	N	B	A	6″	BU	AO	SV3-PCS-M6-001 (E-6)	C	O	O	PI (ISTC-3700) STO FST		
SV3-PCS-PL-V001C PCS Actuation Valve C	3	N	B	A	6″	GA	MO	SV3-PCS-M6-001 (E-5)	C	O	AI	PI (III-3300) STO III-3100 III-3300		This valve has a passive closed function for Spent fuel make-up.
SV3-PCS-PL-V002A PCS Isolation Valve A	3	N	B	A	6″	GA	MO	SV3-PCS-M6-001 (E-4)	O	O	AI	PI III-3300) STO III-3100 III-3300		This valve has a passive closed function for Spent fuel make-up.
SV3-PCS-PL-V002B PCS Isolation Valve B	3	N	B	A	6″	GA	MO	SV3-PCS-M6-001 (E-6)	O	O	AI	PI III-3300) STO III-3100 III-3300		This valve has a passive closed function for Spent fuel make-up.
SV3-PCS-PL-V002C PCS Isolation Valve C	3	N	B	A	6″	GA	MO	SV3-PCS-M6-001 (E-5)	O	O	AI	PI (III-3300) STO III-3100 III-3300		This valve has a passive closed function for Spent fuel make-up.
SV3-PCS-PL-V005 PCS to DWS/FPS Iso Valve	3	N	B	A	4″	GA	MA	SV3-PCS-M6-002 (G-5)	O	C	AI	ETM		
SV3-PCS-PL-V009 Spent Fuel Pool Emergency Makeup Valve	3	N	B	A	3″	GA	MA	SV3-PCS-M6-001 (E-4)	C	C/O	AI	ETM		Open for Emergency SFP make-up
SV3-PCS-PL-V015 PCS Long Term supply to Distribution Bucket Drain Valve	3	N	B	A	1″	GL	MA	SV3-PCS-M6-002 (G-8)	O	C	AI	ETM		
SV3-PCS-PL-V020 PCS Long Term supply to Distribution Bucket Iso Valve	3	N	B	A	3″	GA	MA	SV3-PCS-M6-002 (G-7)	C	O	AI	ETM		

System: PCS

Valve ID / Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position: Normal	Position: Safety	Position: Fail-Safe	Required Test	Alt/CC	Comments/Notes
SV3-PCS-PL-V023 PCS Recirc Pumps to PCCWST Iso Valve	3	N	B	A	4″	GA	MA	SV3-PCS-M6-002 (F-7)	O	C	AI	ETM		
SV3-PCS-PL-V039 PCS/SFS Long Term Make-up Supply Check Valve	3	N	C	A	4″	CK	SA	SV3-PCS-M6-002 (F-3)	C	O/C	NA	CKO CKC		
SV3-PCS-PL-V042 PCS Long Term Supply from Temp Pump Drain Valve	3	N	B	A	1″	GL	MA	SV3-PCS-M6-002 (F-3)	O	C	AI	ETM		
SV3-PCS-PL-V044 PCS Long Term Supply from Temp Pump Iso Valve	3	N	B	A	4″	GA	MA	SV3-PCS-M6-002 (F-4)	C	O	AI	ETM		
SV3-PCS-PL-V045 PCS Supply to SFS Make-up Iso Valve	3	N	B	A	2″	GL	MA	SV3-PCS-M6-001 (B-3)	C	O	AI	ETM		
SV3-PCS-PL-V046 PCCWST Recirculation Return Isolation Valve	3	N	B	A	4″	GA	MA	SV3-PCS-M6-002 (H-7)	O	C	AI	ETM		
SV3-PCS-PL-V049 PCCWST Drain Isolation Valve	3	N	B	A	1″	GL	MA	SV3-PCS-M6-001 (B-2)	O	C	AI	ETM		
SV3-PCS-PL-V050 Recirc Header Discharge to SFS Pool Isolation Valve	3	N	B	A	2″	GL	MA	SV3-PCS-M6-002 (F-7)	C	C/O	AI	ETM		
SV3-PCS-PL-V051 Spent Fuel Pool Emergency Makeup Lower Isolation Valve	3	N	B	A	2″	GL	MA	SV3-PCS-M6-001 (B-2)	C	C/O	AI	ETM		

Vogtle Electric Generating Plant – Units 3&4
Valve Table

Unit 3

System: PSS

Valve ID / Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position: Normal	Position: Safety	Position: Fail-Safe	Required Test	Alt/CC	Comments/Notes
SV3-PSS-PL-V001A Hot Leg 1 Sample Isolation Valve	2	N	C	A	1/4"	GL	SO	SV3-PSS-M6-001 E-8	O	O	C	RVT		Thermal Relief function
SV3-PSS-PL-V001B Hot Leg 2 Sample Isolation Valve	2	N	C	A	1/4"	GL	SO	SV3-PSS-M6-001 D-8	C	O	C	RVT		Thermal Relief function
SV3-PSS-PL-V003 Pressurizer Sample Isolation Valve	2	N	C	A	1/4"	GL	SO	SV3-PSS-M6-001 G-8	C	O	C	RVT		Thermal Relief function
SV3-PSS-PL-V008 Containment Air Sample Containment Isolation Valve IRC	2	N	A	A	5/8"	GL	SO	SV3-PSS-M6-001 (D-7)	O	C	C	PI (ISTC-3700) STC FST LT-App. J		
SV3-PSS-PL-V010A Liquid Sample Line Containment Isolation Valve IRC	2	N	A	AC	1/4"	GL	SO	SV3-PSS-M6-001 (D-7)	O	C/O	C	PI (ISTC-3700) STC FST RVT LT-App. J		Thermal Relief function
SV3-PSS-PL-V010B Liquid Sample Line Containment Isolation Valve IRC	2	N	A	AC	1/4"	GL	SO	SV3-PSS-M6-001 (G-7)	C	C/O	C	PI (ISTC-3700) STC FST RVT LT-App. J		Thermal Relief function
SV3-PSS-PL-V011A Liquid Sample Line Containment Isolation Valve ORC	2	N	A	A	1/4"	GL	AO	SV3-PSS-M6-001 (E-6)	O	C	C	PI (ISTC-3700) STC FST LT-App. J		
SV3-PSS-PL-V011B Liquid Sample Line Containment Isolation Valve ORC	2	N	A	A	1/4"	GL	AO	SV3-PSS-M6-001 (G-6)	C	C	C	PI (ISTC-3700) STC FST LT-App. J		

System: PSS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position Normal	Position Safety	Position Fail-Safe	Required Test	Alt/CC	Comments/Notes
SV3-PSS-PL-V023	2	N	A	A	1″	GL	AO	SV3-PSS-M6-001 (C-6)	O	C	C	PI (ISTC-3700) STC FST		
Sample Return Line Containment Isolation Valve ORC												LT-App. J		
SV3-PSS-PL-V024	2	N	A	A	1″	GL	SO	SV3-PSS-M6-001 (C-7)	O	C	C	PI (ISTC-3700) STC FST		
Sample Return Line Containment Isolation Valve IRC												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 (ISTC-3700) STC FST		
Air Sample Line Containment Isolation Valve ORC												LT-App. J		

Vogtle Electric Generating Plant – Units 3&4
Valve Table

Unit 3

System: PWS

Valve ID						Valve	Actuator	Drawing	----------Position----------			Required		
Description	Class	Aug.	Cat.	A/P	Size	Type	Type	& Co-ord.	Normal	Safety	Fail-Safe	Test	Alt/CC	Comments/Notes
SV3-PWS-PL-V418	3	N	B	A	1″	GL	MA	SV3-PWS-M6-002 (G-4)	O	C	AI	ETM		
Control Room Boundary Outside Isolation Valve														
SV3-PWS-PL-V420	3	N	B	A	1″	GL	MA	SV3-PWS-M6-002 (F-4)	O	C	AI	ETM		
Control Room Boundary Inside Isolation Valve														
SV3-PWS-PL-V498	3	N	C	A	1″	VB	SA	SV3-PWS-M6-002 (F-4)	C	O	NA	VE(I-7170) RVT(I-7270(a)) RVT(I-7270(b))		 Actuation to verify open/close Leak tightness
Control Room Boundary Vacuum Breaker														

Vogtle Electric Generating Plant – Units 3&4
Valve Table

Unit 3

System: PXS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position Normal	Position Safety	Position Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV3-PXS-PL-V002A RCS to CMT A Isolation Valve	1	N	B	P	8″	GA	MO	SV3-PXS-M6-001 (G/H-5)	O	O	AI	PI (ISTC-3700)		
SV3-PXS-PL-V002B RCS to CMT B Isolation Valve	1	N	B	P	8″	GA	MO	SV3-PXS-M6-001 (G/H-4)	O	O	AI	PI (ISTC-3700)		
SV3-PXS-PL-V013A CMT A Discharge Manual Isol Valve	1	N	B	P	8″	GA	MA	SV3-PXS-M6-001 (D-6)	LO	O	AI	PI (ISTC-3700)		
SV3-PXS-PL-V013B CMT B Discharge Manual Isol Valve	1	N	B	P	8″	GA	MA	SV3-PXS-M6-001 (D-3)	LO	O	AI	PI (ISTC-3700)		
SV3-PXS-PL-V014A CMT A Outlet Valve	1	N	B	A	8″	GL	AO	SV3-PXS-M6-001 (E-7)	C	O	O	PI (ISTC-3700) STO FST		
SV3-PXS-PL-V014B CMT B Outlet Valve	1	N	B	A	8″	GL	AO	SV3-PXS-M6-001 (E-3)	C	O	O	PI (ISTC-3700) STO FST		
SV3-PXS-PL-V015A CMT A Outlet Valve	1	N	B	A	8″	GL	AO	SV3-PXS-M6-001 (D-7)	C	O	O	PI (ISTC-3700) STO FST		
SV3-PXS-PL-V015B CMT B Outlet Valve	1	N	B	A	8″	GL	AO	SV3-PXS-M6-001 (D-3)	C	O	O	PI (ISTC-3700) STO FST		
SV3-PXS-PL-V016A CMT A outlet to RCS Check	1	N	C	A	8″	CK	SA	SV3-PXS-M6-001 (D-6)	O	O/C	NA	CKO CKC		
SV3-PXS-PL-V016B CMT B outlet to RCS Check	1	N	C	A	8″	CK	SA	SV3-PXS-M6-001 (D-3)	O	O/C	NA	CKO CKC		
SV3-PXS-PL-V017A CMT A outlet to RCS Check	1	N	C	A	8″	CK	SA	SV3-PXS-M6-001 (D-6)	O	O/C	NA	CKO CKC		
SV3-PXS-PL-V017B CMT B outlet to RCS Check	1	N	C	A	8″	CK	SA	SV3-PXS-M6-001 (D-3)	O	O/C	NA	CKO CKC		
SV3-PXS-PL-V021A Accumulator A Nitrogen supply Valve	3	N	B	P	1″	GL	SO	SV3-PXS-M6-001 (C-7)	C	C	C	PI (ISTC-3700)		

System: PXS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position Normal	Safety	Fail-Safe	Required Test Alt/CC	Comments/Notes
SV3-PXS-PL-V021B Accumulator B Nitrogen supply Valve	3	N	B	P	1″	GL	SO	SV3-PXS-M6-001 (C-2)	C	C	C	PI (ISTC-3700)	
SV3-PXS-PL-V022A Accumulator A Relief Valve	3	N	C	A	1″	RV	SA	SV3-PXS-M6-001 (C-7)	C	O/C	NA	VE(I-7150(a)) RVT(I-7150(b)) RVT(I-7150(c))	 Verify Vendor setpoint Leak tightness (from Vendor test)
SV3-PXS-PL-V022B Accumulator B Relief Valve	3	N	C	A	1″	RV	SA	SV3-PXS-M6-001 (C-2)	C	O/C	NA	VE(I-7150(a)) RVT(I-7150(b)) RVT(I-7150(c))	 Verify Vendor setpoint Leak tightness (from Vendor test)
SV3-PXS-PL-V027A Accumulator A to RCS Isolation Valve	3	N	B	P	8″	GA	MO	SV3-PXS-M6-001 (B-6)	O	O	AI	PI (ISTC-3700)	
SV3-PXS-PL-V027B Accumulator B to RCS Isolation Valve	3	N	B	P	8″	GA	MO	SV3-PXS-M6-001 (B-3)	O	O	AI	PI (ISTC-3700)	
SV3-PXS-PL-V028A Accumulator A outlet to RCS Check	1	N	AC	A	8″	CK	SA	SV3-PXS-M6-001 (B-6)	C	O/C	NA	CKO CKC LT	
SV3-PXS-PL-V028B Accumulator B outlet to RCS Check	1	N	AC	A	8″	CK	SA	SV3-PXS-M6-001 (B-3)	C	O/C	NA	CKO CKC LT	
SV3-PXS-PL-V029A Accumulator A outlet to RCS Check	1	N	AC	A	8″	CK	SA	SV3-PXS-M6-001 (B-6)	C	O/C	NA	CKO CKC LT	
SV3-PXS-PL-V029B Accumulator B outlet to RCS Check	1	N	AC	A	8″	CK	SA	SV3-PXS-M6-001 (B-4)	C	O/C	NA	CKO CKC LT	
SV3-PXS-PL-V042 High Pressure Nitrogen to Containment Isolation Valve	2	N	A	A	1″	GL	AO	SV3-PXS-M6-001 (D-1)	O	C	C	PI (ISTC-3700) STC FST LT- App. J	
SV3-PXS-PL-V043 High Pressure Nitrogen to Containment IC Check Valve	2	N	AC	A	1″	CK	SA	SV3-PXS-M6-001 (D-2)	C	O/C	NA	CKOP CKC LT- App. J	Accommodate thermal expansion
SV3-PXS-PL-V044 High Pressure Nitrogen to Containment Penetration Thermal Relief Valve	N	N	C	A	1″	RV	SA	SV3-PXS-M6-001 (D-2)	C	O	NA	VE(I-7150(a)) RVT(I-7150(b)) RVT(I-7150(c))	 Verify Vendor setpoint Leak tightness (from Vendor test)
SV3-PXS-PL-V101 RCS to PRHR Heat Exchanger Isolation Valve	1	N	B	P	14″	GA	MO	SV3-PXS-M6-002 (G -1)	O	O	AI	PI (ISTC-3700)	

System: PXS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position Normal	Position Safety	Position Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV3-PXS-PL-V108A PRHR Heat Exchanger Outlet Valve to RCS A	1	N	B	A	14″	BA	AO	SV3-PXS-M6-002 (F-1)	C	O	O	PI (ISTC-3700) STO FST		
SV3-PXS-PL-V108B PRHR Heat Exchanger Outlet Valve to RCS B	1	N	B	A	14″	BA	AO	SV3-PXS-M6-002 (E-1)	C	O	O	PI (ISTC-3700) STO FST		
SV3-PXS-PL-V109 PRHR HX/RCS Return Isol Valve	1	N	B	P	14″	GA	MA	SV3-PXS-M6-002 (F-1)	LO	O	AI	PI (ISTC-3700)		
SV3-PXS-PL-V117A Containment Recirculation Sump A to RCS Isolation Valve	3	N	B	P	8″	GA	MO	SV3-PXS-M6-002 (E-7)	O	O	AI	PI (ISTC-3700)		
SV3-PXS-PL-V117B Containment Recirculation Sump B to RCS Isolation Valve	3	N	B	P	8″	GA	MO	SV3-PXS-M6-002 (E-5)	O	O	AI	PI (ISTC-3700)		
SV3-PXS-PL-V118A Containment Recirc. Sump A to RCS Actuation Squib Valve	3	N	D	A	8″	SQ	SQ	SV3-PXS-M6-002 (E-7)	C	O	NA	Circuit(ISTC-3100(d)(1)) Charge(ISTC-3100(d)(2))	Alternative VEGP 3&4-PST-Alt-01	
SV3-PXS-PL-V118B Containment Recirc. Sump B to RCS Actuation Squib Valve	3	N	D	A	8″	SQ	SQ	SV3-PXS-M6-002 (E-5)	C	O	NA	Circuit(ISTC-3100(d)(1)) Charge(ISTC-3100(d)(2))	Alternative VEGP 3&4-PST-Alt-01	
SV3-PXS-PL-V119A Containment Recirc. Sump A outlet to RCS Check	3	N	C	A	8″	CK	SA	SV3-PXS-M6-002 (D-7)	C	O/C	NA	PI (ISTC-3700) CKO CKC		
SV3-PXS-PL-V119B Containment Recirc. Sump B outlet to RCS Check	3	N	C	A	8″	CK	SA	SV3-PXS-M6-002 (D-5)	C	O/C	NA	PI (ISTC-3700) CKO CKC		
SV3-PXS-PL-V120A Containment Recirc. Sump A to RCS Actuation Squib Valve	3	N	D	A	8″	SQ	SQ	SV3-PXS-M6-002 (D-7)	C	O	NA	Circuit(ISTC-3100(d)(1)) Charge(ISTC-3100(d)(2))	Alternative VEGP 3&4-PST-Alt-01	
SV3-PXS-PL-V120B Containment Recirc. Sump B to RCS Actuation Squib Valve	3	N	D	A	8″	SQ	SQ	SV3-PXS-M6-002 (D-5)	C	O	NA	Circuit(ISTC-3100(d)(1)) Charge(ISTC-3100(d)(2))	Alternative VEGP 3&4-PST-Alt-01	
SV3-PXS-PL-V121A IRWST/Recirc Sump to RCS A Isolation Valve	3	N	B	P	8″	GA	MO	SV3-PXS-M6-002 (D-7)	O	O	AI	PI (ISTC-3700)		
SV3-PXS-PL-V121B IRWST/Recirc Sump to RCS B Isolation Valve	3	N	B	P	8″	GA	MO	SV3-PXS-M6-002 (D-5)	O	O	AI	PI (ISTC-3700)		
SV3-PXS-PL-V122A IRWST/Recirc Sump to RCS A outlet to RCS Check	1	N	C	A	8″	CK	SA	SV3-PXS-M6-002 (C-7)	C	O/C	NA	PI (ISTC-3700) CKO CKC		
SV3-PXS-PL-V122B IRWST/Recirc Sump to RCS B outlet to RCS Check	1	N	C	A	8″	CK	SA	SV3-PXS-M6-002 (C-5)	C	O/C	NA	PI (ISTC-3700) CKO CKC		

System: PXS

Valve ID / Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position: Normal	Position: Safety	Position: Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV3-PXS-PL-V123A Containment Recirc. Sump A to RCS Actuation Squib Valve	1	N	D	A	8″	SQ	SQ	SV3-PXS-M6-002 (C-7)	C	O	NA	Circuit(ISTC-3100(d)(1)) Charge(ISTC-3100(d)(2))		Alternative VEGP 3&4-PST-Alt-01
SV3-PXS-PL-V123B Containment Recirc. Sump B to RCS Actuation Squib Valve	1	N	D	A	8″	SQ	SQ	SV3-PXS-M6-002 (D-5)	C	O	NA	Circuit(ISTC-3100(d)(1)) Charge(ISTC-3100(d)(2))		Alternative VEGP 3&4-PST-Alt-01
SV3-PXS-PL-V124A IRWST/Recirc Sump to RCS A outlet to RCS Check	1	N	C	A	8″	CK	SA	SV3-PXS-M6-002 (C-7)	C	O/C	NA	PI (ISTC-3700) CKO CKC		
SV3-PXS-PL-V124B IRWST/Recirc Sump to RCS B outlet to RCS Check	1	N	C	A	8″	CK	SA	SV3-PXS-M6-002 (C-5)	C	O/C	NA	PI (ISTC-3700) CKO CKC		
SV3-PXS-PL-V125A Containment Recirc. Sump A to RCS Actuation Squib Valve	1	N	D	A	8″	SQ	SQ	SV3-PXS-M6-002 (C-7)	C	O	NA	Circuit(ISTC-3100(d)(1)) Charge(ISTC-3100(d)(2))		Alternative VEGP 3&4-PST-Alt-01
SV3-PXS-PL-V125B Containment Recirc. Sump B to RCS Actuation Squib Valve	1	N	D	A	8″	SQ	SQ	SV3-PXS-M6-002 (D-5)	C	O	NA	Circuit(ISTC-3100(d)(1)) Charge(ISTC-3100(d)(2))		Alternative VEGP 3&4-PST-Alt-01
SV3-PXS-PL-V130A Containment Condensation Collection to Containment Sump Isolation Valve A	3	N	B	A	2″	BA	AO	SV3-PXS-M6-002 (H-7)	O	C	C	PI (ISTC-3700) STC FST		
SV3-PXS-PL-V130B Containment Condensation Collection to Containment Sump Isolation Valve B	3	N	B	A	2″	BA	AO	SV3-PXS-M6-002 (H-7)	O	C	C	PI (ISTC-3700) STC FST		
SV3-PXS-PL-V208A RNS Suction Leak Test Valve	2	N	A	P	.375″	GL	MA	SV3-PXS-M6-003 (D-3)	LC	C	C	LT-App. J		
SV3-PXS-PL-V230A Core Makeup Tank A Fill Isolation	2	N	B	P	1″	GL	AO	SV3-PXS-M6-003 (F-6)	C	C	C	PI (ISTC-3700)		
SV3-PXS-PL-V230B Core Makeup Tank B Fill Isolation	2	N	B	P	1″	GL	AO	SV3-PXS-M6-003 (G-6)	C	C	C	PI (ISTC-3700)		
SV3-PXS-PL-V231A Core Makeup Tank A Fill Check	2	N	C	A	1″	CK	SA	SV3-PXS-M6-003 (F-7)	C	C	C	CKOP CKC	Accommodate thermal expansion	
SV3-PXS-PL-V231B Core Makeup Tank B Fill Check	2	N	C	A	1″	CK	SA	SV3-PXS-M6-003 (G-7)	C	C	C	CKOP CKC	Accommodate thermal expansion	
SV3-PXS-PL-V232A Accumulator B Fill/Drain Isolation	3	N	B	P	1″	GL	AO	SV3-PXS-M6-003 (E-6)	C	C	C	PI (ISTC-3700)		
SV3-PXS-PL-V232B Accumulator B Fill/Drain Isolation	3	N	B	P	1″	GL	AO	SV3-PXS-M6-003 (G-6)	C	C	C	PI (ISTC-3700)		

Vogtle Electric Generating Plant – Units 3&4
Valve Table

Unit 3

System: RCS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position: Normal	Position: Safety	Position: Fail-Safe	Required Test	Alt/CC	Comments/Notes
SV3-RCS-PL-V001A ADS Stage 1 Control Valve	1	N	B	A	4”	GL	MO	SV3-RCS-M6-002 (G-5)	C	O	AI	PI (III-3300) STO III-3100 III-3300		
SV3-RCS-PL-V001B ADS Stage 1 Control Valve	1	N	B	A	4”	GL	MO	SV3-RCS-M6-002 (E-5)	C	O	AI	PI (III-3300) STO III-3100 III-3300		
SV3-RCS-PL-V002A ADS Stage 2 Control Valve	1	N	B	A	8”	GL	MO	SV3-RCS-M6-002 (G-5)	C	O	AI	PI (III-3300) STO III-3100 III-3300		
SV3-RCS-PL-V002B ADS Stage 2 Control Valve	1	N	B	A	8”	GL	MO	SV3-RCS-M6-002 (E-5)	C	O	AI	PI (III-3300) STO III-3100 III-3300		
SV3-RCS-PL-V003A ADS Stage 3 Control Valve	1	N	B	A	8”	GL	MO	SV3-RCS-M6-002 (H-5)	C	O	AI	PI (III-3300) STO III-3100 III-3300		
SV3-RCS-PL-V003B ADS Stage 3 Control Valve	1	N	B	A	8”	GL	MO	SV3-RCS-M6-002 (F-5)	C	O	AI	PI (III-3300) STO III-3100 III-3300		
SV3-RCS-PL-V004A ADS Stage 4 Valve	1	N	D	A	14”	SQ	SQ	SV3-RCS-M6-001 (G-6)	C	O	NA	Circuit(ISTC-3100(d)(1)) Charge(ISTC-3100(d)(2))	Alternative VEGP 3&4-PST-Alt-01	
SV3-RCS-PL-V004B ADS Stage 4 Valve	1	N	D	A	14”	SQ	SQ	SV3-RCS-M6-001 (F-3)	C	O	NA	Circuit(ISTC-3100(d)(1)) Charge(ISTC-3100(d)(2))	Alternative VEGP 3&4-PST-Alt-01	

System: RCS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position: Normal	Position: Safety	Position: Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV3-RCS-PL-V004C ADS Stage 4 Valve	1	N	D	A	14″	SQ	SQ	SV3-RCS-M6-001 (F-6)	C	O	NA	Circuit(ISTC-3100(d)(1)) Charge(ISTC-3100(d)(2))		 Alternative VEGP 3&4-PST-Alt-01
SV3-RCS-PL-V004D ADS Stage 4 Valve	1	N	D	A	14″	SQ	SQ	SV3-RCS-M6-001 (F-3)	C	O	NA	Circuit(ISTC-3100(d)(1)) Charge(ISTC-3100(d)(2))		 Alternative VEGP 3&4-PST-Alt-01
SV3-RCS-PL-V005A Pressurizer Safety Valve	1	N	C	A	6″	RV	SA	SV3-RCS-M6-002 (H-7)	C	O/C	NA	PI (I-7110(c)/7310(f)) RVT(I-7110(b)) RVT(I-7110(d)) VE(I-7110(a)) RVT(I-7210)		From Vendor test Verify Vendor setpoint Leak tightness per Vendor test Setpoint verification (due 6m prior to Initial Criticality) Alternative VEGP 3&4-PST-Alt-02
SV3-RCS-PL-V005B Pressurizer Safety Valve	1	N	C	A	6″	RV	SA	SV3-RCS-M6-002 (F-6)	C	O/C	NA	PI (I-7110(c)/7310(f)) RVT(I-7110(b)) RVT(I-7110(d)) VE(I-7110(a)) RVT(I-7210)		From Vendor test Verify Vendor setpoint Leak tightness per Vendor test Setpoint verification (due 6m prior to Initial Criticality) Alternative VEGP 3&4-PST-Alt-02
SV3-RCS-PL-V010A ADS Header Vacuum Breaker	3	N	C	A	1″	VB	SA	SV3-RCS-M6-002 (G-4)	C	O	NA	VE(I-7170) RVT(I-7270(a)) RVT(I-7270(b))		 Actuation to verify open/close Leak tightness
SV3-RCS-PL-V010B ADS Header Vacuum Breaker	3	N	C	A	1″	VB	SA	SV3-RCS-M6-002 (E-4)	C	O	NA	VE(I-7170) RVT(I-7270(a)) RVT(I-7270(b))		 Actuation to verify open/close Leak tightness
SV3-RCS-PL-V011A ADS Stage 1 Isolation Valve	1	N	B	A	4″	GA	MO	SV3-RCS-M6-002 (G-5)	C	O/C	AI	PI (III-3300) STO III-3100 III-3300		Closed safety function is passive
SV3-RCS-PL-V011B ADS Stage 1 Isolation Valve	1	N	B	A	4″	GA	MO	SV3-RCS-M6-002 (E-5)	C	O/C	AI	PI (III-3300) STO III-3100 III-3300		Closed safety function is passive
SV3-RCS-PL-V012A ADS Stage 2 Isolation Valve	1	N	B	A	8″	GA	MO	SV3-RCS-M6-002 (G-5)	C	O/C	AI	PI (III-3300) STO III-3100 III-3300		Closed safety function is passive

System: RCS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position: Normal	Position: Safety	Position: Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV3-RCS-PL-V012B ADS Stage 2 Isolation Valve	1	N	B	A	8”	GA	MO	SV3-RCS-M6-002 (E-5)	C	O/C	AI	PI (III-3300) STO III-3100 III-3300		Closed safety function is passive
SV3-RCS-PL-V013A ADS Stage 3 Isolation Valve	1	N	B	A	8”	GA	MO	SV3-RCS-M6-002 (H-5)	C	O/C	AI	PI (III-3300) STO III-3100 III-3300		Closed safety function is passive
SV3-RCS-PL-V013B ADS Stage 3 Isolation Valve	1	N	B	A	8”	GA	MO	SV3-RCS-M6-002 (F-5)	C	O/C	AI	PI (III-3300) STO III-3100 III-3300		Closed safety function is passive
SV3-RCS-PL-V014A ADS Stage 4 Block Valve	1	N	B	P	14”	GA	MO	SV3-RCS-M6-001 (G-6)	O	O	AI	PI (ISTC-3700)		
SV3-RCS-PL-V014B ADS Stage 4 Block Valve	1	N	B	P	14”	GA	MO	SV3-RCS-M6-001 (F-3)	O	O	AI	PI (ISTC-3700)		
SV3-RCS-PL-V014C ADS Stage 4 Block Valve	1	N	B	P	14”	GA	MO	SV3-RCS-M6-001 (F-6)	O	O	AI	PI (ISTC-3700)		
SV3-RCS-PL-V014D ADS Stage 4 Block Valve	1	N	B	P	14”	GA	MO	SV3-RCS-M6-001 (F-3)	O	O	AI	PI (ISTC-3700)		
SV3-RCS-PL-V150A Reactor Head Vent Valve	1	N	B	A	1”	GL	SO	SV3-RCS-M6-001 (D-4)	C	O/C	C	PI (ISTC-3700) STO STC FST RVT		Thermal Relief function
SV3-RCS-PL-V150B Reactor Head Vent Valve	1	N	B	A	1”	GL	SO	SV3-RCS-M6-001 (D-4)	C	O/C	C	PI (ISTC-3700) STO STC FST RVT		Thermal Relief function
SV3-RCS-PL-V150C Reactor Head Vent Valve	1	N	B	A	1”	GL	SO	SV3-RCS-M6-001 (D-4)	C	O/C	C	PI (ISTC-3700) STO STC FST		

System: RCS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position: Normal	Position: Safety	Position: Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV3-RCS-PL-V150D Reactor Head Vent Valve	1	N	B	A	1”	GL	SO	SV3-RCS-M6-001 (D-4)	C	O/C	C	PI (ISTC-3700) STO STC FST		
SV3-RCS-PL-V233 RV Head Vent to IRWST Isolation Valve	3	N	B	P	2”	GL	MA	SV3-RCS-M6-002 (H-3)	O	O	AI	PI (ISTC-3700)		Open only indication
SV3-RCS-PY-K03 Pressurizer Relief Valve Discharge Line Rupture Disc	3	N	D	A	10”	RD	SA	SV3-RCS-M6-002 (H-8)	C	O	NA	VE(I-7160/7260)		
SV3-RCS-PY-K04 Pressurizer Relief Valve Discharge Line Rupture Disc	3	N	D	A	10”	RD	SA	SV3-RCS-M6-002 (F-7)	C	O	NA	VE(I-7160/7260)		

Vogtle Electric Generating Plant – Units 3&4
Valve Table

Unit 3

System: RNS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position Normal	Position Safety	Position Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV3-RNS-PL-V001A	1	N	A	A	10″	GA	MO	SV3-RNS-M6-001 (F-2)	C	C	AI	PI (III-3300) STC III-3100 III-3300 LT		
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 (III-3300) STC III-3100 III-3300 LT		
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 (III-3300) STC III-3100 III-3300 LT		
RNS Suction from RCS Outer Isolation /IC Containment Isolation Valve												LT-App. J		
SV3-RNS-PL-V002B	1	N	A	A	10″	GA	MO	SV3-RNS-M6-001 (D-2)	C	C	AI	PI (III-3300) STC III-3100 III-3300 LT		
RNS Suction from RCS Outer Isolation /IC Containment Isolation Valve												LT-App. J		
SV3-RNS-PL-V003A	2	N	C	A	1″	CK	SA	SV3-RNS-M6-001 (G-2)	C	O	NA	CKOP		Accommodate thermal expansion
RNS PIV Thermal Relief Valve												CKC		
SV3-RNS-PL-V003B	2	N	C	A	1″	CK	SA	SV3-RNS-M6-001 (D-2)	C	O	NA	CKOP		Accommodate thermal expansion
RNS PIV Thermal Relief Valve												CKC		
SV3-RNS-PL-V011	2	N	A	A	8″	GA	MO	SV3-RNS-M6-001 (F-7)	C	C	AI	PI (III-3300) STC III-3100 III-3300		
RNS Discharge Header to Containment OC Containment Isolation Valve												LT-App. J		

System: RNS

Valve ID						Valve	Actuator	Drawing	----------Position----------			Required		
Description	Class	Aug.	Cat.	A/P	Size	Type	Type	& Co-ord.	Normal	Safety	Fail-Safe	Test	Alt/CC	Comments/Notes
SV3-RNS-PL-V012	2	N	A	A	1″	GL	MA	SV3-RNS-M6-001	C	C/O	AI	ETM		
Post-Accident Long Term RCS Make-up & Containment Isolation Valve								(G-7)				LT-App. J		
SV3-RNS-PL-V013	2	N	AC	A	8″	CK	SA	SV3-RNS-M6-001	C	C/O	NA	CKO		Accommodate thermal expansion
								(F-7)				CKC		
RNS to Containment IC Containment Isolation Valve												LT-App. J		
SV3-RNS-PL-V015A	1	N	AC	A	6″	CK	SA	SV3-RNS-M6-001	C	C/O	NA	CKO		Accommodate thermal expansion
								(F-8)				CKC		
RNS to DVI Stop Check Valve												LT		
SV3-RNS-PL-V015B	1	N	AC	A	6″	CK	SA	SV3-RNS-M6-001	C	C/O	NA	CKO		Accommodate thermal expansion
								(F-8)				CKC		
RNS to DVI Stop Check Valve												LT		
SV3-RNS-PL-V017A	1	N	AC	A	6″	CK	SA	SV3-RNS-M6-001	C	C/O	NA	CKO		Accommodate thermal expansion
								(F-8)				CKC		
RNS to DVI Check Valve												LT		
SV3-RNS-PL-V017B	1	N	AC	A	6″	CK	SA	SV3-RNS-M6-001	C	C/O	NA	CKO		Accommodate thermal expansion
								(F-8)				CKC		
RNS to DVI Check Valve												LT		
SV3-RNS-PL-V020	2	N	AC	A	1″	RV	SA	SV3-RNS-M6-001	C	O/C	NA	RVT(I-7150(b))		Verify Vendor setpoint
								(G-2)				RVT(I-7150(c))		Leak tightness per Vendor test
												VE(I-7150(a))		
RNS Suction Relief Valve												LT-App. J		
SV3-RNS-PL-V021	2	N	AC	A	3″	RV	SA	SV3-RNS-M6-001	C	O/C	NA	RVT(I-7150(b))		Verify Vendor setpoint
								(G-2)				RVT(I-7150(c))		Leak tightness per Vendor test
												VE(I-7150(a))		
RNS Suction Relief Valve												LT-App. J		
SV3-RNS-PL-V022	2	N	A	A	10″	GA	MO	SV3-RNS-M6-001	C	C	AI	PI (III-3300)		
								(F-3)				STC		
												III-3100		
												III-3300		
RNS Suction from RCS OC Containment Isolation Valve												LT-App. J		
SV3-RNS-PL-V023	2	N	A	A	10″	GA	MO	SV3-RNS-M6-001	C	C	AI	PI (III-3300)		
								(E-3)				STC		
												III-3100		
												III-3300		
RNS Suction from IRWST/IC Containment Isolation Valve												LT-App. J		

System: RNS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position: Normal	Position: Safety	Position: Fail-Safe	Required Test	Alt/CC	Comments/Notes
SV3-RNS-PL-V061	2	N	A	A	3”	GL	AO	SV3-RNS-M6-001 (G-3)	C	C	C	PI (ISTC-3700) STC FST		
CVS return to RNS Suction/IC Containment Isolation Valve												LT-App. J		

Vogtle Electric Generating Plant – Units 3&4
Valve Table

Unit 3

System: SDS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position Normal	Position Safety	Position Fail-Safe	Required Test	Alt/CC	Comments/Notes
SV3-SDS-PL-V001	3	N	B	A	3″	BU	MO	SV3-SDS-M6-001 (E-5)	O	C	AI	PI (III-3300) STC III-3100		
MCR SDS (Vent) Isolation Valve												III-3300		
SV3-SDS-PL-V002	3	N	B	A	3″	BU	MO	SV3-SDS-M6-001 (E-5)	O	C	AI	PI (III-3300) STC III-3100		
MCR SDS (Vent) Isolation Valve												III-3300		

Vogtle Electric Generating Plant – Units 3&4
Valve Table

Unit 3

System: SFS

Valve ID						Valve	Actuator	Drawing	----------Position----------			Required	
Description	Class	Aug.	Cat.	A/P	Size	Type	Type	& Co-ord.	Normal	Safety	Fail-Safe	Test Alt/CC	Comments/Notes
SV3-SFS-PL-V031	3	N	B	P	6″	BU	MA	SV3-SFS-M6-001	LO	O	AI	PI (ISTC-3700)	
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 (ISTC-3700)	
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 (III-3300)	
								(D-6)				STC	
												III-3100	
												III-3300	
Refueling Cavity/IRWST to SFS IC Containment Iso Valve												LT-App. J	
SV3-SFS-PL-V035	2	N	A	A	6″	BU	MO	SV3-SFS-M6-001	C	C	AI	PI (III-3300)	
								(D-5)				STC	
												III-3100	
												III-3300	
Refueling Cavity/IRWST to SFS OC Containment Iso Valve												LT-App. J	
SV3-SFS-PL-V037	2	N	AC	A	4″	CK	SA	SV3-SFS-M6-001	C	C/O	NA	CKC	
								(B-6)				CKOP	Accommodate thermal expansion
SFS to Refueling Cavity/IRWST IC Containment Iso Valve												LT-App. J	
SV3-SFS-PL-V038	2	N	A	A	4″	BU	MO	SV3-SFS-M6-001	C	C	AI	PI (III-3300)	
								(B-5)				STC	
												III-3100	
												III-3300	
SFS to Refueling Cavity/IRWST OC Containment Iso Valve												LT-App. J	
SV3-SFS-PL-V041	3	N	B	A	6″	BU	MA	SV3-SFS-M6-001	LC	C	AI	ETM	
SFS Cask Loading Pit Suction Isolation Valve								(F-1)					
SV3-SFS-PL-V066	3	N	B	A	2″	BA	MA	SV3-SFS-M6-001	LC	C/O	AI	ETM	
Spent Fuel Pool Boiloff Makeup Isolation Valve								(F-3)					
SV3-SFS-PL-V067	2	N	AC	A	1″	RV	SA	SV3-SFS-M6-001	C	O/C	NA	RVT(I-7150(b))	Verify Vendor setpoint
								(E-6)				RVT(I-7150(c))	Leak tightness per Vendor test
												VE(I-7150(a))	
Refueling Cavity/IRWST to SFS Penetration Relief Valve												LT-App. J	

System: SFS

Valve ID						Valve	Actuator	Drawing	----------Position----------			Required		
Description	Class	Aug.	Cat.	A/P	Size	Type	Type	& Co-ord.	Normal	Safety	Fail-Safe	Test	Alt/CC	Comments/Notes
SV3-SFS-PL-V068	3	N	B	A	4”	BU	MA	SV3-SFS-M6-001	LO	O	AI	ETM		
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	CKO		
Refueling Cavity/IRWST to SFS Penetration Relief Valve								(E-6)				CKC		
SV3-SFS-PL-V072	3	N	C	A	6”	CK	SA	SV3-SFS-M6-001	C	O/C	NA	CKO		
Refueling Cavity/IRWST to SFS Penetration Relief Valve								(E-6)				CKC		
SV3-SFS-PL-V075	3	N	B	P	20”	BU	MA	SV3-SFS-M6-001	LO	O	AI	PI (ISTC-3700)		
SFS Reactor Cavity Post-Accident Containment Floodup Valve								(G-7)						

Vogtle Electric Generating Plant – Units 3&4
Valve Table

Unit 3

System: SGS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position: Normal	Position: Safety	Position: Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV3-SGS-PL-V027A	2	N	B	A	12”	GL	MO	SV3-SGS-M6-001 (G-2)	O	C	AI	PI (III-3300) STC III-3100		
SG 1 PORV Isolation valve												III-3300		
SV3-SGS-PL-V027B	2	N	B	A	12”	GL	MO	SV3-SGS-M6-002 (G-2)	O	C	AI	PI (III-3300) STC III-3100		
SG 2 PORV Isolation valve												III-3300		
SV3-SGS-PL-V030A	2	N	C	A	8X10”	RV	SA	SV3-SGS-M6-001 (G-4/5)	C	O/C	NA	VE(I-7150(a)) RVT(I-7150(b)) RVT(I-7150(c)) RVT(I-7250(a)(1))		Verify Vendor setpoint Leak tightness per Vendor test Setpoint verification (due 6m prior to Initial Criticality)
SG 1 Safety Valve												RVT(I-7250(a)(2))		Leak tightness verification after set test
SV3-SGS-PL-V030B	2	N	C	A	8X10”	RV	SA	SV3-SGS-M6-002 (G-4/5)	C	O/C	NA	VE(I-7150(a)) RVT(I-7150(b)) RVT(I-7150(c)) RVT(I-7250(a)(1))		Verify Vendor setpoint Leak tightness per Vendor test Setpoint verification (due 6m prior to Initial Criticality)
SG 2 Safety Valve												RVT(I-7250(a)(2))		Leak tightness verification after set test
SV3-SGS-PL-V031A	2	N	C	A	8X10”	RV	SA	SV3-SGS-M6-001 (G-4)	C	O/C	NA	VE(I-7150(a)) RVT(I-7150(b)) RVT(I-7150(c)) RVT(I-7250(a)(1))		Verify Vendor setpoint Leak tightness per Vendor test Setpoint verification (due 6m prior to Initial Criticality)
SG 1 Safety Valve												RVT(I-7250(a)(2))		Leak tightness verification after set test

System: SGS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position: Normal	Position: Safety	Position: Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV3-SGS-PL-V031B	2	N	C	A	8X10"	RV	SA	SV3-SGS-M6-002 (G-4)	C	O/C	NA	VE(I-7150(a))		
												RVT(I-7150(b))		Verify Vendor setpoint
												RVT(I-7150(c))		Leak tightness per Vendor test
												RVT(I-7250(a)(1))		Setpoint verification (due 6m prior to Initial Criticality)
SG 2 Safety Valve												RVT(I-7250(a)(2))		Leak tightness verification after set test
SV3-SGS-PL-V032A	2	N	C	A	8X10"	RV	SA	SV3-SGS-M6-001 (G-4)	C	O/C	NA	VE(I-7150(a))		
												RVT(I-7150(b))		Verify Vendor setpoint
												RVT(I-7150(c))		Leak tightness per Vendor test
												RVT(I-7250(a)(1))		Setpoint verification (due 6m prior to Initial Criticality)
SG 1 Safety Valve												RVT(I-7250(a)(2))		Leak tightness verification after set test
SV3-SGS-PL-V032B	2	N	C	A	8X10"	RV	SA	SV3-SGS-M6-002 (G-4)	C	O/C	NA	VE(I-7150(a))		
												RVT(I-7150(b))		Verify Vendor setpoint
												RVT(I-7150(c))		Leak tightness per Vendor test
												RVT(I-7250(a)(1))		Setpoint verification (due 6m prior to Initial Criticality)
SG 2 Safety Valve												RVT(I-7250(a)(2))		Leak tightness verification after set test
SV3-SGS-PL-V033A	2	N	C	A	8X10"	RV	SA	SV3-SGS-M6-001 (G-3)	C	O/C	NA	VE(I-7150(a))		
												RVT(I-7150(b))		Verify Vendor setpoint
												RVT(I-7150(c))		Leak tightness per Vendor test
												RVT(I-7250(a)(1))		Setpoint verification (due 6m prior to Initial Criticality)
SG 1 Safety Valve												RVT(I-7250(a)(2))		Leak tightness verification after set test
SV3-SGS-PL-V033B	2	N	C	A	8X10"	RV	SA	SV3-SGS-M6-002 (G-3)	C	O/C	NA	VE(I-7150(a))		
												RVT(I-7150(b))		Verify Vendor setpoint
												RVT(I-7150(c))		Leak tightness per Vendor test
												RVT(I-7250(a)(1))		Setpoint verification (due 6m prior to Initial Criticality)
SG 2 Safety Valve												RVT(I-7250(a)(2))		Leak tightness verification after set test

System: SGS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position Normal	Position Safety	Position Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV3-SGS-PL-V034A	2	N	C	A	8X10"	RV	SA	SV3-SGS-M6-001 (G-3)	C	O/C	NA	VE(I-7150(a))		
												RVT(I-7150(b))		Verify Vendor setpoint
												RVT(I-7150(c))		Leak tightness per Vendor test
												RVT(I-7250(a)(1))		Setpoint verification (due 6m prior to Initial Criticality)
SG 1 Safety Valve												RVT(I-7250(a)(2))		Leak tightness verification after set test
SV3-SGS-PL-V034B	2	N	C	A	8X10"	RV	SA	SV3-SGS-M6-002 (G-3)	C	O/C	NA	VE(I-7150(a))		
												RVT(I-7150(b))		Verify Vendor setpoint
												RVT(I-7150(c))		Leak tightness per Vendor test
												RVT(I-7250(a)(1))		Setpoint verification (due 6m prior to Initial Criticality)
SG 2 Safety Valve												RVT(I-7250(a)(2))		Leak tightness verification after set test
SV3-SGS-PL-V035A	2	N	C	A	8X10"	RV	SA	SV3-SGS-M6-001 (G-3)	C	O/C	NA	VE(I-7150(a))		
												RVT(I-7150(b))		Verify Vendor setpoint
												RVT(I-7150(c))		Leak tightness per Vendor test
												RVT(I-7250(a)(1))		Setpoint verification (due 6m prior to Initial Criticality)
SG 1 Safety Valve												RVT(I-7250(a)(2))		Leak tightness verification after set test
SV3-SGS-PL-V035B	2	N	C	A	8X10"	RV	SA	SV3-SGS-M6-002 (G-3)	C	O/C	NA	VE(I-7150(a))		
												RVT(I-7150(b))		Verify Vendor setpoint
												RVT(I-7150(c))		Leak tightness per Vendor test
												RVT(I-7250(a)(1))		Setpoint verification (due 6m prior to Initial Criticality)
SG 2 Safety Valve												RVT(I-7250(a)(2))		Leak tightness verification after set test
SV3-SGS-PL-V036A	2	N	B	A	2"	GL	AO	SV3-SGS-M6-001 (G-3)	O	C	C	PI (ISTC-3700)		
												STC		
SG1 Steam Line Drain Isolation												FST		
SV3-SGS-PL-V036B	2	N	B	A	2"	GL	AO	SV3-SGS-M6-002 (G-3)	O	C	C	PI (ISTC-3700)		
												STC		
SG2 Steam Line Drain Isolation												FST		

System: SGS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position Normal	Position Safety	Position Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV3-SGS-PL-V040A SG 1 Main Steam Isolation Valve	2	N	B	A	38″	GA	PH	SV3-SGS-M6-001 (G-1)	O	C	C	PI (ISTC-3700) STC FST		
SV3-SGS-PL-V040B SG 2 Main Steam Isolation Valve	2	N	B	A	38″	GA	PH	SV3-SGS-M6-002 (G-1)	O	C	C	PI (ISTC-3700) STC FST		
SV3-SGS-PL-V057A SG 1 Main Feedwater Isolation Valve	2	N	B	A	20″	GA	PH	SV3-SGS-M6-001 (E-4)	O	C	C	PI (ISTC-3700) STC FST		
SV3-SGS-PL-V057B SG 2 Main Feedwater Isolation Valve	2	N	B	A	20″	GA	PH	SV3-SGS-M6-002 (E-4)	O	C	C	PI (ISTC-3700) STC FST		
SV3-SGS-PL-058A SG1 Main Feed Check Valve	2	N	C	A	20″	CK	SA	SV3-SGS-M6-001 (E-5)	O	C/O	NA	CKOP CKC		Accommodate thermal expansion
SV3-SGS-PL-058B SG2 Main Feed Check Valve	2	N	C	A	20″	CK	SA	SV3-SGS-M6-002 (E-5)	O	C/O	NA	CKOP CKC		Accommodate thermal expansion
SV3-SGS-PL-V067A SG 1 Startup Feedwater Isolation Valve	2	N	B	A	6″	GA	MO	SV3-SGS-M6-001 (D-5)	O	C	AI	PI (III-3300) STC III-3100 III-3300		
SV3-SGS-PL-V067B SG 2 Startup Feedwater Isolation Valve	2	N	B	A	6″	GA	MO	SV3-SGS-M6-002 (D-5)	O	C	AI	PI (III-3300) STC III-3100 III-3300		
SV3-SGS-PL-V074A SG 1 Blowdown Isolation Valve	2	N	B	A	4″	GL	AO	SV3-SGS-M6-001 (C-5)	O	C	C	PI (ISTC-3700) STC FST		
SV3-SGS-PL-V074B SG 2 Blowdown Isolation Valve	2	N	B	A	4″	GL	AO	SV3-SGS-M6-002 (C-5)	O	C	C	PI (ISTC-3700) STC FST		
SV3-SGS-PL-V075A SG 1 Blowdown Isolation Valve Second-off	3	N	B	A	4″	GL	AO	SV3-SGS-M6-001 (C-5)	O	C	C	PI (ISTC-3700) STC FST		

System: SGS

Valve ID						Valve	Actuator	Drawing	----------Position----------			Required		
Description	Class	Aug.	Cat.	A/P	Size	Type	Type	& Co-ord.	Normal	Safety	Fail-Safe	Test	Alt/CC	Comments/Notes
SV3-SGS-PL-V075B	3	N	B	A	4″	GL	AO	SV3-SGS-M6-002 (C-5)	O	C	C	PI (ISTC-3700) STC FST		
SG 2 Blowdown Isolation Valve Second-off														
SV3-SGS-PL-V086A	3	N	B	A	2″	GL	AO	SV3-SGS-M6-001 (F-3)	C	C	C	PI (ISTC-3700) STC FST		
SG1 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 (ISTC-3700) STC FST		
SG2 Steam Line Drain Level Control														
SV3-SGS-PL-V233A	3	N	B	A	12″	GL	AO	SV3-SGS-M6-001 (H-2)	C	C	C	PI (ISTC-3700) STC FST		
SG 1 Power Operated Relief Valve (PORV)														
SV3-SGS-PL-V233B	3	N	B	A	12″	GL	AO	SV3-SGS-M6-002 (H-2)	C	C	C	PI (ISTC-3700) STC FST		
SG 2 Power Operated Relief Valve (PORV)														
SV3-SGS-PL-V240A	2	N	B	A	3″	GL	AO	SV3-SGS-M6-001 (G-1)	C	C	C	PI (ISTC-3700) STC FST		
SG 1 MSIV Bypass Valve														
SV3-SGS-PL-V240B	2	N	B	A	3″	GL	AO	SV3-SGS-M6-002 (G-1)	C	C	C	PI (ISTC-3700) STC FST		
SG 2 MSIV Bypass Valve														
SV3-SGS-PL-V250A	3	N	B	A	20″	GL	AO	SV3-SGS-M6-001 (E-2/3)	O	C	C	PI (ISTC-3700) STC FST		
SG 1 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 (ISTC-3700) STC FST		
SG 2 Feedwater Control Valve														
SV3-SGS-PL-V255A	3	N	B	A	6″	GL	AO	SV3-SGS-M6-001 (D-4)	C	C	C	PI (ISTC-3700) STC FST		
SG 1 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 (ISTC-3700) STC FST		
SG 2 Startup Feedwater Control Valve														

System: SGS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position Normal	Position Safety	Position Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV3-SGS-PL-256A SG1 Startup Feedwater Check Valve	2	N	C	A	6″	CK	SA	SV3-SGS-M6-001 (D-4)	C	O	NA	CKOP CKC		Accommodate thermal expansion
SV3-SGS-PL-256B SG2 Startup Feedwater Check Valve	2	N	C	A	6″	CK	SA	SV3-SGS-M6-002 (D-4)	C	O	NA	CKOP CKC		Accommodate thermal expansion
SV3-SGS-PL-V257A Main Feedwater Thermal Relief	3	N	C	A	1″	RV	SA	SV3-SGS-M6-001 (E-4)	C	O	NA	RVT(I-7150(b)) RVT(I-7150(c)) VE(I-7150(a))		Verify Vendor setpoint Leak tightness per Vendor test
SV3-SGS-PL-V257B Main Feedwater Thermal Relief	3	N	C	A	1″	RV	SA	SV3-SGS-M6-002 (E-4)	C	O	NA	RVT(I-7150(b)) RVT(I-7150(c)) VE(I-7150(a))		Verify Vendor setpoint Leak tightness per Vendor test
SV3-SGS-PL-V258A Startup Feedwater Thermal Relief	3	N	C	A	1″	RV	SA	SV3-SGS-M6-001 (D-4)	C	O	NA	RVT(I-7150(b)) RVT(I-7150(c)) VE(I-7150(a))		Verify Vendor setpoint Leak tightness per Vendor test
SV3-SGS-PL-V258B Startup Feedwater Thermal Relief	3	N	C	A	1″	RV	SA	SV3-SGS-M6-002 (D-4)	C	O	NA	RVT(I-7150(b)) RVT(I-7150(c)) VE(I-7150(a))		Verify Vendor setpoint Leak tightness per Vendor test

Vogtle Electric Generating Plant – Units 3&4
Valve Table

Unit 3

System: VBS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position Normal	Position Safety	Position Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV3-VBS-PL-V186	3	N	B	A	28″	BU	MO	SV3-VBS-M6-007 (F-6)	O	C	AI	PI (III-3300) STC III-3100 III-3300		
MCR Supply Air Isolation Valve														
SV3-VBS-PL-V187	3	N	B	A	28″	BU	MO	SV3-VBS-M6-007 (F-6)	O	C	AI	PI (III-3300) STC III-3100 III-3300		
MCR Supply Air Isolation Valve														
SV3-VBS-PL-V188	3	N	B	A	28″	BU	MO	SV3-VBS-M6-007 (C-7)	O	C	AI	PI (III-3300) STC III-3100 III-3300		
MCR Return Air Isolation Valve														
SV3-VBS-PL-V189	3	N	B	A	28″	BU	MO	SV3-VBS-M6-007 (C-6)	O	C	AI	PI (III-3300) STC III-3100 III-3300		
MCR Return Air Isolation Valve														
SV3-VBS-PL-V190	3	N	B	A	6″	BU	MO	SV3-VBS-M6-007 (C-3)	O	C	AI	PI (III-3300) STC III-3100 III-3300		
MCR Toilet Exhaust Isolation Valve														
SV3-VBS-PL-V191	3	N	B	A	6″	BU	MO	SV3-VBS-M6-007 (C-3)	O	C	AI	PI (III-3300) STC III-3100 III-3300		
MCR Toilet Exhaust Isolation Valve														

Vogtle Electric Generating Plant – Units 3&4
Valve Table

Unit 3

System: VES

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position: Normal	Position: Safety	Position: Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV3-VES-PL-V001 Air Delivery Isolation Valve	3	N	B	A	1″	GL	MA	SV3-VES-M6-002 (D-5)	C	O/C	AI	ETM		
SV3-VES-PL-V005A Air Delivery Isolation Valve A	3	N	B	A	1″	GL	SO	SV3-VES-M6-002 (F-5)	C	O	O	PI (ISTC-3700) STO FST		
SV3-VES-PL-V005B Air Delivery Isolation Valve B	3	N	B	A	1″	GL	SO	SV3-VES-M6-002 (E-5)	C	O	O	PI (ISTC-3700) STO FST		
SV3-VES-PL-V018 Temporary Instrumentation-Isolation Valve	3	N	B	A	1″	GL	MA	SV3-VES-M6-002 (F-5)	C	O/C	AI	ETM		
SV3-VES-PL-V019 Temporary Instrumentation-Isolation Valve	3	N	B	A	1″	GL	MA	SV3-VES-M6-002 (D-5)	C	O/C	AI	ETM		
SV3-VES-PL-V022A Pressure Relief Isolation Valve A	3	N	B	A	4″	BU	AO	SV3-VES-M6-002 (C-2)	C	O	O	PI (ISTC-3700) STO FST		
SV3-VES-PL-V022B Pressure Relief Isolation Valve B	3	N	B	A	4″	BU	AO	SV3-VES-M6-002 (C-2)	C	O	O	PI (ISTC-3700) STO FST		
SV3-VES-PL-V040A Air Tank Safety Relief Valve A	3	N	C	A	1″	RV	SA	SV3-VES-M6-001 (H-4)	C	O/C	NA	RVT(I-7150(b)) RVT(I-7150(c)) VE(I-7150(a))		Verify Vendor setpoint Leak tightness per Vendor test
SV3-VES-PL-V040B Air Tank Safety Relief Valve B	3	N	C	A	1″	RV	SA	SV3-VES-M6-001 (F-4)	C	O/C	NA	RVT(I-7150(b)) RVT(I-7150(c)) VE(I-7150(a))		Verify Vendor setpoint Leak tightness per Vendor test
SV3-VES-PL-V040C Air Tank Safety Relief Valve C	3	N	C	A	1″	RV	SA	SV3-VES-M6-001 (E-4)	C	O/C	NA	RVT(I-7150(b)) RVT(I-7150(c)) VE(I-7150(a))		Verify Vendor setpoint Leak tightness per Vendor test

System: VES

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position: Normal	Position: Safety	Position: Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV3-VES-PL-V040D Air Tank Safety Relief Valve D	3	N	C	A	1″	RV	SA	SV3-VES-M6-001 (C-4)	C	O/C	NA	RVT(I-7150(b)) RVT(I-7150(c)) VE(I-7150(a))		Verify Vendor setpoint Leak tightness per Vendor test
SV3-VES-PL-V044 Eductor Flow Path Isolation Valve	3	N	B	A	1″	GL	MA	SV3-VES-M6-002 (F-4)	LO	O/C	AI	ETM		
SV3-VES-PL-V045 Eductor Flow Path Isolation Valve	3	N	B	A	1″	GL	MA	SV3-VES-M6-002 (E-3)	LO	O/C	AI	ETM		
SV3-VES-PL-V046 Eductor Bypass Isolation Valve	3	N	B	A	1″	GL	MA	SV3-VES-M6-002 (D-3)	C	O/C	AI	ETM		

Vogtle Electric Generating Plant – Units 3&4
Valve Table

Unit 3

System: VFS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position Normal	Position Safety	Position Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV3-VFS-PL-V003	2	N	A	A	16″	BU	AO	SV3-VFS-M6-001 (B-4)	C	C	C	PI (ISTC-3700) STC FST		
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 (ISTC-3700) STC FST		
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 (ISTC-3700) STC FST		
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 (ISTC-3700) STC FST		
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	O/C	AI	PI (III-3300) STC STO III-3100 III-3300		
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	O/C	AI	PI (III-3300) STC STO III-3100 III-3300		
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	VE(I-7170) RVT(I-7270(a))		Vacuum Relief Actuation to verify open/close
Containment Vacuum Relief Valve A – IRC												LT-App. J		Also meets LT requirements of I-7270(b)

System: VFS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position: Normal	Position: Safety	Position: Fail-Safe	Required Test	Alt/CC	Comments/Notes
SV3-VFS-PL-V803B	2	N	AC	A	6”	VB	SA	SV3-VFS-M6-001 (E-7)	C	O/C	NA	VE(I-7170) RVT(I-7270(a))		Vacuum Relief Actuation to verify open/close
Containment Vacuum Relief Valve B – IRC												LT-App. J		Also meets LT requirements of I-7270(b)

Vogtle Electric Generating Plant – Units 3&4
Valve Table

Unit 3

System: VWS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position: Normal	Position: Safety	Position: Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV3-VWS-PL-V053	3	N	C	A	2″	RV	SA	SV3-VWS-M6-003 (B-6)	C	O	NA	RVT(I-7150(b)) RVT(I-7150(c)) VE(I-7150(a))		Verify Vendor setpoint Leak tightness per Vendor test
Ctmt Cooling Unit Supply Hdr Relief														
SV3-VWS-PL-V057	3	N	C	A	2″	RV	SA	SV3-VWS-M6-003 (H-4)	C	O	NA	RVT(I-7150(b)) RVT(I-7150(c)) VE(I-7150(a))		Verify Vendor setpoint Leak tightness per Vendor test
Ctmt Cooling Unit Return Hdr Relief														
SV3-VWS-PL-V058	2	N	A	A	8″	BU	AO	SV3-VWS-M6-003 (B-6)	O	C	C	PI (ISTC-3700) STC FST LT App. J		
Chilled Water Inlet Containment Isolation Valve														
SV3-VWS-PL-V062	2	N	AC	A	8″	CK	SA	SV3-VWS-M6-003 (B-6)	O	C/O	NA	CKC CKOP LT App. J		Accommodate thermal expansion
Fan Coolers Supply IC Isol Check Valve														
SV3-VWS-PL-V080	2	N	AC	A	1″	RV	SA	SV3-VWS-M6-003 (H-4)	C	C/O	NA	RVT(I-7150(b)) RVT(I-7150(c)) VE(I-7150(a)) LT App. J		Verify Vendor setpoint Leak tightness per Vendor test
Ctmt Cooling Unit Return CIV Relief														
SV3-VWS-PL-V082	2	N	A	A	8″	BU	AO	SV3-VWS-M6-003 (G-3)	O	C	C	PI (ISTC-3700) STC FST LT App. J		
Chilled Water Outlet Containment Isolation Valve														
SV3-VWS-PL-V086	2	N	A	A	8″	BU	AO	SV3-VWS-M6-003 (G-3)	O	C	C	PI (ISTC-3700) STC FST LT App. J		
Chilled Water Outlet Containment Isolation Valve														

Vogtle Electric Generating Plant – Units 3&4
Valve Table

Unit 3

System: WLS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position Normal	Position Safety	Position Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV3-WLS-PL-V055	2	N	A	A	2″	PL	AO	SV3-WLS-M6-001 (C-4)	C	C	C	PI (ISTC-3700) STC FST		
Containment Sump Discharge CIV – IRC												LT-App. J		
SV3-WLS-PL-V057	2	N	A	A	2″	PL	AO	SV3-WLS-M6-001 (C-3)	C	C	C	PI (ISTC-3700) STC FST		
Containment Sump Discharge CIV – ORC												LT-App. J		
SV3-WLS-PL-V058	2	N	AC	A	1″	RV	SA	SV3-WLS-M6-001 (C-4)	C	C/O	NA	RVT(I-7150(b)) RVT(I-7150(c)) VE(I-7150(a))		Verify Vendor setpoint Leak tightness per Vendor test
Containment Sump Discharge Penetration Thermal Relief												LT-App. J		
SV3-WLS-PL-V067	2	N	A	A	1″	GL	AO	SV3-WLS-M6-001 (E-3)	C	C	C	PI (ISTC-3700) STC FST		
RCDT Gas Outlet CIV - IRC												LT-App. J		
SV3-WLS-PL-V068	2	N	A	A	1″	GL	AO	SV3-WLS-M6-001 (E-3)	C	C	C	PI (ISTC-3700) STC FST		
RCDT Gas Outlet CIV - ORC												LT-App. J		
SV3-WLS-PL-V071A	3	N	C	A	4″	CK	SA	SV3-WLS-M6-001 (C-8)	C	O/C	NA	CKO CKC		
CVS Compt Floor Drain Check														
SV3-WLS-PL-V071B	3	N	C	A	4″	CK	SA	SV3-WLS-M6-001 (F-8)	C	O/C	NA	CKO CKC		
PXS Compt A Floor Drain Check														
SV3-WLS-PL-V071C	3	N	C	A	4″	CK	SA	SV3-WLS-M6-001 (F-8)	C	O/C	NA	CKO CKC		
PXS Compt B Floor Drain Check														
SV3-WLS-PL-V072A	3	N	C	A	4″	CK	SA	SV3-WLS-M6-001 (C-7)	C	O/C	NA	CKO CKC		
CVS Compt Floor Drain Check														
SV3-WLS-PL-V072B	3	N	C	A	4″	CK	SA	SV3-WLS-M6-001 (F-8)	C	O/C	NA	CKO CKC		
PXS Compt A Floor Drain Check														

System: WLS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position Normal	Position Safety	Position Fail-Safe	Required Test	Alt/CC	Comments/Notes
SV3-WLS-PL-V072C PXS Compt B Floor Drain Check	3	N	C	A	4”	CK	SA	SV3-WLS-M6-001 (F-8)	C	O/C	NA	CKO CKC		

8.0 VEGP-4 VALVE TABLES

Vogtle Electric Generating Plant – Units 3&4
Valve Table

Unit 4

System: CAS

Valve ID / Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position: Normal	Position: Safety	Position: Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV4-CAS-PL-V014 Instrument Air Containment Isolation Valve	2	N	A	A	2”	BA	AO	SV4-CAS-M6-005 (F-3)	O	C	C	PI (ISTC-3700) STC FST LT-App. J		
SV4-CAS-PL-V015 Instrument Air Containment Isolation Check Valve	2	N	AC	A	2”	CK	SA	SV4-CAS-M6-005 (F-4)	O	C/O	NA	CKC CKOP LT-App. J		Accommodate thermal expansion
SV4-CAS-PL-V204 Service Air Containment Isolation Valve	2	N	A	P	3”	BA	MA	SV4-CAS-M6-012 (E-5)	LC	C	C	LT-App. J		
SV4-CAS-PL-V205 Service Air Containment Isolation Check Valve	2	N	AC	A	3”	CK	SA	SV4-CAS-M6-012 (E-4)	C	C/O	NA	CKC CKOP LT-App. J		Accommodate thermal expansion

Vogtle Electric Generating Plant – Units 3&4
Valve Table

Unit 4

System: CCS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position: Normal	Position: Safety	Position: Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV4-CCS-PL-V200 Cooling Water Supply Ctmt Isol- ORC	2	N	A	A	10”	BU	MO	SV4-CCS-M6-002 (H-2)	O	C	AI	PI (III-3300) STC III-3100 III-3300 LT-App. J		
SV4-CCS-PL-V201 Cooling Water Ctmt Supply Check	2	N	AC	A	10”	CK	SA	SV4-CCS-M6-002 (H-2)	O	C/O	NA	CKC CKOP LT-App. J		Accommodate thermal expansion
SV4-CCS-PL-V207 Cooling Water Return Ctmt Isol – IRC	2	N	A	A	10”	BU	MO	SV4-CCS-M6-002 (B-2)	O	C	AI	PI (III-3300) STC III-3100 III-3300 LT-App. J		
SV4-CCS-PL-V208 Cooling Water Return Ctmt Isol - ORC	2	N	A	A	10”	BU	MO	SV4-CCS-M6-002 (B-1)	O	C	AI	PI (III-3300) STC III-3100 III-3300 LT-App. J		
SV4-CCS-PL-V220 Ctmt Return CIV Thermal Relief	2	N	AC	A	1”	RV	SA	SV4-CCS-M6-002 (C-2)	C	C/O	NA	RVT(I-7150(b)) RVT(I-7150(c)) VE(I-7150(a)) LT-App. J		Verify Vendor setpoint, Thermal Relief Leak tightness per Vendor test
SV4-CCS-PL-V270 CCS Supply Line to Ctmt Safety/Relief	3	N	C	A	4”	RV	SA	SV4-CCS-M6-002 (H-2)	C	O	NA	RVT(I-7150(b)) RVT(I-7150(c)) VE(I-7150(a))		Verify Vendor setpoint, Thermal Relief Leak tightness per Vendor test
SV4-CCS-PL-V271 CCS Return Line to Ctmt Safety/Relief	3	N	C	A	4”	RV	SA	SV3-CCS-M6-002 (C-2)	C	O	NA	RVT(I-7150(b)) RVT(I-7150(c)) VE(I-7150(a))		Verify Vendor setpoint, Thermal Relief Leak tightness per Vendor test

Vogtle Electric Generating Plant – Units 3&4
Valve Table

Unit 4

System: CVS

Valve ID						Valve	Actuator	Drawing	----------Position----------			Required		
Description	Class	Aug.	Cat.	A/P	Size	Type	Type	& Co-ord.	Normal	Safety	Fail-Safe	Test	Alt/CC	Comments/Notes
SV4-CVS-PL-V001	1	N	B	A	3″	GA	MO	SV4-CVS-M6-001 (G-8)	O	C	AI	PI (III-3300) STC III-3100		
CVS Purification Stop Valve												III-3300		
SV4-CVS-PL-V002	1	N	B	A	3″	GA	MO	SV4-CVS-M6-001 (G-7)	O	C	AI	PI (III-3300) STC III-3100		
CVS Purification Stop Valve												III-3300		
SV4-CVS-PL-V003	3	N	B	A	3″	GL	MO	SV4-CVS-M6-001 (G-7)	O	C	AI	PI (III-3300) STC III-3100		
CVS Purification Stop Valve												III-3300		
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 Inside Containment Isolation Valve														
SV4-CVS-PL-V041	2	N	A	P	2″	BA	MA	SV4-CVS-M6-005 (F-2)	LC	C	AI	LT-App. J		
Resin Flush Outside Containment Isolation Valve														
SV4-CVS-PL-V042	2	N	AC	A	1″	RV	SA	SV4-CVS-M6-005 (G-4)	C	C/O	NA	RVT(I-7150(b)) RVT(I-7150(c)) VE(I-7150(a))	Verify Vendor setpoint, Thermal Relief Leak tightness per Vendor test	
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 (ISTC-3700) STC FST		
Letdown Line Inside Containment Isolation Valve												LT-App. J		
SV4-CVS-PL-V047	2	N	A	A	2″	GL	AO	SV4-CVS-M6-005 (D-2)	C	C	C	PI (ISTC-3700) STC FST		
Letdown Line Outside Containment Isolation Valve												LT-App. J		

System: CVS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position: Normal	Position: Safety	Position: Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV4-CVS-PL-V058	2	N	AC	A	1″	RV	SA	SV4-CVS-M6-005 (E-4)	C	C/O	NA	RVT(I-7150(b)) RVT(I-7150(c)) VE(I-7150(a))		Verify Vendor setpoint, Thermal Relief Leak tightness per Vendor test
Letdown Line Relief 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	CKC		
Make-up Discharge Header Check Valve												CKOP		Accommodate thermal expansion
SV4-CVS-PL-V067	1	N	C	A	1″	CK	SA	SV4-CVS-M6-001 (F-7)	O	C/O	NA	CKC		
Makeup Return Line Spring-Assisted Check Valve												CKOP		Accommodate thermal expansion
SV4-CVS-PL-V080	3	N	C	A	3″	CK	SA	SV4-CVS-M6-001 (G-7)	O	C/O	NA	CKC		
Regen HX Shell Side Outlet Check Valve												CKOP		Accommodate thermal expansion
SV4-CVS-PL-V081	1	N	BC	A	3″	SC	AO	SV4-CVS-M6-001 (G-7)	O	C	NA	PI (ISTC-3700) CKC		
Purification Return Line Stop Check Valve												CKOP		
SV4-CVS-PL-V082	1	N	C	A	3″	CK	SA	SV4-CVS-M6-001 (G-8)	O	C/O	NA	CKC		
RCS Purification Return Line Check Valve												CKOP		Accommodate thermal expansion
SV4-CVS-PL-V084	1	N	B	A	2″	GL	AO	SV4-CVS-M6-001 (F-7)	C	C	C	PI (ISTC-3700) STC		
Auxiliary Pressurizer Spray Line Isolation Valve												FST		
SV4-CVS-PL-V085	1	N	C	A	2″	CK	SA	SV4-CVS-M6-001	C	C/O	NA	CKC		
Auxiliary Pressurizer Spray Line Valve												CKOP		Accommodate thermal expansion
SV4-CVS-PL-V090	2	N	A	A	3″	GA	MO	SV4-CVS-M6-005 (C-2)	O	C	AI	PI (III-3300) STC III-3100 III-3300		
Makeup Line Outside Containment Isolation Valve												LT-App. J		
SV4-CVS-PL-V091	2	N	A	A	3″	GA	MO	SV4-CVS-M6-005 (C-4)	O	C	AI	PI (III-3300) STC III-3100 III-3300		
Makeup Line Inside Containment Isolation Valve												LT-App. J		
SV4-CVS-PL-V092	2	N	A	A	1″	GL	AO	SV4-CVS-M6-003 (F-6)	O	C	C	PI (ISTC-3700) STC FST		
Zinc Injection Containment Isolation Valve ORC												LT-App. J		

System: CVS

Valve ID						Valve	Actuator	Drawing	----------Position----------			Required		
Description	Class	Aug.	Cat.	A/P	Size	Type	Type	& Co-ord.	Normal	Safety	Fail-Safe	Test	Alt/CC	Comments/Notes
SV4-CVS-PL-V094	2	N	A	A	1”	GL	AO	SV4-CVS-M6-003 (F-7)	O	C	C	PI (ISTC-3700) STC FST		
Zinc Injection Containment Isolation Valve IRC												LT-App. J		
SV4-CVS-PL-V098	2	N	AC	A	1”	RV	SA	SV4-CVS-M6-003 (F-6)	C	C/O	NA	RVT(I-7150(b)) RVT(I-7150(c)) VE(I-7150(a))		Verify Vendor setpoint, Thermal Relief Leak tightness per Vendor test
Zinc Injection Ctmt Isol Thermal Relief Valve												LT-App. J		
SV4-CVS-PL-V100	2	N	AC	A	1”	CK	SA	SV4-CVS-M6-005 (B-4)	O	C/O	NA	CKC CKOP		Accommodate thermal expansion
Makeup Line Containment Isolation Relief												LT-App. J		
SV4-CVS-PL-V136A	3	N	B	A	2”	BU	AO	SV4-CVS-M6-004 (C-4)	C	C	C	PI (ISTC-3700) STC		
Demineralized Water System Isolation Valve												FST		
SV4-CVS-PL-V136B	3	N	B	A	2”	BU	AO	SV4-CVS-M6-004 (C-4)	C	C	C	PI (ISTC-3700) STC		
Demineralized Water System Isolation Valve												FST		
SV4-CVS-PL-V217	2	N	AC	A	½”	CK	SA	SV4-CVS-M6-003 (D-7)	O	C/O	NA	CKC CKOP		Accommodate thermal expansion
Hydrogen Injection Containment Isolation Check Valve IRC												LT-App. J		
SV4-CVS-PL-V219	2	N	A	A	½”	GL	AO	SV4-CVS-M6-003 (D-6)	O	C	C	PI (ISTC-3700) STC FST		
Hydrogen Injection Containment Isolation Valve ORC												LT-App. J		

Vogtle Electric Generating Plant – Units 3&4
Valve Table

Unit 4

System: DWS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position Normal	Position Safety	Position Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV4-DWS-PL-V241	3	N	C	A	1″	RV	SA	SV4-DWS-M6-007 (E-5)	C	O	NA	RVT(I-7150(b))	RVT(I-7150(c)) VE(I-7150(a))	Verify Vendor setpoint, Thermal Relief Leak tightness per Vendor test
Demin Water Supply to Containment Relief														
SV4-DWS-PL-V244	2	N	A	P	3″	BU	MA	SV4-DWS-M6-007 (E-6)	LC	C	AI	LT-App. J		Exercised during Shutdown and leaktest
Demin Water Supply Containment Isolation - Outside														
SV4-DWS-PL-V245	2	N	AC	A	2″	CK	SA	SV4-DWS-M6-007 (E-6)	C	C/O	NA	CKC CKOP		Accommodate thermal expansion
Demin Water Supply Containment Isolation Check Valve - IRC												LT-App. J		

Vogtle Electric Generating Plant – Units 3&4
Valve Table

Unit 4

System: FHS

Valve ID						Valve	Actuator	Drawing	----------Position----------			Required		
Description	Class	Aug.	Cat.	A/P	Size	Type	Type	& Co-ord.	Normal	Safety	Fail-Safe	Test	Alt/CC	Comments/Notes
SV4-FHS-PL-V001	3	N	B	A	30"	GA	MA	SV4-SFS-M6-001 (F-6)	C	C	AI	ETM		
Fuel Transfer Tube Isolation Valve														

Vogtle Electric Generating Plant – Units 3&4
Valve Table

Unit 4

System: FPS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position: Normal	Position: Safety	Position: Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV4-FPS-PL-V050	2	N	A	P	6”	BU	MA	SV4-FPS-M6-004 (F-5)	LC	C	AI	LT-App. J		Exercised during Shutdown and leaktest
Fire Water Containment Supply Isolation														
SV4-FPS-PL-V052	2	N	AC	A	6”	CK	SA	SV4-FPS-M6-004 (F-5)	C	C/O	NA	CKC CKOP		Accommodate thermal expansion
Fire Water Supply Cont Isol Check Valve - IRC												LT-App. J		
SV4-FPS-PL-V702	3	N	C	A	1”	RV	SA	SV4-FPS-M6-004 (F/G-5)	C	O	NA	RVT(I-7150(b)) RVT(I-7150(c))		Verify Vendor setpoint, Thermal Relief Leak tightness per Vendor test
Fire Water Supply IC Thermal Relief												VE(I-7150(a))		

Vogtle Electric Generating Plant – Units 3&4
Valve Table

Unit 4

System: MSS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position Normal	Position Safety	Position Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV4-MSS-PL-V001 Turbine Bypass Control Valve	N	Y	B	A	16″	GL	AO	SV4-MSS-M6-001 (H-8)	C	C	C	PI (ISTC-3700) STC FST		Required by TS 3.7.2
SV4-MSS-PL-V002 Turbine Bypass Control Valve	N	Y	B	A	16″	GL	AO	SV4-MSS-M6-001 (H-7)	C	C	C	PI (ISTC-3700) STC FST		Required by TS 3.7.2
SV4-MSS-PL-V003 Turbine Bypass Control Valve	N	Y	B	A	16″	GL	AO	SV4-MSS-M6-001 (H-6)	C	C	C	PI (ISTC-3700) STC FST		Required by TS 3.7.2
SV4-MSS-PL-V004 Turbine Bypass Control Valve	N	Y	B	A	16″	GL	AO	SV4-MSS-M6-001 (H-4)	C	C	C	PI (ISTC-3700) STC FST		Required by TS 3.7.2
SV4-MSS-PL-V005 Turbine Bypass Control Valve	N	Y	B	A	16″	GL	AO	SV4-MSS-M6-001 (H-3)	C	C	C	PI (ISTC-3700) STC FST		Required by TS 3.7.2
SV4-MSS-PL-V006 Turbine Bypass Control Valve	N	Y	B	A	16″	GL	AO	SV4-MSS-M6-001 (H-2)	C	C	C	PI (ISTC-3700) STC FST		Required by TS 3.7.2
SV4-MSS-PL-V015A MSR 2ND Stage Reheat Steam AO Isolation Valve	N	Y	B	A	10″	GL	AO	SV4-MSS-M6-001 (B-6)	O	C	C	PI (ISTC-3700) STC FST		Required by TS 3.7.2
SV4-MSS-PL-V015B MSR 2ND Stage Reheat Steam AO Isolation Valve	N	Y	B	A	10″	GL	AO	SV4-MSS-M6-001 (G-6)	O	C	C	PI (ISTC-3700) STC FST		Required by TS 3.7.2

Vogtle Electric Generating Plant – Units 3&4
Valve Table

Unit 4

System: MTS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position: Normal	Position: Safety	Position: Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV4-MTS-PL-V001A Main Turbine Stop Valve	N	Y	B	A	28″	GL	EH	SV4-MTS-M6-002 (F-6)	O	C	C	PI (ISTC-3700) STC FST		Required by TS 3.7.2
SV4-MTS-PL-V001B Main Turbine Stop Valve	N	Y	B	A	28″	GL	EH	SV4-MTS-M6-002 (C-6)	O	C	C	PI (ISTC-3700) STC FST		Required by TS 3.7.2
SV4-MTS-PL-V002A Main Turbine Control Valve	N	Y	B	A	28″	GL	EH	SV4-MTS-M6-002 (F-6)	O	C	C	PI (ISTC-3700) STC FST		Required by TS 3.7.2
SV4-MTS-PL-V002B Main Turbine Control Valve	N	Y	B	A	28″	GL	EH	SV4-MTS-M6-002 (C-6)	O	C	C	PI (ISTC-3700) STC FST		Required by TS 3.7.2
SV4-MTS-PL-V003A Main Turbine Stop Valve	N	Y	B	A	28″	GL	EH	SV4-MTS-M6-002 (E-6)	O	C	C	PI (ISTC-3700) STC FST		Required by TS 3.7.2
SV4-MTS-PL-V003B Main Turbine Stop Valve	N	Y	B	A	28″	GL	EH	SV4-MTS-M6-002 (D-6)	O	C	C	PI (ISTC-3700) STC FST		Required by TS 3.7.2
SV4-MTS-PL-V004A Main Turbine Control Valve	N	Y	B	A	28″	GL	EH	SV4-MTS-M6-002 (E-6)	O	C	C	PI (ISTC-3700) STC FST		Required by TS 3.7.2
SV4-MTS-PL-V004B Main Turbine Control Valve	N	Y	B	A	28″	GL	EH	SV4-MTS-M6-002 (D-6)	O	C	C	PI (ISTC-3700) STC FST		Required by TS 3.7.2

Vogtle Electric Generating Plant – Units 3&4
Valve Table

Unit 4

System: PCS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position Normal	Position Safety	Position Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV4-PCS-PL-V001A PCS Actuation Valve A	3	N	B	A	6″	BU	AO	SV4-PCS-M6-001 (E-4)	C	O	O	PI (ISTC-3700) STO FST		
SV4-PCS-PL-V001B PCS Actuation Valve B	3	N	B	A	6″	BU	AO	SV4-PCS-M6-001 (E-6)	C	O	O	PI (ISTC-3700) STO FST		
SV4-PCS-PL-V001C PCS Actuation Valve C	3	N	B	A	6″	GA	MO	SV4-PCS-M6-001 (E-5)	C	O	AI	PI (III-3300) STO III-3100 III-3300		This valve has a passive closed function for Spent fuel make-up.
SV4-PCS-PL-V002A PCS Isolation Valve A	3	N	B	A	6″	GA	MO	SV4-PCS-M6-001 (E-4)	O	O	AI	PI (III-3300) STO III-3100 III-3300		This valve has a passive closed function for Spent fuel make-up.
SV4-PCS-PL-V002B PCS Isolation Valve B	3	N	B	A	6″	GA	MO	SV4-PCS-M6-001 (E-6)	O	O	AI	PI (III-3300) STO III-3100 III-3300		This valve has a passive closed function for Spent fuel make-up.
SV4-PCS-PL-V002C PCS Isolation Valve C	3	N	B	A	6″	GA	MO	SV4-PCS-M6-001 (E-5)	O	O	AI	PI (III-3300) STO III-3100 III-3300		This valve has a passive closed function for Spent fuel make-up.
SV4-PCS-PL-V005 PCS to DWS/FPS Iso Valve	3	N	B	A	4″	GA	MA	SV4-PCS-M6-002 (G-5)	O	C	AI	ETM		
SV4-PCS-PL-V009 Spent Fuel Pool Emergency Makeup Valve	3	N	B	A	3″	GA	MA	SV4-PCS-M6-001 (E-4)	C	C/O	AI	ETM		Open for Emergency SFP make-up
SV4-PCS-PL-V015 PCS Long Term supply to Distribution Bucket Drain Valve	3	N	B	A	1″	GL	MA	SV4-PCS-M6-002 (G-8)	O	C	AI	ETM		
SV4-PCS-PL-V020 PCS Long Term supply to Distribution Bucket Iso Valve	3	N	B	A	3″	GA	MA	SV4-PCS-M6-002 (G-7)	C	O	AI	ETM		

System: PCS

Valve ID / Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position: Normal	Position: Safety	Position: Fail-Safe	Required Test	Alt/CC	Comments/Notes
SV4-PCS-PL-V023 PCS Recirc Pumps to PCCWST Iso Valve	3	N	B	A	4″	GA	MA	SV4-PCS-M6-002 (F-7)	O	C	AI	ETM		
SV4-PCS-PL-V039 PCS/SFS Long Term Make-up Supply Check Valve	3	N	C	A	4″	CK	SA	SV4-PCS-M6-002 (F-3)	C	O/C	NA	CKO CKC		
SV4-PCS-PL-V042 PCS Long Term Supply from Temp Pump Drain Valve	3	N	B	A	1″	GL	MA	SV4-PCS-M6-002 (F-3)	O	C	AI	ETM		
SV4-PCS-PL-V044 PCS Long Term Supply from Temp Pump Iso Valve	3	N	B	A	4″	GA	MA	SV4-PCS-M6-002 (F-4)	C	O	AI	ETM		
SV4-PCS-PL-V045 PCS Supply to SFS Make-up Iso Valve	3	N	B	A	2″	GL	MA	SV4-PCS-M6-001 (B-3)	C	O	AI	ETM		
SV4-PCS-PL-V046 PCCWST Recirculation Return Isolation Valve	3	N	B	A	4″	GA	MA	SV4-PCS-M6-002 (H-7)	O	C	AI	ETM		
SV4-PCS-PL-V049 PCCWST Drain Isolation Valve	3	N	B	A	1″	GL	MA	SV4-PCS-M6-001 (B-2)	O	C	AI	ETM		
SV4-PCS-PL-V050 Recirc Header Discharge to SFS Pool Isolation Valve	3	N	B	A	2″	GL	MA	SV4-PCS-M6-002 (F-7)	C	C/O	AI	ETM		
SV4-PCS-PL-V051 Spent Fuel Pool Emergency Makeup Lower Isolation Valve	3	N	B	A	2″	GL	MA	SV4-PCS-M6-001 (B-2)	C	C/O	AI	ETM		

Vogtle Electric Generating Plant – Units 3&4
Valve Table

Unit 4

System: PSS

Valve ID / Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position: Normal	Position: Safety	Position: Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV4-PSS-PL-V001A Hot Leg 1 Sample Isolation Valve	2	N	C	A	1/4″	GL	SO	SV4-PSS-M6-001 E-8	O	O	C	RVT		Thermal Relief function
SV4-PSS-PL-V001B Hot Leg 2 Sample Isolation Valve	2	N	C	A	1/4″	GL	SO	SV4-PSS-M6-001 D-8	C	O	C	RVT		Thermal Relief function
SV4-PSS-PL-V003 Pressurizer Sample Isolation Valve	2	N	C	A	1/4″	GL	SO	SV4-PSS-M6-001 G-8	C	O	C	RVT		Thermal Relief function
SV4-PSS-PL-V008 Containment Air Sample Containment Isolation Valve IRC	2	N	A	A	5/8″	GL	SO	SV4-PSS-M6-001 (D-7)	O	C	C	PI (ISTC-3700) STC FST LT-App. J		
SV4-PSS-PL-V010A Liquid Sample Line Containment Isolation Valve IRC	2	N	AC	A	1/4″	GL	SO	SV4-PSS-M6-001 (D-7)	O	C/O	C	PI (ISTC-3700) STC FST RVT LT-App. J		Thermal Relief function
SV4-PSS-PL-V010B Liquid Sample Line Containment Isolation Valve IRC	2	N	AC	A	1/4″	GL	SO	SV4-PSS-M6-001 (G-7)	C	C/O	C	PI (ISTC-3700) STC FST RVT LT-App. J		Thermal Relief function
SV4-PSS-PL-V011A Liquid Sample Line Containment Isolation Valve ORC	2	N	A	A	1/4″	GL	AO	SV4-PSS-M6-001 (E-6)	O	C	C	PI (ISTC-3700) STC FST LT-App. J		
SV4-PSS-PL-V011B Liquid Sample Line Containment Isolation Valve ORC	2	N	A	A	1/4″	GL	AO	SV4-PSS-M6-001 (G-6)	C	C	C	PI (ISTC-3700) STC FST LT-App. J		

System: PSS

Valve ID						Valve	Actuator	Drawing	----------Position----------			Required		
Description	Class	Aug.	Cat.	A/P	Size	Type	Type	& Co-ord.	Normal	Safety	Fail-Safe	Test	Alt/CC	Comments/Notes
SV4-PSS-PL-V023	2	N	A	A	1”	GL	AO	SV4-PSS-M6-001 (C-6)	O	C	C	PI (ISTC-3700) STC FST		
Sample Return Line Containment Isolation Valve ORC												LT-App. J		
SV4-PSS-PL-V024	2	N	A	A	1”	GL	SO	SV4-PSS-M6-001 (C-7)	O	C	C	PI (ISTC-3700) STC FST		
Sample Return Line Containment Isolation Valve IRC												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 (ISTC-3700) STC FST		
Air Sample Line Containment Isolation Valve ORC												LT-App. J		

Vogtle Electric Generating Plant – Units 3&4
Valve Table

Unit 4

System: PWS

Valve ID						Valve	Actuator	Drawing	----------Position----------			Required		
Description	Class	Aug.	Cat.	A/P	Size	Type	Type	& Co-ord.	Normal	Safety	Fail-Safe	Test	Alt/CC	Comments/Notes
SV4-PWS-PL-V418	3	N	B	A	1″	GL	MA	SV4-PWS-M6-002	O	C	AI	ETM		
Control Room Boundary Outside Isolation Valve								(G-4)						
SV4-PWS-PL-V420	3	N	B	A	1″	GL	MA	SV4-PWS-M6-002	O	C	AI	ETM		
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	VE(I-7170)		
								(F-4)				RVT(I-7270(a))		Actuation to verify open/close
Control Room Boundary Vacuum Breaker												RVT(I-7270(b))		Leak tightness

Vogtle Electric Generating Plant – Units 3&4
Valve Table

Unit 4

System: PXS

Valve ID / Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position: Normal	Position: Safety	Position: Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV4-PXS-PL-V002A RCS to CMT A Isolation Valve	1	N	B	P	8″	GA	MO	SV4-PXS-M6-001 (G/H-5)	O	O	AI	PI (ISTC-3700)		
SV4-PXS-PL-V002B RCS to CMT B Isolation Valve	1	N	B	P	8″	GA	MO	SV4-PXS-M6-001 (G/H-4)	O	O	AI	PI (ISTC-3700)		
SV4-PXS-PL-V013A CMT A Discharge Manual Isol Valve	1	N	B	P	8″	GA	MA	SV4-PXS-M6-001 (D-6)	LO	O	AI	PI (ISTC-3700)		
SV4-PXS-PL-V013B CMT B Discharge Manual Isol Valve	1	N	B	P	8″	GA	MA	SV4-PXS-M6-001 (D-3)	LO	O	AI	PI (ISTC-3700)		
SV4-PXS-PL-V014A CMT A Outlet Valve	1	N	B	A	8″	GL	AO	SV4-PXS-M6-001 (E-7)	C	O	O	PI (ISTC-3700) STO FST		
SV4-PXS-PL-V014B CMT B Outlet Valve	1	N	B	A	8″	GL	AO	SV4-PXS-M6-001 (E-3)	C	O	O	PI (ISTC-3700) STO FST		
SV4-PXS-PL-V015A CMT A Outlet Valve	1	N	B	A	8″	GL	AO	SV4-PXS-M6-001 (D-7)	C	O	O	PI (ISTC-3700) STO FST		
SV4-PXS-PL-V015B CMT B Outlet Valve	1	N	B	A	8″	GL	AO	SV4-PXS-M6-001 (D-3)	C	O	O	PI (ISTC-3700) STO FST		
SV4-PXS-PL-V016A CMT A outlet to RCS Check	1	N	C	A	8″	CK	SA	SV4-PXS-M6-001 (D-6)	O	O/C	NA	CKO CKC		
SV4-PXS-PL-V016B CMT B outlet to RCS Check	1	N	C	A	8″	CK	SA	SV4-PXS-M6-001 (D-3)	O	O/C	NA	CKO CKC		
SV4-PXS-PL-V017A CMT A outlet to RCS Check	1	N	C	A	8″	CK	SA	SV4-PXS-M6-001 (D-6)	O	O/C	NA	CKO CKC		
SV4-PXS-PL-V017B CMT B outlet to RCS Check	1	N	C	A	8″	CK	SA	SV4-PXS-M6-001 (D-3)	O	O/C	NA	CKO CKC		
SV4-PXS-PL-V021A Accumulator A Nitrogen supply Valve	3	N	B	P	1″	GL	SO	SV4-PXS-M6-001 (C-7)	C	C	C	PI (ISTC-3700)		

System: PXS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position Normal	Safety	Fail-Safe	Required Test	Alt/CC	Comments/Notes
SV4-PXS-PL-V021B Accumulator B Nitrogen supply Valve	3	N	B	P	1″	GL	SO	SV4-PXS-M6-001 (C-2)	C	C	C	PI (ISTC-3700)		
SV4-PXS-PL-V022A Accumulator A Relief Valve	3	N	C	A	1″	RV	SA	SV4-PXS-M6-001 (C-7)	C	O/C	NA	VE(I-7150(a)) RVT(I-7150(b)) RVT(I-7150(c))		Verify Vendor setpoint Leak tightness (from Vendor test)
SV4-PXS-PL-V022B Accumulator B Relief Valve	3	N	C	A	1″	RV	SA	SV4-PXS-M6-001 (C-2)	C	O/C	NA	VE(I-7150(a)) RVT(I-7150(b)) RVT(I-7150(c))		Verify Vendor setpoint Leak tightness (from Vendor test)
SV4-PXS-PL-V027A Accumulator A to RCS Isolation Valve	3	N	B	P	8″	GA	MO	SV4-PXS-M6-001 (B-6)	O	O	AI	PI (ISTC-3700)		
SV4-PXS-PL-V027B Accumulator B to RCS Isolation Valve	3	N	B	P	8″	GA	MO	SV4-PXS-M6-001 (B-3)	O	O	AI	PI (ISTC-3700)		
SV4-PXS-PL-V028A Accumulator A outlet to RCS Check	1	N	AC	A	8″	CK	SA	SV4-PXS-M6-001 (B-6)	C	O/C	NA	CKO CKC LT		
SV4-PXS-PL-V028B Accumulator B outlet to RCS Check	1	N	AC	A	8″	CK	SA	SV4-PXS-M6-001 (B-3)	C	O/C	NA	CKO CKC LT		
SV4-PXS-PL-V029A Accumulator A outlet to RCS Check	1	N	AC	A	8″	CK	SA	SV4-PXS-M6-001 (B-6)	C	O/C	NA	CKO CKC LT		
SV4-PXS-PL-V029B Accumulator B outlet to RCS Check	1	N	AC	A	8″	CK	SA	SV4-PXS-M6-001 (B-4)	C	O/C	NA	CKO CKC LT		
SV4-PXS-PL-V042 High Pressure Nitrogen to Containment Isolation Valve	2	N	A	A	1″	GL	AO	SV4-PXS-M6-001 (D-1)	O	C	C	PI (ISTC-3700) STC FST LT-App. J		
SV4-PXS-PL-V043 High Pressure Nitrogen to Containment IC Check Valve	2	N	AC	A	1″	CK	SA	SV4-PXS-M6-001 (D-2)	C	O/C	NA	CKOP CKC LT-App. J		Accommodate thermal expansion
SV4-PXS-PL-V044 High Pressure Nitrogen to Containment Penetration Thermal Relief Valve	N	N	C	A	1″	RV	SA	SV4-PXS-M6-001 (D-2)	C	O	NA	VE(I-7150(a)) RVT(I-7150(b)) RVT(I-7150(c))		Verify Vendor setpoint Leak tightness (from Vendor test)
SV4-PXS-PL-V101 RCS to PRHR Heat Exchanger Isolation Valve	1	N	B	P	14″	GA	MO	SV4-PXS-M6-002	O	O	AI	PI (ISTC-3700)		

System: PXS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position Normal	Position Safety	Position Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV4-PXS-PL-V108A PRHR Heat Exchanger Outlet Valve to RCS A	1	N	B	A	14″	BA	AO	SV4-PXS-M6-002 (F-1)	C	O	O	PI (ISTC-3700) STO FST		
SV4-PXS-PL-V108B PRHR Heat Exchanger Outlet Valve to RCS B	1	N	B	A	14″	BA	AO	SV4-PXS-M6-002 (E-1)	C	O	O	PI (ISTC-3700) STO FST		
SV4-PXS-PL-V109 PRHR HX/RCS Return Isol Valve	1	N	B	P	14″	GA	MA	SV4-PXS-M6-002 (F-1)	LO	O	AI	PI (ISTC-3700)		
SV4-PXS-PL-V117A Containment Recirculation Sump A to RCS Isolation Valve	3	N	B	P	8″	GA	MO	SV4-PXS-M6-002 (E-7)	O	O	AI	PI (ISTC-3700)		
SV4-PXS-PL-V117B Containment Recirculation Sump B to RCS Isolation Valve	3	N	B	P	8″	GA	MO	SV4-PXS-M6-002 (E-5)	O	O	AI	PI (ISTC-3700)		
SV4-PXS-PL-V118A Containment Recirc. Sump A to RCS Actuation Squib Valve	3	N	D	A	8″	SQ	SQ	SV4-PXS-M6-002 (E-7)	C	O	NA	Circuit(ISTC-3100(d)(1)) Charge(ISTC-3100(d)(2))		Alternative VEGP 3&4-PST-Alt-01
SV4-PXS-PL-V118B Containment Recirc. Sump B to RCS Actuation Squib Valve	3	N	D	A	8″	SQ	SQ	SV4-PXS-M6-002 (E-5)	C	O	NA	Circuit(ISTC-3100(d)(1)) Charge(ISTC-3100(d)(2))		Alternative VEGP 3&4-PST-Alt-01
SV4-PXS-PL-V119A Containment Recirc. Sump A outlet to RCS Check	3	N	C	A	8″	CK	SA	SV4-PXS-M6-002 (D-7)	C	O/C	NA	PI (ISTC-3700) CKO CKC		
SV4-PXS-PL-V119B Containment Recirc. Sump B outlet to RCS Check	3	N	C	A	8″	CK	SA	SV4-PXS-M6-002 (D-5)	C	O/C	NA	PI (ISTC-3700) CKO CKC		
SV4-PXS-PL-V120A Containment Recirc. Sump A to RCS Actuation Squib Valve	3	N	D	A	8″	SQ	SQ	SV4-PXS-M6-002 (D-7)	C	O	NA	Circuit(ISTC-3100(d)(1)) Charge(ISTC-3100(d)(2))		Alternative VEGP 3&4-PST-Alt-01
SV4-PXS-PL-V120B Containment Recirc. Sump B to RCS Actuation Squib Valve	3	N	D	A	8″	SQ	SQ	SV4-PXS-M6-002 (D-5)	C	O	NA	Circuit(ISTC-3100(d)(1)) Charge(ISTC-3100(d)(2))		Alternative VEGP 3&4-PST-Alt-01
SV4-PXS-PL-V121A IRWST/Recirc Sump to RCS A Isolation Valve	3	N	B	P	8″	GA	MO	SV4-PXS-M6-002 (D-7)	O	O	AI	PI (ISTC-3700)		
SV4-PXS-PL-V121B IRWST/Recirc Sump to RCS B Isolation Valve	3	N	B	P	8″	GA	MO	SV4-PXS-M6-002 (D-5)	O	O	AI	PI (ISTC-3700)		
SV4-PXS-PL-V122A IRWST/Recirc Sump to RCS A outlet to RCS Check	1	N	C	A	8″	CK	SA	SV4-PXS-M6-002 (C-7)	C	O/C	NA	PI (ISTC-3700) CKO CKC		
SV4-PXS-PL-V122B IRWST/Recirc Sump to RCS B outlet to RCS Check	1	N	C	A	8″	CK	SA	SV4-PXS-M6-002 (C-5)	C	O/C	NA	PI (ISTC-3700) CKO CKC		

System: PXS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position Normal	Safety	Fail-Safe	Required Test	Alt/CC	Comments/Notes
SV4-PXS-PL-V123A Containment Recirc. Sump A to RCS Actuation Squib Valve	1	N	D	A	8″	SQ	SQ	SV4-PXS-M6-002 (C-7)	C	O	NA	Circuit(ISTC-3100(d)(1)) Charge(ISTC-3100(d)(2))		Alternative VEGP 3&4-PST-Alt-01
SV4-PXS-PL-V123B Containment Recirc. Sump B to RCS Actuation Squib Valve	1	N	D	A	8″	SQ	SQ	SV4-PXS-M6-002 (D-5)	C	O	NA	Circuit(ISTC-3100(d)(1)) Charge(ISTC-3100(d)(2))		Alternative VEGP 3&4-PST-Alt-01
SV4-PXS-PL-V124A IRWST/Recirc Sump to RCS A outlet to RCS Check	1	N	C	A	8″	CK	SA	SV4-PXS-M6-002 (C-7)	C	O/C	NA	PI (ISTC-3700) CKO CKC		
SV4-PXS-PL-V124B IRWST/Recirc Sump to RCS B outlet to RCS Check	1	N	C	A	8″	CK	SA	SV4-PXS-M6-002 (C-5)	C	O/C	NA	PI (ISTC-3700) CKO CKC		
SV4-PXS-PL-V125A Containment Recirc. Sump A to RCS Actuation Squib Valve	1	N	D	A	8″	SQ	SQ	SV4-PXS-M6-002 (C-7)	C	O	NA	Circuit(ISTC-3100(d)(1)) Charge(ISTC-3100(d)(2))		Alternative VEGP 3&4-PST-Alt-01
SV4-PXS-PL-V125B Containment Recirc. Sump B to RCS Actuation Squib Valve	1	N	D	A	8″	SQ	SQ	SV4-PXS-M6-002 (D-5)	C	O	NA	Circuit(ISTC-3100(d)(1)) Charge(ISTC-3100(d)(2))		Alternative VEGP 3&4-PST-Alt-01
SV4-PXS-PL-V130A Containment Condensation Collection to Containment Sump Isolation Valve A	3	N	B	A	2″	BA	AO	SV4-PXS-M6-002 (H-7)	O	C	C	PI (ISTC-3700) STC FST		
SV4-PXS-PL-V130B Containment Condensation Collection to Containment Sump Isolation Valve B	3	N	B	A	2″	BA	AO	SV4-PXS-M6-002 (H-7)	O	C	C	PI (ISTC-3700) STC FST		
SV4-PXS-PL-V208A RNS Suction Leak Test Valve	2	N	A	P	.375″	GL	MA	SV4-PXS-M6-003 (D-3)	LC	C	C	LT-App. J		
SV4-PXS-PL-V230A Core Makeup Tank A Fill Isolation	2	N	B	P	1″	GL	AO	SV4-PXS-M6-003 (F-6)	C	C	C	PI (ISTC-3700)		
SV4-PXS-PL-V230B Core Makeup Tank B Fill Isolation	2	N	B	P	1″	GL	AO	SV4-PXS-M6-003 (G-6)	C	C	C	PI (ISTC-3700)		
SV4-PXS-PL-V231A Core Makeup Tank A Fill Check	2	N	C	A	1″	CK	SA	SV4-PXS-M6-003 (F-7)	C	C	C	CKOP CKC		Accommodate thermal expansion
SV4-PXS-PL-V231B Core Makeup Tank B Fill Check	2	N	C	A	1″	CK	SA	SV4-PXS-M6-003 (G-7)	C	C	C	CKOP CKC		Accommodate thermal expansion
SV4-PXS-PL-V232A Accumulator B Fill/Drain Isolation	3	N	B	P	1″	GL	AO	SV4-PXS-M6-003 (E-6)	C	C	C	PI (ISTC-3700)		
SV4-PXS-PL-V232B Accumulator B Fill/Drain Isolation	3	N	B	P	1″	GL	AO	SV4-PXS-M6-003 (G-6)	C	C	C	PI (ISTC-3700)		

Vogtle Electric Generating Plant – Units 3&4
Valve Table

Unit 4

System: RCS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position: Normal	Position: Safety	Position: Fail-Safe	Required Test	Alt/CC	Comments/Notes
SV4-RCS-PL-V001A ADS Stage 1 Control Valve	1	N	B	A	4”	GL	MO	SV4-RCS-M6-002 (G-5)	C	O	AI	PI (III-3300) STO III-3100 III-3300		
SV4-RCS-PL-V001B ADS Stage 1 Control Valve	1	N	B	A	4”	GL	MO	SV4-RCS-M6-002 (E-5)	C	O	AI	PI (III-3300) STO III-3100 III-3300		
SV4-RCS-PL-V002A ADS Stage 2 Control Valve	1	N	B	A	8”	GL	MO	SV4-RCS-M6-002 (G-5)	C	O	AI	PI (III-3300) STO III-3100 III-3300		
SV4-RCS-PL-V002B ADS Stage 2 Control Valve	1	N	B	A	8”	GL	MO	SV4-RCS-M6-002 (E-5)	C	O	AI	PI (III-3300) STO III-3100 III-3300		
SV4-RCS-PL-V003A ADS Stage 3 Control Valve	1	N	B	A	8”	GL	MO	SV4-RCS-M6-002 (H-5)	C	O	AI	PI (III-3300) STO III-3100 III-3300		
SV4-RCS-PL-V003B ADS Stage 3 Control Valve	1	N	B	A	8”	GL	MO	SV4-RCS-M6-002 (F-5)	C	O	AI	PI (III-3300) STO III-3100 III-3300		
SV4-RCS-PL-V004A ADS Stage 4 Valve	1	N	D	A	14”	SQ	SQ	SV4-RCS-M6-001 (G-6)	C	O	NA	Circuit(ISTC-3100(d)(1)) Charge(ISTC-3100(d)(2))	Alternative VEGP 3&4-PST-Alt-01	
SV4-RCS-PL-V004B ADS Stage 4 Valve	1	N	D	A	14”	SQ	SQ	SV4-RCS-M6-001 (F-3)	C	O	NA	Circuit(ISTC-3100(d)(1)) Charge(ISTC-3100(d)(2))	Alternative VEGP 3&4-PST-Alt-01	

System: RCS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position: Normal	Position: Safety	Position: Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV4-RCS-PL-V004C ADS Stage 4 Valve	1	N	D	A	14″	SQ	SQ	SV4-RCS-M6-001 (F-6)	C	O	NA	Circuit(ISTC-3100(d)(1)) Charge(ISTC-3100(d)(2))		 Alternative VEGP 3&4-PST-Alt-01
SV4-RCS-PL-V004D ADS Stage 4 Valve	1	N	D	A	14″	SQ	SQ	SV4-RCS-M6-001 (F-3)	C	O	NA	Circuit(ISTC-3100(d)(1)) Charge(ISTC-3100(d)(2))		 Alternative VEGP 3&4-PST-Alt-01
SV4-RCS-PL-V005A Pressurizer Safety Valve	1	N	C	A	6″	RV	SA	SV4-RCS-M6-002 (H-7)	C	O/C	NA	PI (I-7110(c)/7310(f)) RVT(I-7110(b)) RVT(I-7110(d)) VE(I-7110(a)) RVT(I-7210)		From Vendor test Verify Vendor setpoint Leak tightness per Vendor test Setpoint verification (due 6m prior to Initial Criticality) Alternative VEGP 3&4-PST-Alt-02
SV4-RCS-PL-V005B Pressurizer Safety Valve	1	N	C	A	6″	RV	SA	SV4-RCS-M6-002 (F-6)	C	O/C	NA	PI (I-7110(c)/7310(f)) RVT(I-7110(b)) RVT(I-7110(d)) VE(I-7110(a)) RVT(I-7210)		From Vendor test Verify Vendor setpoint Leak tightness per Vendor test Setpoint verification (due 6m prior to Initial Criticality) Alternative VEGP 3&4-PST-Alt-02
SV4-RCS-PL-V010A ADS Header Vacuum Breaker	3	N	C	A	1″	VB	SA	SV4-RCS-M6-002 (G-4)	C	O	NA	VE(I-7170) RVT(I-7270(a)) RVT(I-7270(b))		 Actuation to verify open/close Leak tightness
SV4-RCS-PL-V010B ADS Header Vacuum Breaker	3	N	C	A	1″	VB	SA	SV4-RCS-M6-002 (E-4)	C	O	NA	VE(I-7170) RVT(I-7270(a)) RVT(I-7270(b))		 Actuation to verify open/close Leak tightness
SV4-RCS-PL-V011A ADS Stage 1 Isolation Valve	1	N	B	A	4″	GA	MO	SV4-RCS-M6-002 (G-5)	C	O/C	AI	PI (III-3300) STO III-3100 III-3300		Closed safety function is passive
SV4-RCS-PL-V011B ADS Stage 1 Isolation Valve	1	N	B	A	4″	GA	MO	SV4-RCS-M6-002 (E-5)	C	O/C	AI	PI (III-3300) STO III-3100 III-3300		Closed safety function is passive
SV4-RCS-PL-V012A ADS Stage 2 Isolation Valve	1	N	B	A	8″	GA	MO	SV4-RCS-M6-002 (G-5)	C	O/C	AI	PI (III-3300) STO III-3100 III-3300		Closed safety function is passive

System: RCS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position: Normal	Position: Safety	Position: Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV4-RCS-PL-V012B ADS Stage 2 Isolation Valve	1	N	B	A	8”	GA	MO	SV4-RCS-M6-002 (E-5)	C	O/C	AI	PI (III-3300) STO III-3100 III-3300		Closed safety function is passive
SV4-RCS-PL-V013A ADS Stage 3 Isolation Valve	1	N	B	A	8”	GA	MO	SV4-RCS-M6-002 (H-5)	C	O/C	AI	PI (III-3300) STO III-3100 III-3300		Closed safety function is passive
SV4-RCS-PL-V013B ADS Stage 3 Isolation Valve	1	N	B	A	8”	GA	MO	SV4-RCS-M6-002 (F-5)	C	O/C	AI	PI (III-3300) STO III-3100 III-3300		Closed safety function is passive
SV4-RCS-PL-V014A ADS Stage 4 Block Valve	1	N	B	P	14”	GA	MO	SV4-RCS-M6-001 (G-6)	O	O	AI	PI (ISTC-3700)		
SV4-RCS-PL-V014B ADS Stage 4 Block Valve	1	N	B	P	14”	GA	MO	SV4-RCS-M6-001 (F-3)	O	O	AI	PI (ISTC-3700)		
SV4-RCS-PL-V014C ADS Stage 4 Block Valve	1	N	B	P	14”	GA	MO	SV4-RCS-M6-001 (F-6)	O	O	AI	PI (ISTC-3700)		
SV4-RCS-PL-V014D ADS Stage 4 Block Valve	1	N	B	P	14”	GA	MO	SV4-RCS-M6-001 (F-3)	O	O	AI	PI (ISTC-3700)		
SV4-RCS-PL-V150A Reactor Head Vent Valve	1	N	B	A	1”	GL	SO	SV4-RCS-M6-001 (D-4)	C	O/C	C	PI (ISTC-3700) STO STC FST RVT		Thermal Relief function
SV4-RCS-PL-V150B Reactor Head Vent Valve	1	N	B	A	1”	GL	SO	SV4-RCS-M6-001 (D-4)	C	O/C	C	PI (ISTC-3700) STO STC FST RVT		Thermal Relief function
SV4-RCS-PL-V150C Reactor Head Vent Valve	1	N	B	A	1”	GL	SO	SV4-RCS-M6-001 (D-4)	C	O/C	C	PI (ISTC-3700) STO STC FST		

System: RCS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position: Normal	Position: Safety	Position: Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV4-RCS-PL-V150D Reactor Head Vent Valve	1	N	B	A	1”	GL	SO	SV4-RCS-M6-001 (D-4)	C	O/C	C	PI (ISTC-3700) STO STC FST		
SV4-RCS-PL-V233 RV Head Vent to IRWST Isolation Valve	3	N	B	P	2”	GL	MA	SV4-RCS-M6-002 (H-3)	O	O	AI	PI (ISTC-3700)		Open only indication
SV4-RCS-PY-K03 Pressurizer Relief Valve Discharge Line Rupture Disc	3	N	D	A	10”	RD	SA	SV4-RCS-M6-002 (H-8)	C	O	NA	VE(I-7160/7260)		
SV4-RCS-PY-K04 Pressurizer Relief Valve Discharge Line Rupture Disc	3	N	D	A	10”	RD	SA	SV4-RCS-M6-002 (F-7)	C	O	NA	VE(I-7160/7260)		

Vogtle Electric Generating Plant – Units 3&4
Valve Table

Unit 4

System: RNS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position Normal	Position Safety	Position Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV4-RNS-PL-V001A	1	N	A	A	10″	GA	MO	SV4-RNS-M6-001 (F-2)	C	C	AI	PI (III-3300) STC III-3100 III-3300		
RNS Suction from RCS Inner Isolation Valve												LT		
SV4-RNS-PL-V001B	1	N	A	A	10″	GA	MO	SV4-RNS-M6-001 (D-2)	C	C	AI	PI (III-3300) STC III-3100 III-3300		
RNS Suction from RCS Inner Isolation Valve												LT		
SV4-RNS-PL-V002A	1	N	A	A	10″	GA	MO	SV4-RNS-M6-001 (F-2)	C	C	AI	PI (III-3300) STC III-3100 III-3300 LT		
RNS Suction from RCS Outer Isolation /IC Containment Isolation Valve												LT-App. J		
SV4-RNS-PL-V002B	1	N	A	A	10″	GA	MO	SV4-RNS-M6-001 (D-2)	C	C	AI	PI (III-3300) STC III-3100 III-3300 LT		
RNS Suction from RCS Outer Isolation /IC Containment Isolation Valve												LT-App. J		
SV4-RNS-PL-V003A	2	N	C	A	1″	CK	SA	SV4-RNS-M6-001 (G-2)	C	O	NA	CKOP CKC		Accommodate thermal expansion
RNS PIV Thermal Relief Valve														
SV4-RNS-PL-V003B	2	N	C	A	1″	CK	SA	SV4-RNS-M6-001 (D-2)	C	O	NA	CKOP CKC		Accommodate 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 (III-3300) STC III-3100 III-3300		
RNS Discharge Header to Containment OC Containment Isolation Valve												LT-App. J		

System: RNS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position: Normal	Position: Safety	Position: Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV4-RNS-PL-V012	2	N	A	A	1″	GL	MA	SV4-RNS-M6-001 (G-7)	C	C/O	AI	ETM		
Post-Accident Long Term RCS Make-up & Containment Isolation Valve												LT- App. J		
SV4-RNS-PL-V013	2	N	AC	A	8″	CK	SA	SV4-RNS-M6-001 (F-7)	C	C/O	NA	CKO CKC		Accommodate thermal expansion
RNS to Containment IC Containment Isolation Valve												LT- App. J		
SV4-RNS-PL-V015A	1	N	AC	A	6″	CK	SA	SV4-RNS-M6-001 (F-8)	C	C/O	NA	CKO CKC		Accommodate thermal expansion
RNS to DVI Stop Check Valve												LT		
SV4-RNS-PL-V015B	1	N	AC	A	6″	CK	SA	SV4-RNS-M6-001 (F-8)	C	C/O	NA	CKO CKC		Accommodate thermal expansion
RNS to DVI Stop Check Valve												LT		
SV4-RNS-PL-V017A	1	N	AC	A	6″	CK	SA	SV4-RNS-M6-001 (F-8)	C	C/O	NA	CKO CKC		Accommodate thermal expansion
RNS to DVI Check Valve												LT		
SV4-RNS-PL-V017B	1	N	AC	A	6″	CK	SA	SV4-RNS-M6-001 (F-8)	C	C/O	NA	CKO CKC		Accommodate thermal expansion
RNS to DVI Check Valve												LT		
SV4-RNS-PL-V020	2	N	AC	A	1″	RV	SA	SV4-RNS-M6-001 (G-2)	C	O/C	NA	RVT(I-7150(b)) RVT(I-7150(c)) VE(I-7150(a))		Verify Vendor setpoint Leak tightness per Vendor test
RNS Suction Relief Valve												LT-App. J		
SV4-RNS-PL-V021	2	N	AC	A	3″	RV	SA	SV4-RNS-M6-001 (G-2)	C	O/C	NA	RVT(I-7150(b)) RVT(I-7150(c)) VE(I-7150(a))		Verify Vendor setpoint Leak tightness per Vendor test
RNS Suction Relief Valve												LT-App. J		
SV4-RNS-PL-V022	2	N	A	A	10″	GA	MO	SV4-RNS-M6-001 (F-3)	C	C	AI	PI (III-3300) STC III-3100 III-3300		
RNS Suction from RCS OC Containment Isolation Valve												LT-App. J		
SV4-RNS-PL-V023	2	N	A	A	10″	GA	MO	SV4-RNS-M6-001 (E-3)	C	C	AI	PI (III-3300) STC III-3100 III-3300		
RNS Suction from IRWST/IC Containment Isolation Valve												LT-App. J		

System: RNS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position: Normal	Position: Safety	Position: Fail-Safe	Required Test	Alt/CC	Comments/Notes
SV4-RNS-PL-V061	2	N	A	A	3”	GL	AO	SV4-RNS-M6-001 (G-3)	C	C	C	PI (ISTC-3700) STC FST		
CVS return to RNS Suction/IC Containment Isolation Valve												LT-App. J		

Vogtle Electric Generating Plant – Units 3&4
Valve Table

Unit 4

System: SDS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position Normal	Position Safety	Position Fail-Safe	Required Test	Alt/CC	Comments/Notes
SV4-SDS-PL-V001	3	N	B	A	3″	BU	MO	SV4-SDS-M6-001 (E-5)	O	C	AI	PI (III-3300) STC III-3100		
MCR SDS (Vent) Isolation Valve												III-3300		
SV4-SDS-PL-V002	3	N	B	A	3″	BU	MO	SV4-SDS-M6-001 (E-5)	O	C	AI	PI (III-3300) STC III-3100		
MCR SDS (Vent) Isolation Valve												III-3300		

Vogtle Electric Generating Plant – Units 3&4
Valve Table

Unit 4

System: SFS

Valve ID						Valve	Actuator	Drawing	----------Position----------			Required		
Description	Class	Aug.	Cat.	A/P	Size	Type	Type	& Co-ord.	Normal	Safety	Fail-Safe	Test	Alt/CC	Comments/Notes
SV4-SFS-PL-V031	3	N	B	P	6″	BU	MA	SV4-SFS-M6-001	LO	O	AI	PI (ISTC-3700)		
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 (ISTC-3700)		
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 (III-3300)		
								(D-6)				STC		
												III-3100		
												III-3300		
Refueling Cavity/IRWST to SFS IC Containment Iso Valve												LT-App. J		
SV4-SFS-PL-V035	2	N	A	A	6″	BU	MO	SV4-SFS-M6-001	C	C	AI	PI (III-3300)		
								(D-5)				STC		
												III-3100		
												III-3300		
Refueling Cavity/IRWST to SFS OC Containment Iso Valve												LT-App. J		
SV4-SFS-PL-V037	2	N	AC	A	4″	CK	SA	SV4-SFS-M6-001	C	C/O	NA	CKC		
								(B-6)				CKOP		Accommodate thermal expansion
SFS to Refueling Cavity/IRWST IC Containment Iso Valve												LT-App. J		
SV4-SFS-PL-V038	2	N	A	A	4″	BU	MO	SV4-SFS-M6-001	C	C	AI	PI (III-3300)		
								(B-5)				STC		
												III-3100		
												III-3300		
SFS to Refueling Cavity/IRWST OC Containment Iso Valve												LT-App. J		
SV4-SFS-PL-V041	3	N	B	A	6″	BU	MA	SV3-SFS-M6-001	LC	C	AI	ETM		
SFS Cask Loading Pit Suction Isolation Valve								(F-1)						
SV4-SFS-PL-V066	3	N	B	A	2″	BA	MA	SV4-SFS-M6-001	LC	C/O	AI	ETM		
Spent Fuel Pool Boiloff Makeup Isolation Valve								(F-3)						
SV4-SFS-PL-V067	2	N	AC	A	1″	RV	SA	SV4-SFS-M6-001	C	O/C	NA	RVT(I-7150(b))		Verify Vendor setpoint
								(E-6)				RVT(I-7150(c))		Leak tightness per Vendor test
												VE(I-7150(a))		
Refueling Cavity/IRWST to SFS Penetration Relief Valve												LT-App. J		

System: SFS

Valve ID / Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position: Normal	Position: Safety	Position: Fail-Safe	Required Test	Alt/CC	Comments/Notes
SV4-SFS-PL-V068 SFS Cask Washdown Pit Drain Isolation Valve	3	N	B	A	4”	BU	MA	SV3-SFS-M6-001 (F-2)	LO	O	AI	ETM		
SV4-SFS-PL-V071 Refueling Cavity/IRWST to SFS Penetration Relief Valve	3	N	C	A	6”	CK	SA	SV4-SFS-M6-001 (E-6)	C	O/C	NA	CKO CKC		
SV4-SFS-PL-V072 Refueling Cavity/IRWST to SFS Penetration Relief Valve	3	N	C	A	6”	CK	SA	SV4-SFS-M6-001 (E-6)	C	O/C	NA	CKO CKC		
SV4-SFS-PL-V075 SFS Reactor Cavity Post-Accident Containment Floodup Valve	3	N	B	P	20”	BU	MA	SV4-SFS-M6-001 (G-7)	LO	O	AI	PI (ISTC-3700)		

Vogtle Electric Generating Plant – Units 3&4
Valve Table

Unit 4

System: SGS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position: Normal	Position: Safety	Position: Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV4-SGS-PL-V027A	2	N	B	A	12”	GL	MO	SV4-SGS-M6-001 (G-2)	O	C	AI	PI (III-3300) STC III-3100		
SG 1 PORV Isolation valve												III-3300		
SV4-SGS-PL-V027B	2	N	B	A	12”	GL	MO	SV4-SGS-M6-002 (G-2)	O	C	AI	PI (III-3300) STC III-3100		
SG 2 PORV Isolation valve												III-3300		
SV4-SGS-PL-V030A	2	N	C	A	8X10”	RV	SA	SV4-SGS-M6-001 (G-4/5)	C	O/C	NA	VE(I-7150(a)) RVT(I-7150(b)) RVT(I-7150(c)) RVT(I-7250(a)(1))		Verify Vendor setpoint Leak tightness per Vendor test Setpoint verification (due 6m prior to Initial Criticality)
SG 1 Safety Valve												RVT(I-7250(a)(2))		Leak tightness verification after set test
SV4-SGS-PL-V030B	2	N	C	A	8X10”	RV	SA	SV4-SGS-M6-002 (G-4/5)	C	O/C	NA	VE(I-7150(a)) RVT(I-7150(b)) RVT(I-7150(c)) RVT(I-7250(a)(1))		Verify Vendor setpoint Leak tightness per Vendor test Setpoint verification (due 6m prior to Initial Criticality)
SG 2 Safety Valve												RVT(I-7250(a)(2))		Leak tightness verification after set test
SV4-SGS-PL-V031A	2	N	C	A	8X10”	RV	SA	SV4-SGS-M6-001 (G-4)	C	O/C	NA	VE(I-7150(a)) RVT(I-7150(b)) RVT(I-7150(c)) RVT(I-7250(a)(1))		Verify Vendor setpoint Leak tightness per Vendor test Setpoint verification (due 6m prior to Initial Criticality)
SG 1 Safety Valve												RVT(I-7250(a)(2))		Leak tightness verification after set test

System: SGS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position: Normal	Position: Safety	Position: Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV4-SGS-PL-V031B	2	N	C	A	8X10"	RV	SA	SV4-SGS-M6-002 (G-4)	C	O/C	NA	VE(I-7150(a))		
												RVT(I-7150(b))		Verify Vendor setpoint
												RVT(I-7150(c))		Leak tightness per Vendor test
												RVT(I-7250(a)(1))		Setpoint verification (due 6m prior to Initial Criticality)
SG 2 Safety Valve												RVT(I-7250(a)(2))		Leak tightness verification after set test
SV4-SGS-PL-V032A	2	N	C	A	8X10"	RV	SA	SV4-SGS-M6-001 (G-4)	C	O/C	NA	VE(I-7150(a))		
												RVT(I-7150(b))		Verify Vendor setpoint
												RVT(I-7150(c))		Leak tightness per Vendor test
												RVT(I-7250(a)(1))		Setpoint verification (due 6m prior to Initial Criticality)
SG 1 Safety Valve												RVT(I-7250(a)(2))		Leak tightness verification after set test
SV4-SGS-PL-V032B	2	N	C	A	8X10"	RV	SA	SV4-SGS-M6-002 (G-4)	C	O/C	NA	VE(I-7150(a))		
												RVT(I-7150(b))		Verify Vendor setpoint
												RVT(I-7150(c))		Leak tightness per Vendor test
												RVT(I-7250(a)(1))		Setpoint verification (due 6m prior to Initial Criticality)
SG 2 Safety Valve												RVT(I-7250(a)(2))		Leak tightness verification after set test
SV4-SGS-PL-V033A	2	N	C	A	8X10"	RV	SA	SV4-SGS-M6-001 (G-3)	C	O/C	NA	VE(I-7150(a))		
												RVT(I-7150(b))		Verify Vendor setpoint
												RVT(I-7150(c))		Leak tightness per Vendor test
												RVT(I-7250(a)(1))		Setpoint verification (due 6m prior to Initial Criticality)
SG 1 Safety Valve												RVT(I-7250(a)(2))		Leak tightness verification after set test
SV4-SGS-PL-V033B	2	N	C	A	8X10"	RV	SA	SV4-SGS-M6-002 (G-3)	C	O/C	NA	VE(I-7150(a))		
												RVT(I-7150(b))		Verify Vendor setpoint
												RVT(I-7150(c))		Leak tightness per Vendor test
												RVT(I-7250(a)(1))		Setpoint verification (due 6m prior to Initial Criticality)
SG 2 Safety Valve												RVT(I-7250(a)(2))		Leak tightness verification after set test

System: SGS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position: Normal	Position: Safety	Position: Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV4-SGS-PL-V034A	2	N	C	A	8X10"	RV	SA	SV4-SGS-M6-001 (G-3)	C	O/C	NA	VE(I-7150(a))		
												RVT(I-7150(b))		Verify Vendor setpoint
												RVT(I-7150(c))		Leak tightness per Vendor test
												RVT(I-7250(a)(1))		Setpoint verification (due 6m prior to Initial Criticality)
SG 1 Safety Valve												RVT(I-7250(a)(2))		Leak tightness verification after set test
SV4-SGS-PL-V034B	2	N	C	A	8X10"	RV	SA	SV4-SGS-M6-002 (G-3)	C	O/C	NA	VE(I-7150(a))		
												RVT(I-7150(b))		Verify Vendor setpoint
												RVT(I-7150(c))		Leak tightness per Vendor test
												RVT(I-7250(a)(1))		Setpoint verification (due 6m prior to Initial Criticality)
SG 2 Safety Valve												RVT(I-7250(a)(2))		Leak tightness verification after set test
SV4-SGS-PL-V035A	2	N	C	A	8X10"	RV	SA	SV4-SGS-M6-001 (G-3)	C	O/C	NA	VE(I-7150(a))		
												RVT(I-7150(b))		Verify Vendor setpoint
												RVT(I-7150(c))		Leak tightness per Vendor test
												RVT(I-7250(a)(1))		Setpoint verification (due 6m prior to Initial Criticality)
SG 1 Safety Valve												RVT(I-7250(a)(2))		Leak tightness verification after set test
SV4-SGS-PL-V035B	2	N	C	A	8X10"	RV	SA	SV4-SGS-M6-002 (G-3)	C	O/C	NA	VE(I-7150(a))		
												RVT(I-7150(b))		Verify Vendor setpoint
												RVT(I-7150(c))		Leak tightness per Vendor test
												RVT(I-7250(a)(1))		Setpoint verification (due 6m prior to Initial Criticality)
SG 2 Safety Valve												RVT(I-7250(a)(2))		Leak tightness verification after set test
SV4-SGS-PL-V036A	2	N	B	A	2"	GL	AO	SV4-SGS-M6-001 (G-3)	O	C	C	PI (ISTC-3700)		
												STC		
SG1 Steam Line Drain Isolation												FST		
SV4-SGS-PL-V036B	2	N	B	A	2"	GL	AO	SV4-SGS-M6-002 (G-3)	O	C	C	PI (ISTC-3700)		
												STC		
SG2 Steam Line Drain Isolation												FST		

System: SGS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position: Normal	Position: Safety	Position: Fail-Safe	Required Test	Alt/CC	Comments/Notes
SV4-SGS-PL-V040A SG 1 Main Steam Isolation Valve	2	N	B	A	38″	GA	PH	SV4-SGS-M6-001 (G-1)	O	C	C	PI (ISTC-3700) STC FST		
SV4-SGS-PL-V040B SG 2 Main Steam Isolation Valve	2	N	B	A	38″	GA	PH	SV4-SGS-M6-002 (G-1)	O	C	C	PI (ISTC-3700) STC FST		
SV4-SGS-PL-V057A SG 1 Main Feedwater Isolation Valve	2	N	B	A	20″	GA	PH	SV4-SGS-M6-001 (E-4)	O	C	C	PI (ISTC-3700) STC FST		
SV4-SGS-PL-V057B SG 2 Main Feedwater Isolation Valve	2	N	B	A	20″	GA	PH	SV4-SGS-M6-002 (E-4)	O	C	C	PI (ISTC-3700) STC FST		
SV4-SGS-PL-058A SG1 Main Feed Check Valve	2	N	C	A	20″	CK	SA	SV4-SGS-M6-001 (E-5)	O	C/O	NA	CKOP CKC		Accommodate thermal expansion
SV4-SGS-PL-058B SG2 Main Feed Check Valve	2	N	C	A	20″	CK	SA	SV4-SGS-M6-002 (E-5)	O	C/O	NA	CKOP CKC		Accommodate thermal expansion
SV4-SGS-PL-V067A SG 1 Startup Feedwater Isolation Valve	2	N	B	A	6″	GA	MO	SV4-SGS-M6-001 (D-5)	O	C	AI	PI (III-3300) STC III-3100 III-3300		
SV4-SGS-PL-V067B SG 2 Startup Feedwater Isolation Valve	2	N	B	A	6″	GA	MO	SV4-SGS-M6-002 (D-5)	O	C	AI	PI (III-3300) STC III-3100 III-3300		
SV4-SGS-PL-V074A SG 1 Blowdown Isolation Valve	2	N	B	A	4″	GL	AO	SV4-SGS-M6-001 (C-5)	O	C	C	PI (ISTC-3700) STC FST		
SV4-SGS-PL-V074B SG 2 Blowdown Isolation Valve	2	N	B	A	4″	GL	AO	SV4-SGS-M6-002 (C-5)	O	C	C	PI (ISTC-3700) STC FST		
SV4-SGS-PL-V075A SG 1 Blowdown Isolation Valve Second-off	3	N	B	A	4″	GL	AO	SV4-SGS-M6-001 (C-5)	O	C	C	PI (ISTC-3700) STC FST		

System: SGS

Valve ID						Valve	Actuator	Drawing	----------Position----------			Required		
Description	Class	Aug.	Cat.	A/P	Size	Type	Type	& Co-ord.	Normal	Safety	Fail-Safe	Test	Alt/CC	Comments/Notes
SV4-SGS-PL-V075B	3	N	B	A	4″	GL	AO	SV4-SGS-M6-002 (C-5)	O	C	C	PI (ISTC-3700) STC FST		
SG 2 Blowdown Isolation Valve Second-off														
SV4-SGS-PL-V086A	3	N	B	A	2″	GL	AO	SV4-SGS-M6-001 (F-3)	C	C	C	PI (ISTC-3700) STC FST		
SG1 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 (ISTC-3700) STC FST		
SG2 Steam Line Drain Level Control														
SV4-SGS-PL-V233A	3	N	B	A	12″	GL	AO	SV4-SGS-M6-001 (H-2)	C	C	C	PI (ISTC-3700) STC FST		
SG 1 Power Operated Relief Valve (PORV)														
SV4-SGS-PL-V233B	3	N	B	A	12″	GL	AO	SV4-SGS-M6-002 (H-2)	C	C	C	PI (ISTC-3700) STC FST		
SG 2 Power Operated Relief Valve (PORV)														
SV4-SGS-PL-V240A	2	N	B	A	3″	GL	AO	SV4-SGS-M6-001 (G-1)	C	C	C	PI (ISTC-3700) STC FST		
SG 1 MSIV Bypass Valve														
SV4-SGS-PL-V240B	2	N	B	A	3″	GL	AO	SV4-SGS-M6-002 (G-1)	C	C	C	PI (ISTC-3700) STC FST		
SG 2 MSIV Bypass Valve														
SV4-SGS-PL-V250A	3	N	B	A	20″	GL	AO	SV4-SGS-M6-001 (E-2/3)	O	C	C	PI (ISTC-3700) STC FST		
SG 1 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 (ISTC-3700) STC FST		
SG 2 Feedwater Control Valve														
SV4-SGS-PL-V255A	3	N	B	A	6″	GL	AO	SV4-SGS-M6-001 (D-4)	C	C	C	PI (ISTC-3700) STC FST		
SG 1 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 (ISTC-3700) STC FST		
SG 2 Startup Feedwater Control Valve														

System: SGS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position: Normal	Position: Safety	Position: Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV4-SGS-PL-256A SG1 Startup Feedwater Check Valve	2	N	C	A	6″	CK	SA	SV4-SGS-M6-001 (D-4)	C	O	NA	CKOP CKC		Accommodate thermal expansion
SV4-SGS-PL-256B SG2 Startup Feedwater Check Valve	2	N	C	A	6″	CK	SA	SV4-SGS-M6-002 (D-4)	C	O	NA	CKOP CKC		Accommodate thermal expansion
SV4-SGS-PL-V257A Main Feedwater Thermal Relief	3	N	C	A	1″	RV	SA	SV4-SGS-M6-001 (E-4)	C	O	NA	RVT(I-7150(b)) RVT(I-7150(c)) VE(I-7150(a))		Verify Vendor setpoint Leak tightness per Vendor test
SV4-SGS-PL-V257B Main Feedwater Thermal Relief	3	N	C	A	1″	RV	SA	SV4-SGS-M6-002 (E-4)	C	O	NA	RVT(I-7150(b)) RVT(I-7150(c)) VE(I-7150(a))		Verify Vendor setpoint Leak tightness per Vendor test
SV4-SGS-PL-V258A Startup Feedwater Thermal Relief	3	N	C	A	1″	RV	SA	SV4-SGS-M6-001 (D-4)	C	O	NA	RVT(I-7150(b)) RVT(I-7150(c)) VE(I-7150(a))		Verify Vendor setpoint Leak tightness per Vendor test
SV4-SGS-PL-V258B Startup Feedwater Thermal Relief	3	N	C	A	1″	RV	SA	SV4-SGS-M6-002 (D-4)	C	O	NA	RVT(I-7150(b)) RVT(I-7150(c)) VE(I-7150(a))		Verify Vendor setpoint Leak tightness per Vendor test

Vogtle Electric Generating Plant – Units 3&4
Valve Table

Unit 4

System: VBS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position Normal	Position Safety	Position Fail-Safe	Required Test	Alt/CC	Comments/Notes
SV4-VBS-PL-V186	3	N	B	A	28″	BU	MO	SV4-VBS-M6-007 (F-6)	O	C	AI	PI (III-3300) STC III-3100 III-3300		
MCR Supply Air Isolation Valve														
SV4-VBS-PL-V187	3	N	B	A	28″	BU	MO	SV4-VBS-M6-007 (F-6)	O	C	AI	PI (III-3300) STC III-3100 III-3300		
MCR Supply Air Isolation Valve														
SV4-VBS-PL-V188	3	N	B	A	28″	BU	MO	SV4-VBS-M6-007 (C-7)	O	C	AI	PI (III-3300) STC III-3100 III-3300		
MCR Return Air Isolation Valve														
SV4-VBS-PL-V189	3	N	B	A	28″	BU	MO	SV4-VBS-M6-007 (C-6)	O	C	AI	PI (III-3300) STC III-3100 III-3300		
MCR Return Air Isolation Valve														
SV4-VBS-PL-V190	3	N	B	A	6″	BU	MO	SV4-VBS-M6-007 (C-3)	O	C	AI	PI (III-3300) STC III-3100 III-3300		
MCR Toilet Exhaust Isolation Valve														
SV4-VBS-PL-V191	3	N	B	A	6″	BU	MO	SV4-VBS-M6-007 (C-3)	O	C	AI	PI (III-3300) STC III-3100 III-3300		
MCR Toilet Exhaust Isolation Valve														

Vogtle Electric Generating Plant – Units 3&4
Valve Table

Unit 4

System: VES

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position Normal	Position Safety	Position Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV4-VES-PL-V001 Air Delivery Isolation Valve	3	N	B	A	1″	GL	MA	SV4-VES-M6-002 (D-5)	C	O/C	AI	ETM		
SV4-VES-PL-V005A Air Delivery Isolation Valve A	3	N	B	A	1″	GL	SO	SV4-VES-M6-002 (F-5)	C	O	O	PI (ISTC-3700) STO FST		
SV4-VES-PL-V005B Air Delivery Isolation Valve B	3	N	B	A	1″	GL	SO	SV4-VES-M6-002 (E-5)	C	O	O	PI (ISTC-3700) STO FST		
SV4-VES-PL-V018 Temporary Instrumentation-Isolation Valve	3	N	B	A	1″	GL	MA	SV4-VES-M6-002 (F-5)	C	O/C	AI	ETM		
SV4-VES-PL-V019 Temporary Instrumentation-Isolation Valve	3	N	B	A	1″	GL	MA	SV4-VES-M6-002 (D-5)	C	O/C	AI	ETM		
SV4-VES-PL-V022A Pressure Relief Isolation Valve A	3	N	B	A	4″	BU	AO	SV4-VES-M6-002 (C-2)	C	O	O	PI (ISTC-3700) STO FST		
SV4-VES-PL-V022B Pressure Relief Isolation Valve B	3	N	B	A	4″	BU	AO	SV4-VES-M6-002 (C-2)	C	O	O	PI (ISTC-3700) STO FST		
SV4-VES-PL-V040A Air Tank Safety Relief Valve A	3	N	C	A	1″	RV	SA	SV4-VES-M6-001 (H-4)	C	O/C	NA	RVT(I-7150(b)) RVT(I-7150(c)) VE(I-7150(a))		Verify Vendor setpoint Leak tightness per Vendor test
SV4-VES-PL-V040B Air Tank Safety Relief Valve B	3	N	C	A	1″	RV	SA	SV4-VES-M6-001 (F-4)	C	O/C	NA	RVT(I-7150(b)) RVT(I-7150(c)) VE(I-7150(a))		Verify Vendor setpoint Leak tightness per Vendor test
SV4-VES-PL-V040C Air Tank Safety Relief Valve C	3	N	C	A	1″	RV	SA	SV4-VES-M6-001 (E-4)	C	O/C	NA	RVT(I-7150(b)) RVT(I-7150(c)) VE(I-7150(a))		Verify Vendor setpoint Leak tightness per Vendor test

System: VES

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position: Normal	Position: Safety	Position: Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV4-VES-PL-V040D Air Tank Safety Relief Valve D	3	N	C	A	1″	RV	SA	SV4-VES-M6-001 (C-4)	C	O/C	NA	RVT(I-7150(b)) RVT(I-7150(c)) VE(I-7150(a))		Verify Vendor setpoint Leak tightness per Vendor test
SV4-VES-PL-V044 Eductor Flow Path Isolation Valve	3	N	B	A	1″	GL	MA	SV4-VES-M6-002 (F-4)	LO	O/C	AI	ETM		
SV4-VES-PL-V045 Eductor Flow Path Isolation Valve	3	N	B	A	1″	GL	MA	SV4-VES-M6-002 (E-3)	LO	O/C	AI	ETM		
SV4-VES-PL-V046 Eductor Bypass Isolation Valve	3	N	B	A	1″	GL	MA	SV4-VES-M6-002 (D-3)	C	O/C	AI	ETM		

Vogtle Electric Generating Plant – Units 3&4
Valve Table

Unit 4

System: VFS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position Normal	Position Safety	Position Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV4-VFS-PL-V003	2	N	A	A	16″	BU	AO	SV4-VFS-M6-001 (B-4)	C	C	C	PI (ISTC-3700) STC FST		
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 (ISTC-3700) STC FST		
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 (ISTC-3700) STC FST		
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 (ISTC-3700) STC FST		
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	O/C	AI	PI (III-3300) STC STO III-3100 III-3300		
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	O/C	AI	PI (III-3300) STC STO III-3100 III-3300		
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	VE(I-7170) RVT(I-7270(a))		Vacuum Relief Actuation to verify open/close
Containment Vacuum Relief Valve A – IRC												LT-App. J		Also meets LT requirements of I-7270(b)

System: VFS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position: Normal	Position: Safety	Position: Fail-Safe	Required Test	Alt/CC	Comments/Notes
SV4-VFS-PL-V803B	2	N	AC	A	6”	VB	SA	SV4-VFS-M6-001 (E-7)	C	O/C	NA	VE(I-7170) RVT(I-7270(a))		Vacuum Relief Actuation to verify open/close
Containment Vacuum Relief Valve B – IRC												LT-App. J		Also meets LT requirements of I-7270(b)

Vogtle Electric Generating Plant – Units 3&4
Valve Table

Unit 4

System: VWS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position Normal	Position Safety	Position Fail-Safe	Required Test	Required Alt/CC	Comments/Notes
SV4-VWS-PL-V053	3	N	C	A	2″	RV	SA	SV4-VWS-M6-003 (B-6)	C	O	NA	RVT(I-7150(b)) RVT(I-7150(c)) VE(I-7150(a))		Verify Vendor setpoint Leak tightness per Vendor test
Ctmt Cooling Unit Supply Hdr Relief														
SV4-VWS-PL-V057	3	N	C	A	2″	RV	SA	SV4-VWS-M6-003 (H-4)	C	O	NA	RVT(I-7150(b)) RVT(I-7150(c)) VE(I-7150(a))		Verify Vendor setpoint Leak tightness per Vendor test
Ctmt Cooling Unit Return Hdr Relief														
SV4-VWS-PL-V058	2	N	A	A	8″	BU	AO	SV4-VWS-M6-003 (B-6)	O	C	C	PI (ISTC-3700) STC FST		
Chilled Water Inlet Containment Isolation Valve												LT App. J		
SV4-VWS-PL-V062	2	N	AC	A	8″	CK	SA	SV4-VWS-M6-003 (B-6)	O	C/O	NA	CKC CKOP		Accommodate thermal expansion
Fan Coolers Supply IC Isol Check Valve												LT App. J		
SV4-VWS-PL-V080	2	N	AC	A	1″	RV	SA	SV4-VWS-M6-003 (H-4)	C	C/O	NA	RVT(I-7150(b)) RVT(I-7150(c)) VE(I-7150(a))		Verify Vendor setpoint Leak tightness per Vendor test
Ctmt Cooling Unit Return CIV Relief												LT App. J		
SV4-VWS-PL-V082	2	N	A	A	8″	BU	AO	SV4-VWS-M6-003 (G-3)	O	C	C	PI (ISTC-3700) STC FST		
Chilled Water Outlet Containment Isolation Valve												LT App. J		
SV4-VWS-PL-V086	2	N	A	A	8″	BU	AO	SV4-VWS-M6-003 (G-3)	O	C	C	PI (ISTC-3700) STC FST		
Chilled Water Outlet Containment Isolation Valve												LT App. J		

Vogtle Electric Generating Plant – Units 3&4
Valve Table

Unit 4

System: WLS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position: Normal	Position: Safety	Position: Fail-Safe	Required Test	Alt/CC	Comments/Notes
SV4-WLS-PL-V055	2	N	A	A	2″	PL	AO	SV4-WLS-M6-001 (C-4)	C	C	C	PI (ISTC-3700) STC FST		
Containment Sump Discharge CIV – IRC												LT-App. J		
SV4-WLS-PL-V057	2	N	A	A	2″	PL	AO	SV4-WLS-M6-001 (C-3)	C	C	C	PI (ISTC-3700) STC FST		
Containment Sump Discharge CIV – ORC												LT-App. J		
SV4-WLS-PL-V058	2	N	AC	A	1″	RV	SA	SV4-WLS-M6-001 (C-4)	C	C/O	NA	RVT(I-7150(b)) RVT(I-7150(c)) VE(I-7150(a))		Verify Vendor setpoint Leak tightness per Vendor test
Containment Sump Discharge Penetration Thermal Relief												LT-App. J		
SV4-WLS-PL-V067	2	N	A	A	1″	GL	AO	SV4-WLS-M6-001 (E-3)	C	C	C	PI (ISTC-3700) STC FST		
RCDT Gas Outlet CIV - IRC												LT-App. J		
SV4-WLS-PL-V068	2	N	A	A	1″	GL	AO	SV4-WLS-M6-001 (E-3)	C	C	C	PI (ISTC-3700) STC FST		
RCDT Gas Outlet CIV - ORC												LT-App. J		
SV4-WLS-PL-V071A	3	N	C	A	4″	CK	SA	SV4-WLS-M6-001 (C-8)	C	O/C	NA	CKO CKC		
CVS Compt Floor Drain Check														
SV4-WLS-PL-V071B	3	N	C	A	4″	CK	SA	SV4-WLS-M6-001 (F-8)	C	O/C	NA	CKO CKC		
PXS Compt A Floor Drain Check														
SV4-WLS-PL-V071C	3	N	C	A	4″	CK	SA	SV4-WLS-M6-001 (F-8)	C	O/C	NA	CKO CKC		
PXS Compt B Floor Drain Check														
SV4-WLS-PL-V072A	3	N	C	A	4″	CK	SA	SV4-WLS-M6-001 (C-7)	C	O/C	NA	CKO CKC		
CVS Compt Floor Drain Check														
SV4-WLS-PL-V072B	3	N	C	A	4″	CK	SA	SV4-WLS-M6-001 (F-8)	C	O/C	NA	CKO CKC		
PXS Compt A Floor Drain Check														

System: WLS

Valve ID Description	Class	Aug.	Cat.	A/P	Size	Valve Type	Actuator Type	Drawing & Co-ord.	Position: Normal	Position: Safety	Position: Fail-Safe	Required Test	Alt/CC	Comments/Notes
SV4-WLS-PL-V072C PXS Compt B Floor Drain Check	3	N	C	A	4”	CK	SA	SV4-WLS-M6-001 (F-8)	C	O/C	NA	CKO CKC		

9.0 PRESERVICE TESTING OF DYNAMIC RESTRAINTS

9.1 GENERAL

All Dynamic Restraints listed in the Tables of Section 11.0 and 12.0 will receive the following:

a) A Visual examination meeting the requirements of ISTD-4110;
b) Testing per ISTD-5120. Note, this testing may have been done at the manufacturer facility as allowed by ISTD-5110;
c) Thermal movement examinations to meet the requirements of ISTD-4130.
d) Corrective actions from failures of visual examinations or tests will be performed in accordance with ISTD-4140 or ISTD-5130, as appropriate.

9.2 SCHEDULE

a) Testing will be performed prior to installation in the system.
b) Initial Visual Examinations will be performed prior to Hot Functional testing.
c) Visual reexaminations, if required per ISTD-4120, will be performed in conjunction with Initial Thermal Movement examinations.
d) Initial Thermal Movement examinations will be performed during Pre-core Hot Functional testing. Any subsequent Thermal Movement examinations will be done during Post-Core Hot Functional testing.

10.0 DYNAMIC RESTRAINTS NOTES

None

11.0 VEGP-3 DYNAMIC RESTRAINTS TABLES

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

Unit 3

System: CVS

Snubber ID	Pipe Class	Type	Iso. Drawing/Co-ord	Alt/CC	Comments/Notes
SV3-CVS-PH-11Y0262-1	3	H	SV3-CVS-PLW-171/D-4		
SV3-CVS-PH-11Y0262-2	3	H	SV3-CVS-PLW-171/D-4		
SV3-CVS-PH-11Y0268	1	H	SV3-CVS-PLW-188/C-4		
SV3-CVS-PH-11Y2040	1	H	SV3-CVS-PLW-171/C-5		
SV3-CVS-PH-11Y2223	1	H	SV3-CVS-PLW-171/C-5		
SV3-CVS-PH-11Y2224	1	H	SV3-CVS-PLW-171/C-4		
SV3-CVS-PH-11Y2227	3	H	SV3-CVS-PLW-171/C-3		
SV3-CVS-PH-11Y2229	1	H	SV3-CVS-PLW-182/C-6		
SV3-CVS-PH-11Y2263	N	H	SV3-CVS-PLW-091/C-4		
SV3-CVS-PH-11Y2265	N	H	SV3-CVS-PLW-091/B-6	.	
SV3-CVS-PH-11Y2266	N	H	SV3-CVS-PLW-091/B-6		
SV3-CVS-PH-11Y7074	3	H	SV3-CVS-PLW-187/B-5		

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

Unit 3

System: PXS

Snubber ID	Pipe Class	Type	Iso. Drawing/Co-ord	Alt/CC	Comments/Notes
SV3-PXS-PH-11Y0020	1	H	SV3-PXS-PLW-01Q/C-5		
SV3-PXS-PH-11Y0578	3	H	SV3-PXS-PLW-01Z/C-5		
SV3-PXS-PH-11Y2052	3	H	SV3-PXS-PLW-02E/C-5/6		
SV3-PXS-PH-11Y2057	3	H	SV3-PXS-PLW-015/C-5		
SV3-PXS-PH-11Y2059	3	H	SV3-PXS-PLW-01H/B-6		

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

Unit 3

System: RCS

Snubber ID	Pipe Class	Type	Iso. Drawing/Co-ord	Alt/CC	Comments/Notes
SV3-RCS-PH-11Y0039	1	H	SV3-RCS-PLW-023/B-5		
SV3-RCS-PH-11Y0060-NE	1	H	SV3-RCS-PLW-023/C-6		
SV3-RCS-PH-11Y0060-NW	1	H	SV3-RCS-PLW-023/C-6		
SV3-RCS-PH-11Y0067	1	H	SV3-RCS-PLW-01L/D-4		
SV3-RCS-PH-11Y0081-1	1	H	SV3-CVS-PLW-188/D-6		
SV3-RCS-PH-11Y0081-2	1	H	SV3-CVS-PLW-188/D-6		
SV3-RCS-PH-11Y0082	1	H	SV3-RCS-PLW-028/C-5		
SV3-RCS-PH-11Y0090	1	H	SV3-PXS-PLW-050/C-3		
SV3-RCS-PH-11Y0103	1	H	SV3-RCS-PLW-043/C-4		
SV3-RCS-PH-11Y0112	1	H	SV3-RCS-PLW-016/B-5		
SV3-RCS-PH-11Y0388	1	H	SV3-RCS-PLW-030/D-3		
SV3-RCS-PH-11Y0391	1	H	SV3-RCS-PLW-03D/D-3		
SV3-RCS-PH-11Y0528	1	H	SV3-RCS-PLW-01K/D-6		
SV3-RCS-PH-11Y0810	1	H	SV3-RCS-PLW-080/B-5		
SV3-RCS-PH-11Y0811	1	H	SV3-RCS-PLW-080/B-4		
SV3-RCS-PH-11Y0813	1	H	SV3-RCS-PLW-070/B-4		
SV3-RCS-PH-11Y1127	1	H	SV3-RCS-PLW-021/C-5		
SV3-RCS-PH-11Y1130	1	H	SV3-RCS-PLW-024/C-4		
SV3-RCS-PH-11Y1132	1	H	SV3-RCS-PLW-023/B-5		
SV3-RCS-PH-11Y1134	1	H	SV3-RCS-PLW-023/B-6		
SV3-RCS-PH-11Y1140	1	H	SV3-RCS-PLW-029/B-6		
SV3-RCS-PH-11Y1141	1	H	SV3-RCS-PLW-023/C-6		
SV3-RCS-PH-11Y1144	1	H	SV3-CVS-PLW-182/B-4		
SV3-RCS-PH-11Y2005	1	H	SV3-RCS-PLW-015/C-5		
SV3-RCS-PH-11Y2101	1	H	SV3-RCS-PLW-01F/B-5		

System: RCS

Snubber ID	Pipe Class	Type	Iso. Drawing/Co-ord	Alt/CC	Comments/Notes
SV3-RCS-PH-11Y2106	1	H	SV3-RCS-PLW-03B/D-3		
SV3-RCS-PH-11Y2107	1	H	SV3-RCS-PLW-03A/D-3		
SV3-RCS-PH-11Y2264	1	H	SV3-RCS-PLW-028/B-6		
SV3-RCS-SS-E03A1	1	H	SV3-PH01-V1-001/G-7 & F-4		
SV3-RCS-SS-E03A2	1	H	SV3-PH01-V1-001/G-7 & F-4		
SV3-RCS-SS-E03B1	1	H	SV3-PH01-V1-001/G-7 & F-4		
SV3-RCS-SS-E03B2	1	H	SV3-PH01-V1-001/G-7 & F-4		

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

Unit 3

System: RNS

Snubber ID	Pipe Class	Type	Iso. Drawing/Co-ord	Alt/CC	Comments/Notes
SV3-RNS-PH-12Y2060	3	H	SV3-RNS-PLW-091/C-6		

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

Unit 3

System: SGS

Snubber ID	Pipe Class	Type	Iso. Drawing/Co-ord	Alt/CC	Comments/Notes
SV3-SGS-PH-11Y0001	2	H	SV3-SGS-PLW-020/C-7		
SV3-SGS-PH-11Y0002	2	H	SV3-SGS-PLW-020/C-7		
SV3-SGS-PH-11Y0004	2	H	SV3-SGS-PLW-020/C-5		
SV3-SGS-PH-11Y0057	2	H	SV3-SGS-PLW-010/C-4		
SV3-SGS-PH-11Y0058	2	H	SV3-SGS-PLW-010/B-7		
SV3-SGS-PH-11Y0063	2	H	SV3-SGS-PLW-010/B-7		
SV3-SGS-PH-11Y0463-LO	2	H	SV3-SGS-PLW-030/B-6		
SV3-SGS-PH-11Y0463-UP	2	H	SV3-SGS-PLW-030/B-6		
SV3-SGS-PH-11Y0464	2	H	SV3-SGS-PLW-030/A-5		
SV3-SGS-PH-11Y0470	2	H	SV3-SGS-PLW-040/B-6		
SV3-SGS-PH-11Y2002-NW	2	H	SV3-SGS-PLW-030/B/C-6		
SV3-SGS-PH-11Y2002-NE	2	H	SV3-SGS-PLW-030/B/C-6		
SV3-SGS-PH-11Y2021-NW	2	H	SV3-SGS-PLW-030/B-6		
SV3-SGS-PH-11Y2021-SW	2	H	SV3-SGS-PLW-030/B-6		
SV3-SGS-PH-11Y3101	2	H	SV3-SGS-PLW-040/B-5/6		
SV3-SGS-PH-11Y3102	2	H	SV3-SGS-PLW-040/C-6		
SV3-SGS-PH-11Y3121-NW	2	H	SV3-SGS-PLW-040/B-6		
SV3-SGS-PH-11Y3121-NE	2	H	SV3-SGS-PLW-040/B-6		
SV3-SGS-PH-11Y7057	2	H	SV3-SGS-PLW-040/C-6		
SV3-SGS-PH-12Y0108-UP	3	H	SV3-SGS-PLW-140/D-4		
SV3-SGS-PH-12Y0108-DN	3	H	SV3-SGS-PLW-140/D-4		
SV3-SGS-PH-12Y0136-UP	3	H	SV3-SGS-PLW-130/D-4		
SV3-SGS-PH-12Y0136-DN	3	H	SV3-SGS-PLW-130/D-4		
SV3-SGS-PH-12Y0507-UP	2	H	SV3-SGS-PLW-140/C-5		
SV3-SGS-PH-12Y0507-DN	2	H	SV3-SGS-PLW-140/C-5		

System: SGS

Snubber ID	Pipe Class	Type	Iso. Drawing/Co-ord	Alt/CC	Comments/Notes
SV3-SGS-PH-12Y0510-UP	2	H	SV3-SGS-PLW-130/C-5		
SV3-SGS-PH-12Y0510-DN	2	H	SV3-SGS-PLW-130/C-5		
SV3-SGS-PH-12Y7056	2	H	SV3-SGS-PLW-130/B-6		
SV3-SGS-PH-12Y7058	2	H	SV3-SGS-PLW-140/B-6		

12.0 VEGP-4 DYNAMIC RESTRAINTS TABLES

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

Unit 4

System: CVS

Snubber ID	Pipe Class	Type	Iso. Drawing/Co-ord	Alt/CC	Comments/Notes
SV4-CVS-PH-11Y0262-1	3	H	SV4-CVS-PLW-171/D-4		
SV4-CVS-PH-11Y0262-2	3	H	SV4-CVS-PLW-171/D-4		
SV4-CVS-PH-11Y0268	1	H	SV4-CVS-PLW-188/C-4		
SV4-CVS-PH-11Y2040	1	H	SV4-CVS-PLW-171/C-5		
SV4-CVS-PH-11Y2223	1	H	SV4-CVS-PLW-171/C-5		
SV4-CVS-PH-11Y2224	1	H	SV4-CVS-PLW-171/C-4		
SV4-CVS-PH-11Y2227	3	H	SV4-CVS-PLW-171/C-3		
SV4-CVS-PH-11Y2229	1	H	SV4-CVS-PLW-182/C-6		
SV4-CVS-PH-11Y2263	N	H	SV4-CVS-PLW-091/C-4		
SV4-CVS-PH-11Y2265	N	H	SV4-CVS-PLW-091/B-6	.	
SV4-CVS-PH-11Y2266	N	H	SV4-CVS-PLW-091/B-6		
SV4-CVS-PH-11Y7074	3	H	SV4-CVS-PLW-187/B-5		

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

Unit 4

System: PXS

Snubber ID	Pipe Class	Type	Iso. Drawing/Co-ord	Alt/CC	Comments/Notes
SV4-PXS-PH-11Y0020	1	H	SV4-PXS-PLW-01Q/C-5		
SV4-PXS-PH-11Y0578	3	H	SV4-PXS-PLW-01Z/C-5		
SV4-PXS-PH-11Y2052	3	H	SV4-PXS-PLW-02E/C-5/6		
SV4-PXS-PH-11Y2057	3	H	SV4-PXS-PLW-015/C-5		
SV4-PXS-PH-11Y2059	3	H	SV4-PXS-PLW-01H/B-6		

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

Unit 4

System: RCS

Snubber ID	Pipe Class	Type	Iso. Drawing/Co-ord	Alt/CC	Comments/Notes
SV4-RCS-PH-11Y0039	1	H	SV4-RCS-PLW-023/B-5		
SV4-RCS-PH-11Y0060-NE	1	H	SV4-RCS-PLW-023/C-6		
SV4-RCS-PH-11Y0060-NW	1	H	SV4-RCS-PLW-023/C-6		
SV4-RCS-PH-11Y0067	1	H	SV4-RCS-PLW-01L/D-4		
SV4-RCS-PH-11Y0081-1	1	H	SV4-CVS-PLW-188/D-6		
SV4-RCS-PH-11Y0081-2	1	H	SV4-CVS-PLW-188/D-6		
SV4-RCS-PH-11Y0082	1	H	SV4-RCS-PLW-028/C-5		
SV4-RCS-PH-11Y0090	1	H	SV4-PXS-PLW-050/C-3		
SV4-RCS-PH-11Y0103	1	H	SV4-RCS-PLW-043/C-4		
SV4-RCS-PH-11Y0112	1	H	SV4-RCS-PLW-016/B-5		
SV4-RCS-PH-11Y0388	1	H	SV4-RCS-PLW-030/D-3		
SV4-RCS-PH-11Y0391	1	H	SV4-RCS-PLW-03D/D-3		
SV4-RCS-PH-11Y0528	1	H	SV4-RCS-PLW-01K/D-6		
SV4-RCS-PH-11Y0810	1	H	SV4-RCS-PLW-080/B-5		
SV4-RCS-PH-11Y0811	1	H	SV4-RCS-PLW-080/B-4		
SV4-RCS-PH-11Y0813	1	H	SV4-RCS-PLW-070/B-4		
SV4-RCS-PH-11Y1127	1	H	SV4-RCS-PLW-021/C-5		
SV4-RCS-PH-11Y1130	1	H	SV4-RCS-PLW-024/C-4		
SV4-RCS-PH-11Y1132	1	H	SV4-RCS-PLW-023/B-5		
SV4-RCS-PH-11Y1134	1	H	SV4-RCS-PLW-023/B-6		
SV4-RCS-PH-11Y1140	1	H	SV4-RCS-PLW-029/B-6		
SV4-RCS-PH-11Y1141	1	H	SV4-RCS-PLW-023/C-6		
SV4-RCS-PH-11Y1144	1	H	SV4-CVS-PLW-182/B-4		
SV4-RCS-PH-11Y2005	1	H	SV4-RCS-PLW-015/C-5		
SV4-RCS-PH-11Y2101	1	H	SV4-RCS-PLW-01F/B-5		

System: RCS

Snubber ID	Pipe Class	Type	Iso. Drawing/Co-ord	Alt/CC	Comments/Notes
SV4-RCS-PH-11Y2106	1	H	SV4-RCS-PLW-03B/D-3		
SV4-RCS-PH-11Y2107	1	H	SV4-RCS-PLW-03A/D-3		
SV4-RCS-PH-11Y2264	1	H	SV4-RCS-PLW-028/B-6		
SV4-RCS-SS-E03A1	1	H	SV4-PH01-V1-001/G-7 & F-4		
SV4-RCS-SS-E03A2	1	H	SV4-PH01-V1-001/G-7 & F-4		
SV4-RCS-SS-E03B1	1	H	SV4-PH01-V1-001/G-7 & F-4		
SV4-RCS-SS-E03B2	1	H	SV4-PH01-V1-001/G-7 & F-4		

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

Unit 4

System: RNS

Snubber ID	Pipe Class	Type	Iso. Drawing/Co-ord	Alt/CC	Comments/Notes
SV4-RNS-PH-12Y2060	3	H	SV4-RNS-PLW-091/C-6		

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

Unit 4

System: SGS

Snubber ID	Pipe Class	Type	Iso. Drawing/Co-ord	Alt/CC	Comments/Notes
SV4-SGS-PH-11Y0001	2	H	SV4-SGS-PLW-020/C-7		
SV4-SGS-PH-11Y0002	2	H	SV4-SGS-PLW-020/C-7		
SV4-SGS-PH-11Y0004	2	H	SV4-SGS-PLW-020/C-5		
SV4-SGS-PH-11Y0057	2	H	SV4-SGS-PLW-010/C-4		
SV4-SGS-PH-11Y0058	2	H	SV4-SGS-PLW-010/B-7		
SV4-SGS-PH-11Y0063	2	H	SV4-SGS-PLW-010/B-7		
SV4-SGS-PH-11Y0463-LO	2	H	SV4-SGS-PLW-030/B-6		
SV4-SGS-PH-11Y0463-UP	2	H	SV4-SGS-PLW-030/B-6		
SV4-SGS-PH-11Y0464	2	H	SV4-SGS-PLW-030/A-5		
SV4-SGS-PH-11Y0470	2	H	SV4-SGS-PLW-040/B-6		
SV4-SGS-PH-11Y2002-NW	2	H	SV4-SGS-PLW-030/B/C-6		
SV4-SGS-PH-11Y2002-NE	2	H	SV4-SGS-PLW-030/B/C-6		
SV4-SGS-PH-11Y2021-NW	2	H	SV4-SGS-PLW-030/B-6		
SV4-SGS-PH-11Y2021-SW	2	H	SV4-SGS-PLW-030/B-6		
SV4-SGS-PH-11Y3101	2	H	SV4-SGS-PLW-040/B-5/6		
SV4-SGS-PH-11Y3102	2	H	SV4-SGS-PLW-040/C-6		
SV4-SGS-PH-11Y3121-NW	2	H	SV4-SGS-PLW-040/B-6		
SV4-SGS-PH-11Y3121-NE	2	H	SV4-SGS-PLW-040/B-6		
SV4-SGS-PH-11Y7057	2	H	SV4-SGS-PLW-040/C-6		
SV4-SGS-PH-12Y0108-UP	3	H	SV4-SGS-PLW-140/D-4		
SV4-SGS-PH-12Y0108-DN	3	H	SV4-SGS-PLW-140/D-4		
SV4-SGS-PH-12Y0136-UP	3	H	SV4-SGS-PLW-130/D-4		
SV4-SGS-PH-12Y0136-DN	3	H	SV4-SGS-PLW-130/D-4		
SV4-SGS-PH-12Y0507-UP	2	H	SV4-SGS-PLW-140/C-5		
SV4-SGS-PH-12Y0507-DN	2	H	SV4-SGS-PLW-140/C-5		

System: SGS

Snubber ID	Pipe Class	Type	Iso. Drawing/Co-ord	Alt/CC	Comments/Notes
SV4-SGS-PH-12Y0510-UP	2	H	SV4-SGS-PLW-130/C-5		
SV4-SGS-PH-12Y0510-DN	2	H	SV4-SGS-PLW-130/C-5		
SV4-SGS-PH-12Y7056	2	H	SV4-SGS-PLW-130/B-6		
SV4-SGS-PH-12Y7058	2	H	SV4-SGS-PLW-140/B-6		

13.0 REFERENCE LIST

13.1 General References

13.1.1 ASME Operation and Maintenance of Nuclear Power Plants Code, 2012 Edition (ASME OM-2012)

13.1.2 Vogtle 3&4 Updated Final Safety Analysis Report, Revision 7.0

13.1.3 Appendix A, Vogtle Electric Generating Plant, Units 3 and 4 Technical Specifications, Amendment 72 (Unit 3), Amendment 71 (Unit 4).

13.1.4 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]

13.1.5 Corrective Action Request 50001849

13.1.6 Letter from Peter C. Hearn (NRC) to Brian H. Whitley (SNC), Subject: "VOGTLE ELECTRIC GENERATING PLANT UNITS 3 AND 4 — REQUEST FOR ALTERNATIVE: ALTERNATIVE REQUIREMENT FOR PRESERVICE TESTING OF EXPLOSIVELY ACTIVATED VALVES (VEGP 3 & 4-PST-ALT-01) (EPID NO. L-2018-LLA-0498)", dated 3/26/2019

13.1.7 Letter from Peter C. Hearn (NRC) to Brian H. Whitley (SNC), Subject: "VOGTLE ELECTRIC GENERATING PLANT UNITS 3 AND 4 — REQUEST FOR ALTERNATIVE: ALTERNATIVE REQUIREMENT FOR PRESERVICE TESTING OF CLASS 1 SAFETY VALVES (VEGP 3 & 4-PST-ALT-02) (EPID L-2019-LLR-0025)", dated 5/28/2019

13.2 System Specification Documents

13.2.1 SV3-CAS-M3-001, AP1000 Compressed and Instrument Air System (CAS) - System Specification Document, Revision 0 [APP-CAS-M3-001, Rev. 2]

13.2.2 APP-CCS-M3-001, AP1000 Component Cooling Water-System Description Document, Revision 4

13.2.3 APP-CVS-M3-001, AP1000 Chemical and Volume Control System (CVS) System Specification Document, Revision 7

13.2.4 APP-DWS-M3-001, Demineralized Water Transfer and Storage System (DWS), System Specification Document, Revision 0

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13.2.6 APP-FPS-M3-001, AP1000 Fire Protection System - System Specification Document, Revision E

13.2.7 APP-MSS-M3-001, AP1000 Main Steam System Specification Document, Revision 3

13.2.8 APP-MTS-M3-001, AP1000 Main Turbine System - System Specification Document, Revision 4

13.2.9 APP-PCS-M3-001, Passive Containment Cooling System - System Specification Document, Revision 7

13.2.10 APP-PSS-M3-001, AP1000 Primary Sampling System - System Specification Document, Revision 5

13.2.11 APP-PWS-M3-001, AP1000 Potable Water System (PWS) - System Specification Document, Revision 1

13.2.12 APP-PXS-M3-001, Passive Core Cooling System, System Specification Document, Revision 10

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