

Eugene S. Grecheck Vice President Nuclear Development

Dominion Energy, Inc. • Dominion Generation Innsbrook Technical Center 5000 Dominion Boulevard, Glen Allen, VA 23060 Phone: 804-273-2442, Fax: 804-273-3903 E-mail: Eugene.Grecheck@dom.com

U. S. Nuclear Regulatory Commission Attention: Document Control Desk Washington, D.C. 20555 January 29, 2008

NA3-08-008 Docket No. 52-017 COL/JPH

DOMINION VIRGINIA POWER
NORTH ANNA UNIT 3 COMBINED LICENSE APPLICATION
VIRGINIA DEPARTMENT OF HEALTH (VDH) EMERGENCY RESPONSE PLAN
CROSS-REFERENCE MATRIX TO NUREG-0654/FEMA-REP-1

On November 27, 2007, Dominion Virginia Power (Dominion) tendered the North Anna Unit 3 COL application (COLA), dated November 26, 2007, to the NRC for review and acceptance. The COLA was accepted by the NRC on January 28, 2008 and assigned docket number 52-017.

The Federal Emergency Management Agency participated with the NRC in the review and acceptance process. As a result of that review, NRC requested that Dominion submit a cross-reference matrix for the Virginia Department of Health (VDH) Emergency Response Plan to NUREG-0654/FEMA-REP-1, Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants.

The referenced VDH Emergency Response Plan was forwarded to the NRC Project Manager on January 17, 2008. The VDH Emergency Response Plan cross-reference matrix to NUREG-0654/FEMA-REP-1 is provided as an enclosure to this letter.

No revision to the COLA is required as a result of providing this reference information.

Please contact Gina Borsh at (804) 273-2247 if you have any questions.

Very truly yours,

Eugene S. Grecheck

Enclosure: As stated

Commitments made in this letter: None

cc U. S. Nuclear Regulatory Commission, Region II

T. A. Kevern, NRC

J. T. Reece, NRC

Enclosure

VDH Emergency Response Plan Cross-Reference Matrix to NUREG-0654/FEMA-REP-1

Cross-Reference Commonwealth of Virginia Department of Health (VDH) Division of Radiological Health and Safety Regulations (DRH) Emergency Response Plan to NUREG-0654/FEMA-REP-1 Evaluation Criteria

- Provision of a cross-reference in this table does not indicate that the applicable NUREG-0654/FEMA-REP-1 criterion is fully satisfied by the corresponding section of the VDH/DRH Emergency Response Plan. The criteria in NUREG-0654/FEMA-REP-1 are addressed primarily by the Virginia Emergency Operations Plan--Radiological Emergency Response Basic Plan and the plans of other risk jurisdictions, not the VDH/DRH plan. Due to the limited scope of the VDH/DRH Emergency Response Plan, a cross-reference in the table below indicates only that the applicable criterion is addressed to some extent by the Plan.
- Shading in the second column indicates that, per NUREG-0654/FEMA-REP-1, the criterion is not applicable to State plans.

NUREG-0654/FEMA-REP-1 Evaluation Criterion	Corresponding VDH/DRH Emergency Response Plan Section
A.1.a	Sec. 7.0
. A.1.b	Sec. 8.0
A.1.c	N/A
A.1.d	Sec. 9.0
A.1.e	Sec. 8.1.3
A.2.a	Sec. 10.0 App. 2, Sec. 3.0
A.2.b	Sec. 1.1
A.3	N/A
A.4	N/A
B.1	
B.2	
B.3	
B.4	
B.5	
B.6	
B.7	
B.7.a	
B.7.b	
B.7.c	
B.7.d	
B.8	
B.9	
C.1.a	App. 1, Sec. 2.8 App. 2, Sec. 3.2.1
C.1.b	N/A

NUREG-0654/FEMA-REP-1 Evaluation Criterion	Corresponding VDH/DRH Emergency Response Plan Section
C.1.c	App. 1, Secs. 2.8, 2.14
C.2.a	App. 2, Sec. 3.2.3
C.2.b	
C.3	N/A
C.4.	N/A
D.1	
D.2	
D.3	App. 4, Att. 1
D.4	App. 3, Sec. 2.0
D.4	App. 4, Att. 1
E.1	App. 3, Sec. 2.0
E.2	App. 3, Sec. 2.0
E.3	
E.4	
E.4.a	
E.4.b	
E.4.c	
E.4.d	
E.4.e	
E.4.f	
E.4.g	
E.4.h	
E.4.i	
E.4.j	
E.4.k	
E.4.I	
E.4.m	
E.4.n	
E.5	N/A
E.6	N/A
E.7	App. 8
F.1.a	App. 3, Sec. 2.0
F.1.b	App. 9, Secs. 2.1, 2.2
F.1.c	N/A
F.1.d	App. 9, Secs. 2.1, 2.2
F.1.e	App. 3, Sec. 2.0
F.1.f	
F.2	App. 9, Sec. 2.1

F.3 N/A G.1 N/A G.1 N/A G.2 N/A G.2 N/A G.3.a App. 2, Sec. 3.2.1 App. 8, Sec. 2.2 G.3.b App. 2, Sec. 3.2.1 App. 8, Sec. 2.2 G.4.a App. 2, Sec. 3.2.1 App. 8, Sec. 2.2 G.4.b App. 2, Sec. 3.2.1 App. 8, Sec. 2.2 G.4.c N/A G.5 N/A H.1 H.2 H.3 N/A H.4 N/A H.5 H.5.a H.5.b H.5.c H.5.d H.6.a H.6.b H.6.c H.7 N/A H.8 H.9 H.10 N/A H.11 N/A H.11 N/A H.12 N/A H.13 N/A H.14 N/A H.15 N/A H.16 N/A H.17 N/A H.18 N/A H.19 N/A H.10 N/A H.11 N/A H.11 N/A H.12 N/A H.13 N/A H.14 N/A H.15 N/A H.15 N/A H.16 N/A H.17 N/A	NUREG-0654/FEMA-REP-1 Evaluation Criterion	Corresponding VDH/DRH Emergency Response Plan Section
G.2 N/A App. 2, Sec. 3.2.1 App. 8, Sec. 2.2 G.3.b G.4.a App. 2, Sec. 3.2.1 App. 8, Sec. 2.2 G.4.b App. 2, Sec. 3.2.1 App. 8, Sec. 2.2 G.4.c App. 2, Sec. 3.2.1 App. 8, Sec. 2.2 G.5 N/A H.1 H.2 H.3 N/A H.4 N/A H.5 H.5.a H.5.b H.5.c H.5.d H.6.a H.6.b H.6.c H.7 N/A H.8 H.9 H.10 N/A H.11 N/A H.12 N/A H.11 N/A H.12 N/A H.11 N/A H.12 N/A H.11 N/A H.11 N/A H.12 N/A H.11 N/A H.11 N/A H.12 N/A H.11 N/A H.12 N/A H.11 N/A H.12 N/A H.14 N/A H.15 N/A H.16 N/A H.17 N/A H.18 N/A H.19 N/A H.11 N/A H.11 N/A H.11 N/A H.11 N/A H.12 N/A H.11 N/A H.11 N/A H.11 N/A H.11 N/A H.12 N/A	F.3	N/A
G.3.a App. 2, Sec. 3.2.1 App. 8, Sec. 2.2 G.3.b App. 2, Sec. 3.2.1 App. 8, Sec. 2.2 G.4.a App. 2, Sec. 3.2.1 App. 8, Sec. 2.2 G.4.b App. 2, Sec. 3.2.1 App. 8, Sec. 2.2 G.4.c N/A G.5 N/A H.1 H.2 H.3 N/A H.4 N/A H.5 H.5.a H.5.b H.5.c H.5.d H.6.a H.6.b H.6.c H.7 N/A H.8 H.9 H.10 N/A H.11 N/A H.11 N/A H.12 N/A H.13 N/A H.14 N/A H.15 N/A H.16 N/A H.17 N/A H.18 N/A H.19 N/A H.10 N/A H.11 N/A H.11 N/A H.11 N/A H.12 N/A	G.1	N/A
G.3.a App. 8, Sec. 2.2 G.3.b App. 2, Sec. 3.2.1 App. 8, Sec. 2.2 G.4.b App. 2, Sec. 3.2.1 App. 8, Sec. 2.2 G.4.c N/A G.5 N/A H.1 H.2 H.3 N/A H.4 N/A H.5 H.5.a H.5.b H.5.c H.5.d H.6.a H.6.b H.6.c H.7 N/A H.8 H.9 H.10 N/A H.11 N/A H.12 N/A H.13 N/A H.14 N/A H.15 N/A H.16 N/A H.17 N/A H.18 N/A H.19 N/A H.11 N/A H.11 N/A H.11 N/A H.12 N/A H.14 N/A H.15 N/A	G.2	N/A
App. 8, Sec. 2.2 G.3.b G.4.a App. 2, Sec. 3.2.1 App. 8, Sec. 2.2 App. 2, Sec. 3.2.1 App. 8, Sec. 2.2 App. 8, Sec. 2.2 G.4.c N/A G.5 N/A H.1 H.2 H.3 N/A H.4 N/A H.5 H.5.a H.5.b H.5.c H.5.d H.6.a H.6.b H.6.c H.7 N/A H.8 H.9 H.10 N/A H.11 N/A H.12 N/A H.11 N/A H.12 N/A H.11 N/A H.12 N/A H.11 N/A H.12 N/A	0.0	App. 2, Sec. 3.2.1
G,4.a App. 2, Sec. 3.2.1 App. 8, Sec. 2.2 App. 2, Sec. 3.2.1 App. 8, Sec. 2.2 App. 2, Sec. 3.2.1 App. 8, Sec. 2.2 G.4.c N/A G.5 N/A H.1 H.2 H.3 N/A H.4 N/A H.5 H.5.a H.5.b H.5.c H.6.a H.6.b H.6.c H.7 N/A H.8 H.9 H.10 N/A H.11 N/A H.11 N/A H.12 N/A H.11 N/A H.12 N/A	G.3.a	App. 8, Sec. 2.2
G.4.a App. 8, Sec. 2.2 G.4.b App. 2, Sec. 3.2.1 App. 8, Sec. 2.2 G.4.c N/A G.5 N/A H.1 H.2 H.3 N/A H.4 N/A H.5 H.5.a H.5.b H.5.c H.5.d H.6.a H.6.b H.6.c H.7 N/A H.8 H.9 H.10 N/A H.11 N/A H.12 N/A H.12 N/A H.12 N/A H.13 N/A	G.3.b	
App. 8, Sec. 2.2 G.4.b App. 2, Sec. 3.2.1 App. 8, Sec. 2.2 G.4.c N/A G.5 N/A H.1 H.2 H.3 N/A H.4 N/A H.5 H.5.a H.5.b H.5.c H.6.a H.6.b H.6.c H.7 N/A H.8 H.9 H.10 N/A H.11 N/A H.12 N/A I.1 I.2 I.3.a I.3.b I.4 I.5	642	App. 2, Sec. 3.2.1
G.4.c N/A G.5 N/A H.1 H.2 H.3 N/A H.5 H.5.a H.5.c H.6.a H.6.c H.7 N/A H.8 H.9 H.10 N/A H.11 N/A H.12 N/A H.12 N/A H.12 N/A H.12 N/A H.14 N/A H.15 N/A H.16 N/A H.17 N/A H.18 N/A H.19 N/A H.10 N/A H.11 N/A H.12 N/A H.11 N/A H.12 N/A H.11 N/A H.12 N/A	G.4.a	App. 8, Sec. 2.2
App. 8, Sec. 2.2 G.4.c N/A G.5 N/A H.1 H.2 H.3 N/A H.4 N/A H.5 H.5.a H.5.b H.5.c H.5.d H.6.a H.6.b H.6.c H.7 N/A H.8 H.9 H.10 N/A H.11 N/A H.12 I.2 I.3.a I.3.b I.4	G 4 b	App. 2, Sec. 3.2.1
G.5 N/A H.1 H.2 H.3 N/A H.4 N/A H.5 H.5.a H.5.b H.5.c H.6.a H.6.b H.6.c H.7 N/A H.8 H.9 H.10 N/A H.11 N/A H.12 N/A H.12 N/A I.1 I.2 I.3.a I.3.b I.4 I.5	G.4.b	App. 8, Sec. 2.2
H.1 H.2 H.3 N/A H.4 N/A H.5 H.5.a H.5.b H.5.c H.5.d H.6.a H.6.b H.6.c H.7 N/A H.8 H.9 H.10 N/A H.11 N/A H.12 N/A H.12 N/A H.12 N/A 1.1 1.2 1.3.a 1.3.b 1.4	G.4.c	N/A
H.2 H.3 N/A H.4 N/A H.5 H.5.a H.5.b H.5.c H.5.d H.6.a H.6.b H.6.c H.7 N/A H.8 H.9 H.10 N/A H.11 N/A H.12 N/A I.1 I.2 I.3.a I.3.b I.4 I.5	G.5	N/A
H.3 N/A H.4 N/A H.5 H.5.a H.5.b H.5.c H.5.d H.6.a H.6.b H.6.c H.7 N/A H.8 H.9 H.10 N/A H.11 N/A H.12 N/A I.1 I.2 I.3.a I.3.b I.4 I.5	H.1	
H.4 N/A H.5 H.5.a H.5.b H.5.c H.5.d H.6.a H.6.b H.6.c H.7 N/A H.8 H.9 H.10 N/A H.11 N/A H.12 N/A I.1 I.2 I.3.a I.3.b I.4 I.5	H.2	
H.5 H.5.a H.5.b H.5.c H.5.d H.6.a H.6.b H.6.c H.7 N/A H.8 H.9 H.10 N/A H.11 N/A H.12 N/A I.1 I.2 I.3.a I.3.b I.4 I.5	H.3	N/A
H.5.a H.5.b H.5.c H.5.d H.6.a H.6.b H.6.c H.7 N/A H.8 H.9 H.10 N/A H.11 N/A H.12 N/A H.12 I.2 I.3.a I.3.b I.4 I.5	H.4	N/A
H.5.b H.5.c H.5.d H.6.a H.6.b H.6.c H.7 N/A H.8 H.9 H.10 N/A H.11 N/A H.12 N/A I.1 I.2 I.3.a I.3.b I.4 I.5	H.5	
H.5.c H.5.d H.6.a H.6.b H.6.c H.7 N/A H.8 H.9 H.10 N/A H.11 N/A H.12 N/A I.1 I.2 I.3.a I.3.b I.4 I.5	H.5.a	
H.5.d H.6.a H.6.b H.6.c H.7 N/A H.8 H.9 H.10 N/A H.11 N/A H.12 N/A I.1 I.2 I.3.a I.3.b I.4 I.5	H.5.b	
H.6.a H.6.b H.6.c H.7 N/A H.8 H.9 H.10 N/A H.11 N/A H.12 N/A I.1 I.2 I.3.a I.3.b I.4 I.5	H.5.c	
H.6.b H.6.c H.7 N/A H.8 H.9 N/A H.10 N/A H.11 N/A H.12 N/A I.1 I.2 I.3.a I.3.b I.4 I.5	H.5.d	
H.6.c H.7 N/A H.8 H.9 N/A H.10 N/A H.11 N/A H.12 N/A I.1 I.2 I.3.a I.3.b I.4 I.5	H.6.a	
H.7 N/A H.8 H.9 H.10 N/A H.11 N/A H.12 N/A I.1 I.2 I.3.a I.3.b I.4 I.5	H.6.b	
H.8 H.9 H.10 N/A H.11 N/A H.12 N/A I.1 I.2 I.3.a I.3.b I.4 I.5	H.6.c	
H.9 H.10 N/A H.11 N/A H.12 N/A I.1 I.2 I.3.a I.3.b I.4 I.5	H.7	N/A
H.10 N/A H.11 N/A H.12 N/A I.1 I.2 I.3.a I.3.b I.4 I.5	H.8	
H.11 N/A H.12 N/A I.1 I.2 I.3.a I.3.b I.4 I.5	H.9	
H.12 N/A 1.1 1.2 1.3.a 1.3.b 1.4 1.5	H.10	N/A
1.1 I.2 I.3.a I.3.b I.4 I.5	H.11	N/A
1.2 1.3.a 1.3.b 1.4 1.5	H.12	N/A
1.3.a 1.3.b 1.4 1.5	I.1	
1.3.b 1.4 1.5	1.2	
1.4 1.5	I.3.a	
1.5	I.3.b	
	1.4	
I.6	1.5	
	1.6	

NUREG-0654/FEMA-REP-1 Evaluation Criterion	Corresponding VDH/DRH Emergency Response Plan Section
	Sec. 8.1.3
1.7	App. 1, Secs. 2.1, 2.3
	App. 5
	Sec. 8.1.3
1.8	App. 1, Secs. 2.1, 2.3
	App. 5
1.9	App. 1, Secs. 2.1, 2.3
1.9	App. 5
140	App. 1, Secs. 2.1, 2.3
l.10	App. 5
· .	Sec. 8.1.3
l.11	App. 1, Secs. 2.1, 2.3
* +	App. 5
J.1.a	
J.1.b	
J.1.c	
J.1.d	
J.2	App. 11
J.3	
J.4	
J.5	
J.6.a	Company of the Compan
J.6.b	
J.6.c	
J.7	
J.8	
	Secs. 8.1.2, 8.1.5
	App. 1, Sec. 2.2
J.9	App. 11, Sec. 2.3
	App. 6, Sec. 2.6
J.10.a	N/A
J.10.b	N/A
J.10.c	N/A
J.10.d	N/A
J.10.e	Sec. 8.1.6
	App. 1, Sec. 2.12
	App. 6, Sec. 2.2
	1 - FF- 9, 999, 212

NUREG-0654/FEMA-REP-1 Evaluation Criterion	Corresponding VDH/DRH Emergency Response Plan Section
l 10 f	App. 2, Sec. 3.2.1
J.10.f	App. 6, Sec. 2.2
J.10.g	N/A
J.10.h	N/A
J.10.i	N/A
J.10.j	N/A
J.10.k	N/A
J.10.l	N/A
J.10.m	N/A
144	Sec. 8.1.5
J.11	App. 7
J.12	N/A
K.1.a	
K.1.b	
K.1.c	
K.1.d	
K.1.e	
K.1.f	
K.1.g	
K.2	
K.3.a	N/A
K.3.b	N/A
K.4	App. 6, Secs. 2.1, 2.4, 2.5
K.5.a	App. 10, Sec. 2.1
K.5.b	App. 10, Sec. 2.1
K.6.a	
K.6.b	
K.6.c	
K.7	
L.1	App. 1, Secs. 2.5, 2.6
L.2	
L.3	N/A
L.4	N/A
M.1	App. 1, Sec. 2.9
	App. 4, Sec. 2.2
	App. 4, Att. 1, Sec. E
	App. 10
M.2	

NUREG-0654/FEMA-REP-1 Evaluation Criterion	Corresponding VDH/DRH Emergency Response Plan Section
M.3	N/A
M.4	N/A
N.1.a	N/A
N.1.b	N/A
N.2.a	N/A
N.2.b	
N.2.c	
N.2.d	N/A
N.2.e(1)	N/A
N.2.e(2)	
N.3.a	N/A
N.3.b	N/A
N.3.c	N/A
N.3.d	App. 12, Sec. 2.1.1
N.3.e	App. 12, Sec. 2.1.2
. N.3.f	N/A
N.4	N/A
N.5	N/A
0.1	App. 12, Sec. 2.2
0.1.a	
O.1.b	App. 12, Sec. 2.2
0.2	
0.3	
O.4.a	N/A
O.4.b	App. 12, Sec. 2.2
O.4.c	App. 12, Sec. 2.2
O.4.d	N/A
O.4.e	
O.4.f	N/A
O.4.g	
0.41	App. 1, Sec. 2.10
O.4.h	App. 12, Sec. 2.2.3
O.4.i	
O.4.j	N/A
O.5	App. 12, Sec. 2.2.2
P.1	N/A
P.2	N/A
P.3	N/A

NUREG-0654/FEMA-REP-1 Evaluation Criterion	Corresponding VDH/DRH Emergency Response Plan Section
P.4	App. 12, Sec. 1.0
P.5	N/A
P.6	N/A
P.7	App. 17
P.8	N/A
P.9	
P.10	N/A