

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

April 17, 2009

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555

Serial No. 09-115
NL&OS/ETS R0
Docket No. 50-339
License No. NPF-7

VIRGINIA ELECTRIC AND POWER COMPANY (DOMINION)
NORTH ANNA POWER STATION UNIT 2
USE OF ALTERNATIVE CLASS 1 PRESSURE TEST REQUIREMENTS
RELIEF REQUEST SPT-014


Pursuant to 10 CFR 50.55a(a)(3)(ii), Dominion requests approval to use an alternative to the system hydrostatic pressure test requirements of the American Society of Mechanical Engineers (ASME) Code, Section XI, 1995 Edition with 1996 Addenda, Examination Category B-P, for segments of Class 1 Reactor Coolant Pressure Boundary (RCPB) piping on North Anna Unit 2. The requested alternative will be a visual examination of a segment of the Auxiliary Spray Piping during the Class 1 system pressure test with the valves in the normal position. Relief Request SPT-014 is included in the attachment to this letter.

Dominion requests the use of ASME Code Section XI, Table IWB-2500-1 and IWB 5221 System Leakage Test as an alternative to the hydrostatic test requirements for this piping segment. A visual examination (VT-2) will be performed at nominal operating pressure associated with 100% reactor power after satisfying the ASME Code required hold time. The request for the use of the alternative to the hydrostatic test requirements is pursuant to provisions of 10 CFR 50.55a(a)(3)(ii), in that performing the hydrostatic test creates a hardship without a compensatory increase in the level of quality and safety.

The hydrostatic pressure test requirements associated with the end of the third Inservice Inspection Interval will be performed during the North Anna Unit 2 spring 2010 refueling outage. Consequently, the approval of Relief Request SPT-014 is requested by December 31, 2009 to support the performance of the alternative system hydrostatic pressure test requirements.

If you should have any questions regarding this submittal, please contact Mr. Thomas Shaub at (804) 273-2763.

Sincerely,



J. Alan Price
Vice President – Nuclear Engineering

Attachment: Relief Request SPT-014

Commitments made in this letter: None

cc: U.S. Nuclear Regulatory Commission
Region II
Sam Nunn Atlanta Federal Center
61 Forsyth Street, SW
Suite 23T85
Atlanta, Georgia 30303

Mr. J. E. Reasor, Jr.
Old Dominion Electric Cooperative
Innsbrook Corporate Center
4201 Dominion Blvd.
Suite 300
Glen Allen, Virginia 23060

NRC Senior Resident Inspector
North Anna Power Station

Ms. D. N. Wright
NRC Project Manager
U. S. Nuclear Regulatory Commission
One White Flint North
Mail Stop O-8 H4A
11555 Rockville Pike
Rockville, Maryland 20852

Mr. J. F. Stang, Jr.
NRC Project Manager
U. S. Nuclear Regulatory Commission
One White Flint North
Mail Stop O-8 G9A
11555 Rockville Pike
Rockville, Maryland 20852

USE OF ALTERNATIVE CLASS 1 PRESSURE TEST REQUIREMENTS
ALTERNATIVE REQUEST SPT-014

VIRGINIA ELECTRIC AND POWER COMPANY (DOMINION)
NORTH ANNA POWER STATION UNIT 2

**10 CFR 50.55a Request Number SPT-014
Alternative Auxiliary Spray Pressure Test Requirements**

**Proposed Alternative in Accordance with 10 CFR 50.55a(a)(3)(ii) Hardship or Unusual
Difficulty without Compensating Increase in Level of Quality or Safety**

1.0 ASME CODE COMPONENTS AFFECTED

The Code component associated with this request is the Class 1 NPS 2" Auxiliary Spray Piping, which is part of the Reactor Coolant Pressure Boundary (RCPB) that requires a system hydrostatic pressure test once each 10-year inspection interval.

1.1 Category and System Details:

Code Class:	Class 1
System:	Chemical and Volume Control System
Examination Category:	B-P
Item Number:	B15.50 and B15.70

1.2 Component Descriptions:

NPS 2" Auxiliary Spray Piping
Segment Boundary (valve-to-valve) from 2-CH-HCV-2311 to 2-CH-341
Approximate length - 100 feet

2.0 APPLICABLE CODE EDITION AND ADDENDA

North Anna Power Station Unit 2 is currently in the third 10-year ISI Interval which began on December 14, 2001. The Unit 2 ASME Boiler and Pressure Vessel Code (ASME Code) of record for the current interval is the 1995 Edition with 1996 Addenda.

3.0 APPLICABLE CODE REQUIREMENTS

All Class 1 RCPB components including the subject pipe segment are required to be pressure tested in accordance with Table IWB-2500-1, Examination Category B-P. A VT-2 visual examination of the auxiliary spray piping is also required in accordance with Table IWB-2500-1, Category B-P, Items B15.50 and B15.70, Note 2 IWB-5222(b). The Code requires that all Class 1 components within the system pressure boundary be pressurized at or near the end of each inspection interval.

10 CFR 50.55a Request Number SPT-014
Alternative Auxiliary Spray Pressure Test Requirements

4.0 REASON FOR REQUEST

Pressurizer pressure is maintained via normal pressurizer spray, which uses the Reactor Coolant Pumps (RCP). Normal pressurizer spray is controlled by the pressurizer Pressure Control System which automatically controls the pressurizer environment. The primary purpose of the auxiliary spray line is for pressure control when the RCPs are not running (i.e., during a post accident condition when it is desired to decrease Reactor Coolant System (RCS) pressure). Operation of the auxiliary spray line at hot standby or power would lead to an unnecessary plant transient. To meet Code requirements the normally closed upstream isolation valve 2-CH-HCV-2311 must be opened to pressurize the subject pipe segment. Water in this line is supplied from the Charging System which operates at a pressure slightly greater than the RCS normal operating pressure. Therefore, opening of valve 2-CH-HCV-2311 at hot standby or power would increase pressurizer spray flow which will cause an adverse reduction in RCS pressure. In addition, this piping segment is at containment ambient temperature and with the RCS at normal operating temperature, this test would create a thermal shock transient in the spray piping and spray nozzle.

5.0 PROPOSED ALTERNATIVES AND BASIS FOR USE

The RCPB pipe segment described in this request is a portion of the auxiliary pressurizer spray line, which is not normally pressurized. This request proposes to perform an ASME Code Section XI, Table IWB-2500-1 and IWB-5221 system leakage test with the isolation valve 2-CH-HCV-2311 in the normally closed position as an alternative to the hydrostatic test requirements for this piping segment. This examination will be performed at nominal operating pressure associated with 100% reactor power after satisfying the ASME Code required hold time.

Testing of this piping segment at full RCS operating pressure does not provide a compensating increase in the level of quality or safety for the following reasons:

1. The design pressure rating of this piping segment is the same as the RCPB; however, the operating pressure of the piping segment is well below the normal RCS operating pressure.
2. This segment is isolated from the RCS pressure under normal operating conditions.
3. This segment is subject to ASME Code required VT-2 visual examination. This examination is performed with the segment isolated from the RCS and the RCS at its normal operating pressure and temperature. This examination is performed each refueling

10 CFR 50.55a Request Number SPT-014
Alternative Auxiliary Spray Pressure Test Requirements

outage and is sufficient to identify any structural defects that could potentially challenge the integrity of the segment during normal operation.

Virginia Electric and Power Company (Dominion) has determined that compliance with the hydrostatic test requirements for this piping segment for North Anna Power Station Unit 2 results in an unnecessary hardship and adverse impact to plant equipment without a sufficient compensating increase in the level of quality and safety. Therefore, Dominion requests approval of this alternative pursuant to the provisions of 10 CFR 50.55a(a)(3)(ii).

6.0 DURATION OF PROPOSED ALTERNATIVE

The proposed alternative to the ASME Code is applicable for the remainder of the third 10-year Inservice Inspection (ISI) Interval at NAPS Unit 2. This alternative will be used during the system leakage test conducted at or near the end of the third inspection interval.

7.0 PRECEDENTS

Similar alternatives to the hydrostatic test requirements of ASME Code Section XI have been approved for Indian Point Units 2 and 3 and Kewaunee Power Station. The differences in the Code requirements taken to establish the basis for the approval of this request result in the same approved objective of not pressurizing test portions of the Class 1 RCPB to full RCS pressure when a thermal transient would occur. The safety evaluations for the precedents cited are below.

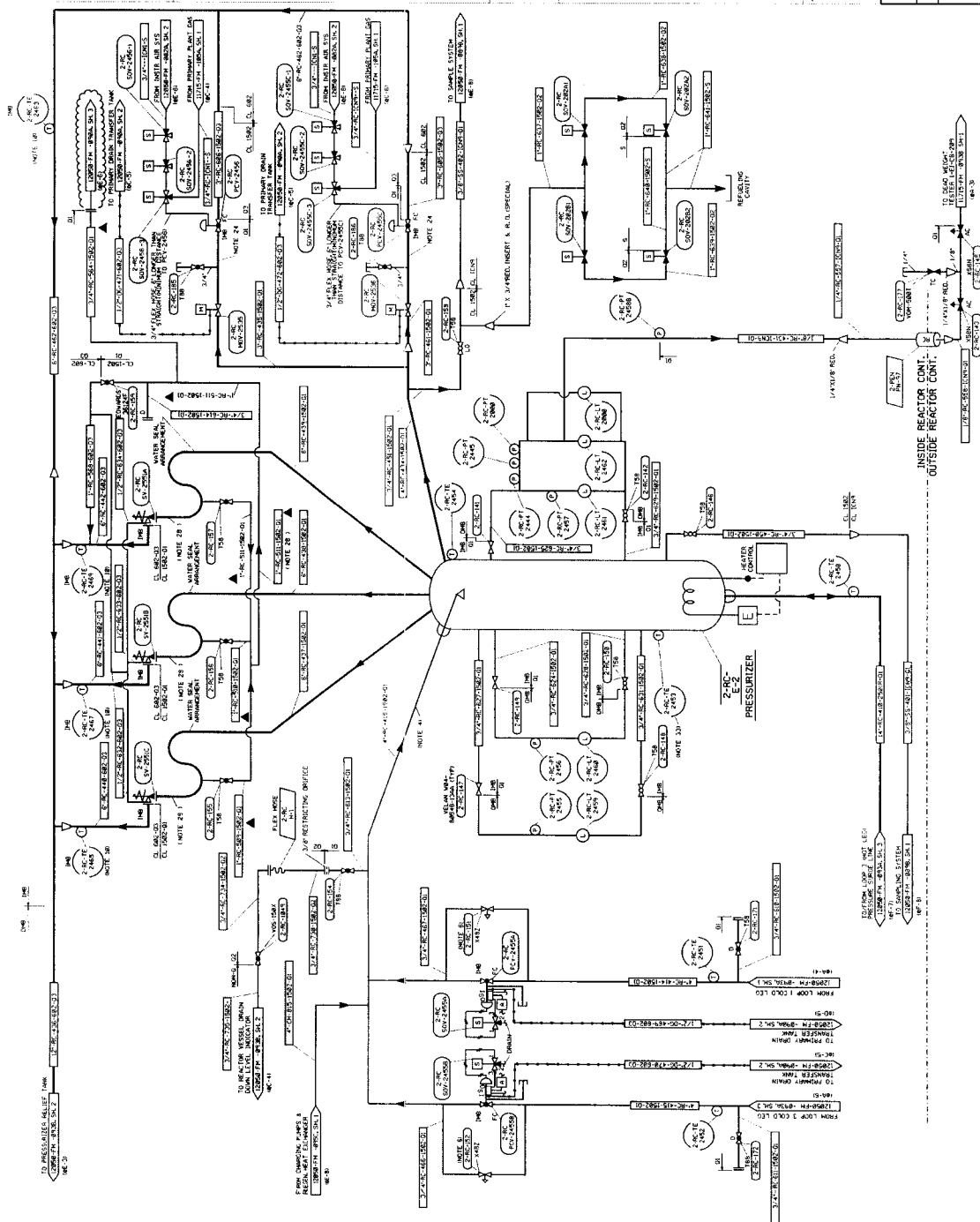
1. Indian Point Generating Units 2 and 3, dated December 7, 2005 (ADAMS Accession No. ML053110525).
2. Kewaunee Power Station, dated February 18, 2005 (ADAMS Accession No. ML050350225).

8.0 REFERENCES

1. 1995 Edition, ASME Code, Section XI, with the 1996 Addenda.

9.0 ATTACHMENTS

1. Flow/Valve Operating Numbers Diagrams
12050-FM-095C, Sheet 1
12050-FM-093B, Sheet 1


[illegible]

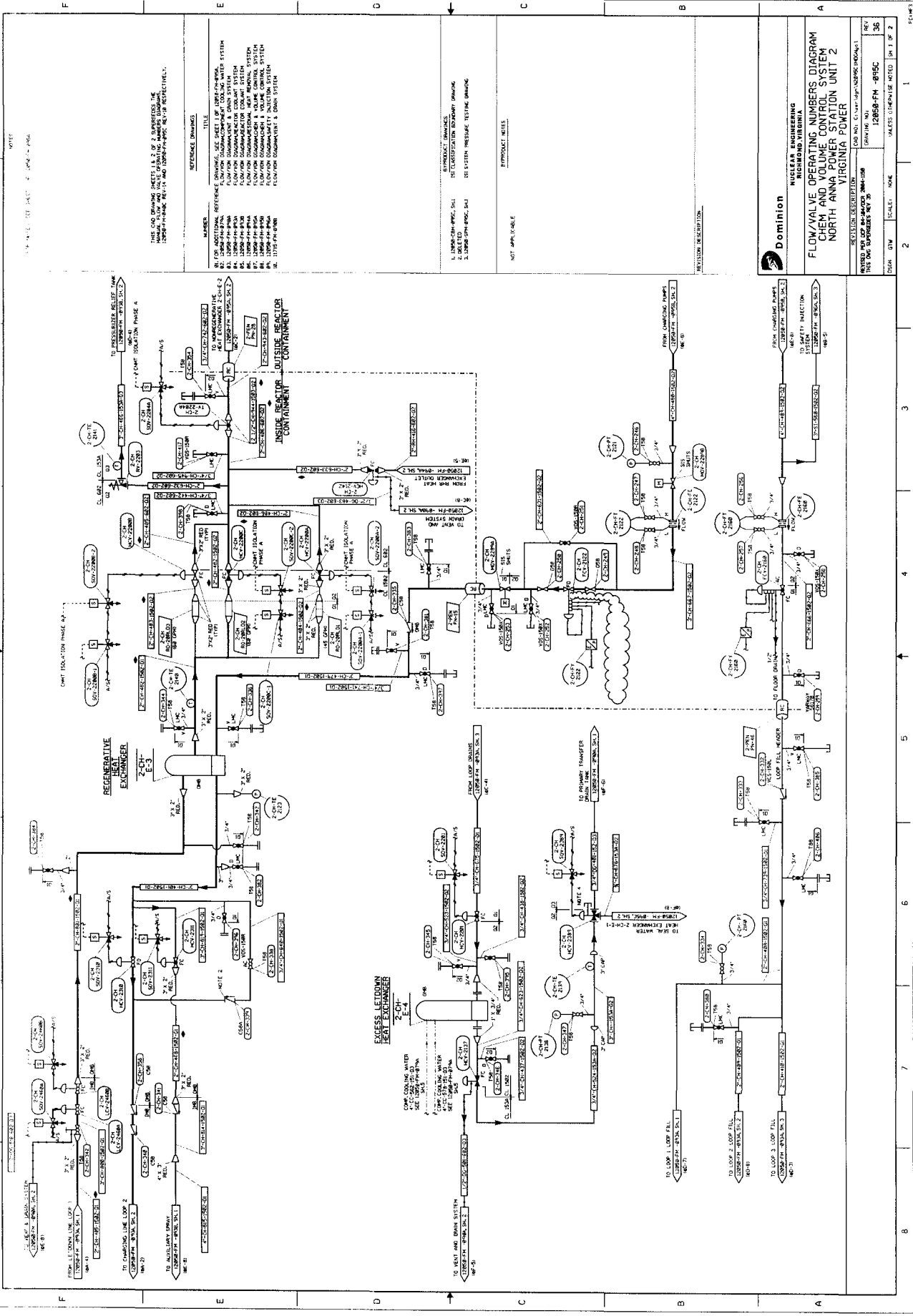
BYPRODUCT DRAWINGS

1. LICENSE-CRM-87038	SHL 1	ISI CLASSIFICATION	BOUNDARY DRAWING
2. 12058-SPM-87038	SHL 1	ISI SYSTEM	PRESSURE TESTING DRAWING
3. 12058-LRM-87038	SHL 1	LICENSE REVIEW	DRAWING
4. 12058-DAM-87038	SHL 1	APPENDIX R	FILEPATH DRAWING

BYPRODUCT NOTES

2000年12月29日 星期三 晴

	NUCLEAR ENGINEERING RICHMOND, VIRGINIA		REV	34
	FLOW/VALVE OPERATING SYSTEM DIAGRAM REACTOR COOLANT SYSTEM NORTH ANNA POWER STATION UNIT 2 VIRGINIA POWER		12/20/76-PM	49-038
001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 023 024 025 026 027 028 029 030 031 032 033 034 035 036 037 038 039 040 041 042 043 044 045 046 047 048 049 050 051 052 053 054 055 056 057 058 059 060 061 062 063 064 065 066 067 068 069 070 071 072 073 074 075 076 077 078 079 080 081 082 083 084 085 086 087 088 089 090 091 092 093 094 095 096 097 098 099 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 				



NOTES:
1. THIS AND DRAWING SHEET 1.1.2 OF 2 SUPERSEDES THE
PREVIOUS EDITIONS OF THIS DRAWING.
2. THIS DRAWING IS THE PROPERTY OF DOMINION ENERGY, INC.
3. NO PART OF THIS DRAWING IS TO BE REPRODUCED OR
TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC
OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING,
OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.

NUMBER	TITLE
1.1.1	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.
1.1.2	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.
1.1.3	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.
1.1.4	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.
1.1.5	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.
1.1.6	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.
1.1.7	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.
1.1.8	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.
1.1.9	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.
1.1.10	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.

REVISION	DESCRIPTION
1.1.1	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.
1.1.2	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.
1.1.3	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.
1.1.4	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.
1.1.5	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.
1.1.6	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.
1.1.7	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.
1.1.8	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.
1.1.9	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.
1.1.10	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.

NOT APPLICABLE

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS



NUCLEAR ENGINEERING
RICHMOND, VIRGINIA

FLOW/VALVE OPERATING NUMBERS DIAGRAM CHEM AND VOLUME CONTROL SYSTEM NORTH ANNA POWER STATION UNIT 2 VIRGINIA POWER

REVISION	DESCRIPTION	DATE	BY	CHKD BY
1.1.1	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.			
1.1.2	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.			
1.1.3	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.			
1.1.4	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.			
1.1.5	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.			
1.1.6	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.			
1.1.7	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.			
1.1.8	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.			
1.1.9	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.			
1.1.10	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.			

SCALE: NONE

UNLESS OTHERWISE NOTED, IN 1 OF 2

REV 38

1200-PM-0000

1200-PM-0000

1200-PM-0000

1200-PM-0000

NOTES:
1. THIS AND DRAWING SHEET 1.1.2 OF 2 SUPERSEDES THE
PREVIOUS EDITIONS OF THIS DRAWING.
2. THIS DRAWING IS THE PROPERTY OF DOMINION ENERGY, INC.
3. NO PART OF THIS DRAWING IS TO BE REPRODUCED OR
TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC
OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING,
OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.

NUMBER	TITLE
1.1.1	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.
1.1.2	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.
1.1.3	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.
1.1.4	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.
1.1.5	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.
1.1.6	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.
1.1.7	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.
1.1.8	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.
1.1.9	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.
1.1.10	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.

REVISION	DESCRIPTION
1.1.1	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.
1.1.2	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.
1.1.3	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.
1.1.4	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.
1.1.5	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.
1.1.6	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.
1.1.7	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.
1.1.8	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.
1.1.9	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.
1.1.10	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.

NOT APPLICABLE

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS



NUCLEAR ENGINEERING
RICHMOND, VIRGINIA

FLOW/VALVE OPERATING NUMBERS DIAGRAM CHEM AND VOLUME CONTROL SYSTEM NORTH ANNA POWER STATION UNIT 2 VIRGINIA POWER

REVISION	DESCRIPTION	DATE	BY	CHKD BY
1.1.1	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.			
1.1.2	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.			
1.1.3	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.			
1.1.4	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.			
1.1.5	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.			
1.1.6	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.			
1.1.7	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.			
1.1.8	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.			
1.1.9	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.			
1.1.10	FOR ADDITIONAL INFORMATION, SEE SHEET 1.1.2 OF 2 SUPERSEDES THE PREVIOUS EDITIONS OF THIS DRAWING.			

SCALE: NONE

UNLESS OTHERWISE NOTED, IN 1 OF 2

REV 38

1200-PM-0000

1200-PM-0000

1200-PM-0000

1200-PM-0000