

T. L. Harpster
VP-Bell Bend Project-Development

PPL Bell Bend, LLC
38 Bomboy Lane, Suite 2
Berwick, PA 18603
Tel. 570.802.8111 FAX 570.802.8119
tlharpster@pplweb.com



December 1, 2008

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

ATTN: Michael R. Johnson, Director
Office of New Reactors

*CD FILES NOT IN
COMPLIANCE W/NRC
REQUIREMENTS.*

W. Johnson, PM

**BELL BEND NUCLEAR POWER PLANT
SUPPLEMENTAL INFORMATION FOR THE BELL BEND COLA
PART 5: EMERGENCY PLAN
BNP-2008-007**

NRC Project #762

Reference: 1) BNP-2008-002, T. L. Harpster (PPL Bell Bend, LLC) to U. S. Nuclear Regulatory Commission, "Application for Combined License for the Bell Bend Nuclear Power Plant," dated October 10, 2008

PPL Bell Bend, LLC (PPL) submitted an application for a combined license (COL) for the Bell Bend Nuclear Power Plant (BBNPP) on October 10, 2008 (Reference 1). In a telecon held on November 26, 2008, the NRC staff requested that PPL provide additional information in support of FEMA's review of the BBNPP Emergency Plan. In order to put PPL's responses to the NRC staff in the proper context, please note the following:

- The BBNPP Emergency Plan references existing State, County, and Municipal response plans that are approved and have been implemented for many years in support of the Susquehanna Steam Electric Station (SSES). All Agreements and Statements of Understanding for the supporting organizations are current and on file.
- The BBNPP EPZ is essentially the same as the SSES EPZ. The Municipalities supporting the BBNPP EPZ are the same Municipalities supporting the SSES EPZ. Because the BBNPP site is approximately 0.6 miles west of the SSES site, there is a slight offset in the BBNPP EPZ. This impacts one street in Benton Township. The neighboring township, Fishing Creek Township, has agreed to cover this street under its Municipal Response Plan.
- The current State, County, and Municipal Response Plans do not explicitly reference BBNPP, because it was not deemed appropriate to change the current plans to include BBNPP until a commitment to build and operate the facility is in place. Instead, State and Risk County Governmental Agency Emergency Plan Certification Documentation was provided to demonstrate their significant level of commitment to provide emergency support for BBNPP in accordance with 10 CFR 52.79(a)(22)(i).

With the above provided as background, the NRC staff requests and PPL's responses are provided below:

A copy of the existing Pennsylvania Department of Environmental Protection BRP Radiological Emergency Response Plan. It was acknowledged in the telecon that although this plan doesn't currently reference BBNPP, the State and Risk County Governmental Agency Emergency Plan Certification Documentation submitted as part of Reference 1 (Emergency Plan Annex) would suffice to indicate that the State and Risk Counties are committed to provide emergency support should BBNPP be built.

PPL Response: The requested plan is attached.

*DD79
AX45*

1120

Copies of Agreements and Statements of Understanding, School District and School Plans, and Supporting Plans and Implementing Procedures for the Risk Counties.

PPL Response: The Radiological Emergency Response Plans for the two Risk Counties, Columbia and Luzerne, have been provided in Part 5B of Reference 1. As stated above, State and Risk County Governmental Agency Emergency Plan Certification Documentation submitted with Reference 1 demonstrates that the State and Risk Counties are committed to support BBNPP. With regard to the requested information, the BBNPP application (Reference 1) states that the documents are on file in each of the respective Risk County Emergency Operations Centers. PPL proposes that this information, which exists in support of the approved Emergency Plan for the Susquehanna Steam Electric Station (SSES), be sufficient for acceptance review.

As a result of the slight offset of the BBNPP plume exposure EPZ from that of the SSES plume exposure EPZ, i.e., one street in Benton Township, the neighboring township, Fishing Creek Township, has agreed to cover this change under its Municipal Response Plan, which is provided in Part 5C of Reference 1. A letter attesting to this Agreement is attached for your information.

Cross-reference documents for the State and Risk County Emergency Response Plans as described in NUREG 0800 and NUREG 0654/FEMA REP-1, Rev.1.

PPL Response: Cross-reference matrices for the State and Risk Counties are attached for the staff's use. Please note that they have not been reviewed by the State or the Risk Counties at this time. Additionally, the Table of Contents for the State Plan, which was inadvertently omitted in Reference 1, is attached in order to further facilitate FEMA and NRC review.

PPL will appropriately incorporate the attachments to this letter in a future revision to the BBNPP combined license application.

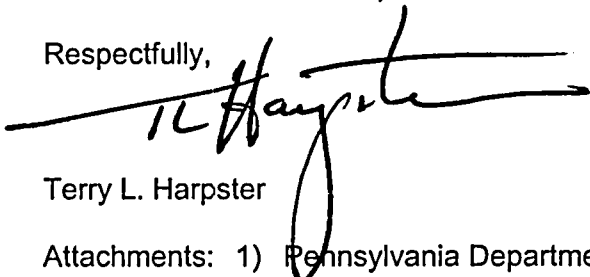
PPL requests that the NRC staff maintain the current application review and acceptance timetable that provides for docketing of this application by December 15, 2008.

If you have any questions or require additional information, please contact Mr. Rocky Sgarro, Manager-Nuclear Regulatory Affairs at 570.802.8102.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on December 1, 2008.

Respectfully,



Terry L. Harpster

- Attachments:
- 1) Pennsylvania Department of Environmental Protection BRP Radiological Emergency Response Plan (CD)
 - 2) Fishing Creek Township Letter dated October 1, 2008
 - 3) State and Risk County Cross-Reference Matrices, and Table of Contents for the State Emergency Response Plan

cc: (w/ attachments)

Mr. Samuel J. Collins
Regional Administrator
U.S. Nuclear Regulatory Commission
Region I
475 Allendale Road
King of Prussia, PA 19406-1415

Ms. Vanessa E. Quinn
Chief, Radiological Emergency Preparedness Branch
U.S. Department of Homeland Security-FEMA
500 C Street, SW
Washington, DC 20472

Attachment 1 (CD)

Pennsylvania Department of Environmental Protection BRP
Radiological Emergency Response Plan



Attachment 2

Fishing Creek Township Letter dated October 1, 2008

**FISHING CREEK TOWNSHIP SUPERVISORS
3188 STATE ROUTE 487 ORANGEVILLE, PA 17859**

Phone: 570/683-5900 Fax: 570/683-5048

e-mail fishingcreektwp@pa.net

**Randy Hack, Ronald Kocher, Randall Laubach, Supervisors
Patricia M. Russo, Secretary/Treasurer**

October 1, 2008

Mr. Lawrence Lahiff
Columbia County Emergency Management Agency
Court House
PO Box 380
Bloomsburg, PA 17815

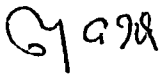
Mr. Lahiff:

The Township Supervisors have reviewed the information on the proposed Bell Bend reactor provided by your office, PPL and the Unistar emergency planning consultants. It is our view that the emergency planning zone boundary as it relates to our municipality will also suffice based on the location of the new reactor.

Further, based upon discussions with neighboring Benton Township, Fishing Creek has agreed to cover the small area of Benton township proposed to be added to the Bell Bend EPZ. This area of Strawberry Lane is currently serviced by Fishing Creek Township for snow removal, et cetera, therefore an existing cooperative agreement exists.

However, Fishing Creek does view this offer of assistance as an interim measure and understands that at some point in the future, Benton Township will endeavor to develop its own emergency response capabilities.

Sincerely,



Randy Hack
Chairman of Supervisors
Fishing Creek Township

Cc ✓ Robert Bradshaw
Contingency Management
5000 Ritter Road
Mechanicsburg, PA 17055

Joseph Scopelliti
PPL
634 Salem Blvd
Berwick, PA 18603

Terri Adams
Benton Township Supervisors
236 Shickshinny Road
Benton, PA 17814

Nevin Dressler
PPL
467 Salem Blvd
Berwick, PA 18603

Curt Saxton
55 Zion Church Road
Orangeville, PA 17859

Attachment 3

**State and Risk County Cross-Reference Matrices, and
Table of Contents for the State Emergency Response Plan**

**Bell Bend Nuclear Power Plant
Risk County NUREG 0654 Cross Reference**

ISP – Incident Specific Plan

NUREG-0654 Eval. Criterion	Luzerne County	Columbia County
A.1.a	ISP § 6. A-D ISP Enclosure 2	ISP § 6. A-D ISP Enclosure 2
A.1.b	ISP § 5 App 2 § 4 App 3 § 4 App 4 § 4 App 5 § 4 App 6 § 4 App 7 § 5 App 8 § 3 App 9 § 4 App 10 § 4 App 11 § 5 App 12 § 5 App 13 § 3 App 14 § 3 App 15 § 3 App 16 § 3 App 17 § 3 App 18 § 3 App 19 § 3	ISP § 5 App 2 § 4 App 3 § 4 App 4 § 4 App 5 § 4 App 6 § 4 App 7 § 5 App 8 § 3 App 9 § 4 App 10 § 4 App 11 § 5 App 12 § 5 App 13 § 3 App 14 § 3 App 15 § 3 App 16 § 3 App 17 § 3 App 18 § 3 App 19 § 3
A.1.c	ISP Enclosure 1	ISP Enclosure 1
A.1.d	ISP § 6.A App 1, #1	ISP § 6.A App 1, #1
A.1.e	ISP § 6.D.3 ISP § 6.E.2 ISP Enclosure 5 App 1, #1 App 2 § 3.B, & 4.A	ISP § 6.D.3 ISP § 6.E.2 ISP Enclosure 5 App 1, #1 App 2 § 3.B, & 4.A
A.2.a	ISP § 6 E-K ISP Enclosure 2 ISP Enclosure 3	ISP § 6 E-K ISP Enclosure 2 ISP Enclosure 3
A.2.b	ISP § 6. M ISP § 7. A & B	ISP § 6. M ISP § 7. A & B
A.3	App 20	App 20
A.4	ISP § 6.D 3 App 1, #1 App 1 #8	ISP § 6.D 3 App 1, #1 App 1 #8
B.1		

**Bell Bend Nuclear Power Plant
Risk County NUREG 0654 Cross Reference**

NUREG-0654 Eval. Criterion	Luzerne County	Columbia County
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		
C.1.b		
C.1.c	App 2 § 2 & 3.D App 13 § C.3	App 2 § 2 & 3.D App 13 § C.3
C.2.a	App 2 § 3.E	App 2 § 3.E
C.2.b		
C.3		
C.4	ISP § 6.B, C, E, & F - J App 20	ISP § 6.B, C, E, & F - J App 20
D.1		
D.2		

**Bell Bend Nuclear Power Plant
Risk County NUREG 0654 Cross Reference**

NUREG-0654 Eval. Criterion	Luzerne County	Columbia County
D.3	ISP Enclosure 4	ISP Enclosure 4
D.4	ISP § 5.G ISP § 3.A App 1 #3 App 2 § 4.F App 4 § L App 5 § 4 App 6 § 4 App 7 § 5 App 8 § 3 App 9 § 4 App 10 § 4 App 11 § 5 App 12 § 5 App 13 § 4.C App 14 § 3.B	ISP § 5.G ISP § 3.A App 1 #3 App 2 § 4.F App 4 § L App 5 § 4 App 6 § 4 App 7 § 5 App 8 § 3 App 9 § 4 App 10 § 4 App 11 § 5 App 12 § 5 App 13 § 4.C App 14 § 3.B
E.1	ISP § 5.B – E.1 ISP § 6.D.5 App 2, Attachment D App 3 § 4. A-D	ISP § 5.B – E.1 ISP § 6.D.5 App 2, Attachment D App 3 § 4. A-D
E.2	ISP § 5.E.2-4 & F App 1 #2 App 2	ISP § 5.E.2-4 & F App 1 #2 App 2
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		

**Bell Bend Nuclear Power Plant
Risk County NUREG 0654 Cross Reference**

NUREG-0654 Eval. Criterion	Luzerne County	Columbia County
E.4.i		
E.4.j		
E.4.k		
E.4.l		
E.4.m		
E.4.n		
E.5	ISP § 5.A-F ISP § 5.G.2.i & j ISP § 5.G.3.e ISP § 5.G.4.e App 3, Attachment A App 3, Attachment D	ISP § 5.A-F ISP § 5.G.2.i & j ISP § 5.G.3.e ISP § 5.G.4.e App 3, Attachment A App 3, Attachment D
E.6	ISP § 5.G.2.g & i ISP § 5.G.3.e ISP § 5.G.4.e ISP § 6.D.26 App 3 § 2 & 3 App 3 § 4.E – H App 3 § 5.C	ISP § 5.G.2.g & i ISP § 5.G.3.e ISP § 5.G.4.e ISP § 6.D.26 App 3 § 2 & 3 App 3 § E – H App 3 § 5.C App 4, Attachment K
E.7	ISP § 5.G.3.e ISP § 6.K.9 App 3, Attachment D App 4, Attachment A-I	ISP § 5.G.3.e ISP § 6.K.9 App 3, Attachment D App 4, Attachment A-J
F.1.a	ISP § 5.D ISP § 5.E.2 App 2 § 2 App 2 § 3 A-E App 2 § 4.A App 2, Attachment A App 3 § 4.C	ISP § 5.D ISP § 5.E.2 App 2 § 2 App 2 § 3 A-E App 2 § 4.A App 2, Attachment A App 3 § 4.C
F.1.b	App 2 § 3.A.1 & 2 App 2 § 3.C App 2 § 4.A-E App 2, Attachment A	App 2 § 3.A.1 & 2 App 2 § 3.C App 2 § 4.A-E App 2, Attachment A
F.1.c	App 2 § 3.D	App 2 § 3.D

**Bell Bend Nuclear Power Plant
Risk County NUREG 0654 Cross Reference**

NUREG-0654 Eval. Criterion	Luzerne County	Columbia County
F.1.d	App 2 § 3.E App 3 § 4.A	App 2 § 3.E App 3 § 4.A
F.1.e	App 2 § 3.A	App 2 § 3.A
F.1.f		
F.2	App 2 § 3.B & 4.B	App 2 § 3.A & 4.B
F.3	ISP § 6.D.7 App 2 § 4 App 3 § 5.B	ISP § 6.D.7 App 2 § 4 App 3 § 5.B
G.1	ISP § 6.D.23 ISP § 6.K.9.d App 4 § 4A App 4 § 3A App 4, Attachment 1	ISP § 6.D.23 ISP § 6.K.9.d App 4 § 4A App 4 § 3A App 4, Attachment 1
G.2	ISP § 6.D.7 ISP § 6.D.26 & 27 ISP § 6.K.9.d App 4 § 4.B App 4, Attachment 1	ISP § 6.D.7 ISP § 6.D.26 & 27 ISP § 6.K.9.d App 4 § 4.B App 4, Attachment 1
G.3.a	ISP § 6.K.9.b App 4 § 4.J	ISP § 6.K.9.b App 4 § 4.J
G.3.b		
G.4.a	App 4 § 4.K	App 4 § 4.K
G.4.b	ISP § 6.K.9.c App 4 § 4.D App 4 § 4.K	ISP § 6.K.9.c App 4 § 4.D App 4 § 4.K
G.4.c	ISP § 6.K.9.f App 4 § 4.H & I	ISP § 6.K.9.f App 4 § 4.H & I
G.5	App 4 § 2.B App 4 § 4.C	App 4 § 2.B App 4 § 4.C
H.1		
H.2		
H.3	ISP § 6.D.3 & 4 ISP § 6.E.2	ISP 6.D.3 & 4 ISP § 6.E.2
H.4	ISP § 6.D.3 & 4 ISP § 5.F.2	ISP § 6.D.3 & 4 ISP § 5.F.2

**Bell Bend Nuclear Power Plant
Risk County NUREG 0654 Cross Reference**

NUREG-0654 Eval. Criterion	Luzerne County	Columbia County
	App 1, #2	App 1, #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	ISP § 5.G App 13, Attachment C, Tab 2 App 13 § 4.C	ISP § 5.G App 13, Attachment C, Tab 2 App 13 § 4.C
H.8		
H.9		
H.10	App 13, Attachment C App 13 § 6.G & H App 13, Attachment C, Tab 1	App 13, Attachment C App 13 § 6.G & H App 13, Attachment C, Tab 1
H.11	App 13 § 9.A-K App 13, Attachment B App 13, Attachment C, Tab 1 App 13 § 7.C.2 App 13, Attachment C, Tab 2.A	App 13 § 9.A-K App 13, Attachment B App 13, Attachment C, Tab 1 App 13 § 7.C.2 App 13, Attachment C, Tab 2.A
H.12	ISP § 4.B ISP § 6.c.2 App 15 § 4.B.2.h,i&j App 15 § 4.A.4 (State Responsibility)	ISP § 4.B ISP § 6.c.2 App 15 § 4.B.2.h,i&j App 15 § 4.A.4 (State Responsibility)
I.1		
I.2		
I.3.a		

**Bell Bend Nuclear Power Plant
Risk County NUREG 0654 Cross Reference**

NUREG-0654 Eval. Criterion	Luzerne County	Columbia County
I.3.b		
I.4		
I.5		
I.6		
I.7	ISP § 6.C.2 App 13 § 4.C App 13 § 4.B (State Responsibility)	ISP § 6.C.2 App 13 § 4.C App 13 § 4.B (State Responsibility)
I.8	App 13 § 4.B App 13 § 4.C (State Responsibility)	App 13 § 4.B App 13 § 4.C (State Responsibility)
I.9		
I.10		
I.11		
J.1.a		
J.1.b		
J.1.c		
J.1.d		
J.2	ISP § 4.E ISP § 6.D.23 App 9 § 3 App 11 § 4	ISP § 4.E ISP § 6.D.23 App 9 § 3 App 11 § 4
J.3		
J.4		
J.5		
J.6.a		
J.6.b		

**Bell Bend Nuclear Power Plant
Risk County NUREG 0654 Cross Reference**

NUREG-0654 Eval. Criterion	Luzerne County	Columbia County
J.6.c		
J.7		
J.8		
J.9	ISP § 3.A-D App 12 App 13 § 4.E App 13, Attachment B App 10, Attachment F App 15, Attachment C App 16 § 3.D	ISP § 3.A-D App 12 App 13 § 4.E App 13, Attachment B App 10, Attachment F App 15, Attachment C App 16 § 3.D
J.10.a	App 10, Attachment A App 12, Attachment A App 24	App 10, Attachment A App 12, Attachment A App 24
J.10.b	App 10, Attachment D App 10 § 3.C	App 10, Attachment D App 10 § 3.C
J.10.c	ISP § 6.E.7 App 3 § 2 & 3 App 3 § 4.F, G, H App 3, Attachment D App 4, § 4.E App 10 § 4.A.1	ISP § 6.E.7 App 3 § 2 & 3 App 3 § 4.F, G, H App 3, Attachment D App 4, § 4.E App 10 § 4.A.1
J.10.d	ISP § 6.E.7 App 7 § 2 & 3 App 13 § 7	ISP § 6.E.7 App 7 § 2 & 3 App 13 § 7
J.10.e	ISP § 6.D.20 ISP § 6.E.10 ISP § 6.K.10.c App 13 § 7.B & C App 13 § 6.C App 13, Attachment B	ISP § 6.D.20 ISP § 6.E.10 ISP § 6.K.10.c App 13 § 7.B & C App 13 § 6.C App 13, Attachment B
J.10.f	ISP § 3.B ISP § 5.G.3.f App 4, Attachment C-E App 5 § 4.D.6 App 13, Attachment B § 2 App 13 § 6.C.3	ISP § 3.B ISP § 5.G.3.f App 4, Attachment C-E App 5 § 4.D.6 App 13, Attachment B § 2 App 13 § 6.C.3
J.10.g	ISP § 6.K.9 ISP § 6.K.8 ISP § 4.G, H App 9 App 10 § 4.A.5 & 7 App 7 § 2.C	ISP § 6.K.9 ISP § 6.K.8 ISP § 4.G, H App 9 App 10 § 4.A.5 & 7 App 7 § 2.C

**Bell Bend Nuclear Power Plant
Risk County NUREG 0654 Cross Reference**

NUREG-0654 Eval. Criterion	Luzerne County	Columbia County
	App 7 § 2.E & G App 7 § 4.G	App 7 § 2.E & G App 7 § 4.G
J.10.h	ISP § 5.A ISP § 6.K.6 App 12 § 4.C-D	ISP § 5.A ISP § 6.K.6 App 12 § 4.C-D
J.10.i	App 10 Evacuation Time Estimates (Under Separate Cover)	App 10 Evacuation Time Estimates (Under Separate Cover)
J.10.j	ISP § 8.A ISP § 8.NN ISP § 5.G.3.g ISP § 5.G.4.b ISP § 6.D.14 & 15 ISP § 6.E.11 ISP § 6.F.2 ISP § 6.K.4.e ISP § 6.M.4 App 6 § 2.C & D App 8 § 4.A App 11 § 2 & 3 App 11, Attachments A,B,D	ISP § 8.A ISP § 8.NN ISP § 5.G.3.g ISP § 5.G.4.b ISP § 6.D.14 & 15 ISP § 6.E.11 ISP § 6.F.2 ISP § 6.K.4.e ISP § 6.M.4 App 6 § 2.C & D App 8 § 4.A App 11 § 2 & 3 App 11, Attachments A,B,D
J.10.k	ISP § 6.I.2 App 8 § 4.A	ISP § 6.I.2 App 8 § 4.A
J.10.l	App 10, Attachment B Evacuation Time Estimates (Under Separate Cover)	App 10, Attachment B Evacuation Time Estimates (Under Separate Cover)
J.10.m		
J.11		
J.12	App 12 § 1.B,C App 13, Attachment A § 1.D.4	App 12 § 1.B,C App 13, Attachment A § 1.D.4
K.1.a		
K.1.b		
K.1.c		
K.1.d		
K.1.e		

**Bell Bend Nuclear Power Plant
Risk County NUREG 0654 Cross Reference**

NUREG-0654 Eval. Criterion	Luzerne County	Columbia County
K.1.f		
K.1.g		
K.2		
K.3.a	App 13, Attachment B § 4.C.4 App 13 § 6.G App 13, Attachment B.2	App 13, Attachment B § 4.C.4 App 13 § 6.G App 13, Attachment B.2
K.3.b	App 13 § 4.E & G App 13 § 6.B App 13, Attachment B § 4.D.3 App 13, Attachment B, Tab 1 App 13, Attachment B, Tab 2	App 13 § 4.E & G App 13 § 6.B App 13, Attachment B § 4.D.3 App 13, Attachment B, Tab 1 App 13, Attachment B, Tab 2
K.4	App 13, Attachment B § 4.A.6	App 13, Attachment B § 4.A.6
K.5.a	App 13, Attachment A § 2.B.3 App 13, Attachment A, Tab 1 App 13, Attachment F § 3	App 13, Attachment A § 2.B.3 App 13, Attachment A, Tab 1 App 13, Attachment F § 3
K.5.b	App 13, Attachment E App 13, Attachment F § 4.U App 13, Attachment F § 5.L App 13, Attachment A § 5.B App 13, Attachment A § 6 & 7	App 13, Attachment E App 13, Attachment F § 4.U App 13, Attachment F § 5.L App 13, Attachment A § 5.B App 13, Attachment A § 6 & 7
K.6.a		
K.6.b		
K.6.c		
K.7		
L.1	ISP § 5.G ISP § 3.A ISP § 4.B ISP § 6.D & E App 7, Attachment E App 7, Attachment F	ISP § 5.G ISP § 3.A ISP § 4.B ISP § 6.D & E App 7, Attachment E App 7, Attachment F
L.2		
L.3		

**Bell Bend Nuclear Power Plant
Risk County NUREG 0654 Cross Reference**

NUREG-0654 Eval. Criterion	Luzerne County	Columbia County
L.4	ISP § 3.A ISP § 4.B, E & F ISP § 5.A & G App 7 § 2 Attachment 7 § 3.A.2 & 3.A.3 Attachment 7 § 4.B, E & F Attachment 7, Attachment C & D App 9 § 3 App 9 § 4.C.4	ISP § 3.A ISP § 4.B, E & F ISP § 5.A & G App 7 § 2 Attachment 7 § 3.2 & 3.3 Attachment 7 § 4.B, E & F Attachment 7, Attachment C & D App 9 § 3 App 9 § 4.C.4
M.1	App 16 § 1-3 App 16 § 6.A-F App 15 § 3.A	App 16 § 1-3 App 16 § 6.A-F App 15 § 3.A
M.2		
M.3		
M.4		
N.1.a	App 19 § 1-5	App 19 § 1-5
N.1.b	App 19 § 1-5 App 19, Attachment B	App 19 § 1-5 App 19, Attachment B
N.2.a	ISP § 6.D.28 App 19, Attachment C	ISP § 6.D.28 App 19, Attachment C
N.2.b		
N.2.c	App 19, Attachment C	App 19, Attachment C
N.2.d	App 19, Attachment. C	App 19, Attachment. C
N.2.e(1)		
N.2.e(2)		
N.3.a	App 19 § 4.A.4 App 19 § 3.B.9 Attachment 19, Attachment A § 6.A	App 19 § 4.A.4 App 19 § 3.B.9 Attachment 19, Attachment A § 6.A
N.3.b	App 19, Attachment A § 6.B	App 19, Attachment A § 6.B
N.3.c	App 19, Attachment A § 6.C	App 19, Attachment A § 6.C
N.3.d	App 19, Attachment A § 6.D	App 19, Attachment A § 6.D

**Bell Bend Nuclear Power Plant
Risk County NUREG 0654 Cross Reference**

NUREG-0654 Eval. Criterion	Luzerne County	Columbia County
N.3.e	App 19, Attachment A § 6.E	App 19, Attachment A § 6.E
N.3.f	App 19 § 4.A.5. d App 19, Attachment A #4	App 19 § 4.A.5. d App 19, Attachment A #4
N.4	App 19, Attachment B § 4.A.B	App 19, Attachment B § 4.A.B
N.5	App 19, Attachment B § 4.E, G-I	App 19, Attachment B § 4.E, G-I
O.1	ISP § 6.D.22 ISP § 6.E.3 App 13 § 4.C App 18	ISP § 6.D.22 ISP § 6.E.3 App 13 § 4.C App 18
O.1.a		
O.1.b	ISP § 6.D. 22 & 29 App 18 § 4.B.4 & 6	ISP § 6.D. 22 & 29 App 18 § 4.B.4 & 6
O.2		
O.3		
O.4.a	ISP § 8.K.1.c App 18 § 3.A-D App 18 § 4.A.4	ISP § 8.K.1.c App 18 § 3.A-D App 18 § 4.A.4
O.4.b	Accomplished at state level	Accomplished at state level
O.4.c	ISP § 6.D.18 App 13 § 4.C App 13 § 6.H App 13, Attachment B § 4.A. 6. c, Note	ISP § 6.D.18 App 13 § 4.C App 13 § 6.H App 13, Attachment B § 4.A. 6. c, Note
O.4.d	App 18 § 3.C App 18 § 4.A.6	App 18 § 3.C App 18 § 4.A.6
O.4.e		
O.4.f	App 18 § 1.B App 18 § 4.A.6 App 5 § 4.B.2	App 18 § 1.B App 18 § 4.A.6 App 5 § 4.B.2
O.4.g	App 18 § 1.B App 18 § 3.A-C & E	App 18 § 1.B App 18 § 3.A-C & E
O.4.h	App 18 § 1.B App 18 § 3.A-C	App 18 § 1.B App 18 § 3.A-C
O.4.i		

**Bell Bend Nuclear Power Plant
Risk County NUREG 0654 Cross Reference**

NUREG-0654 Eval. Criterion	Luzerne County	Columbia County
O.4.j	App 18 § 1.B App 18 § 3.A-C	App 18 § 1.B App 18 § 3.A-C
O.5	App 18 § 4.B 1-4 &7	App 18 § 4.B 1-4 &7
P.1	App 18 § 3.A-F App 18 § 4.A.4	App 18 § 3.A-F App 18 § 4.A.4
P.2	ISP § 5.E.2.d ISP § 6.A App 1 #5	ISP § 5.E.2.d ISP § 6.A App 1 #5
P.3	ISP § 6.A ISP § 6.D. 8-17 ISP § 6.K.1	ISP § 6.A ISP § 6.D. 8-17 ISP § 6.K.1
P.4	ISP § 6.D.1 App 19, Attachment B § 4.H	ISP § 6.D.1 App 19, Attachment B § 4.H
P.5	ISP § 6.D.1 ISP § 9.A-C	ISP § 6.D.1 ISP § 9.A-C
P.6	App 21 App 22	App 21 App 22
P.7	App 21	App 21
P.8	iii-vii	ii-vi
P.9		
P.10	ISP § 6.D.5 ISP Enclosure 5 ISP Enclosure 6	App § 2 § 5 ISP Enclosure 5 ISP Enclosure 6

**Bell Bend Nuclear Power Plant
Commonwealth of Pennsylvania NUREG 0654 Cross Reference**

BP – Base Plan

NUREG-- 0654 Eval. Criterion	Commonwealth of PA SEOP/Annex E
A.1.a	BP § 3.A.1-5 BP § 6.A BP § 6.B.2-25 BP § 8 – 9.A-G. BP Enclosure 1, Tab. A & B(Enclosures 2 & 4) App 2 -14(§ 4) App 15 § 6 App 16 – 21(§ 4)
A.1.b	BP § 4.A-W App 1 – 24(§ 3)
A.1.c	BP Enclosures 1 & 4
A.1.d	BP § 4.B BP § 5.A
A.1.e	BP § 6.B(18)k App 2 § 2.B App 8 § 2.A App 8 § 3.A-F App 2, Attachment D
A.2.a	BP § 6.B.1-25 BP Enclosure 2
A.2.b	BP § 1.A BP § 5.A BP § 12
A.3	BP § 5.B App 21 App 21, Attachment A
A.4	BP § 4.G BP § 4.H BP § 6.B(18)k BP Enclosure 1, Tab B
B.1	
B.2	
B.3	
B.4	
B.5	

Bell Bend Nuclear Power Plant
Commonwealth of Pennsylvania NUREG 0654 Cross Reference

NUREG-- 0654 Eval. Criterion	Commonwealth of PA SEOP/Annex E
B.6	
B.7	
B.7.a	
B.7.b	
B.7.c	
B.7.d	
B.8	
B.9	
C.1.a	BP § 4.B
C.1.b	BP § 9.A-G App 23 § 3.B App 6, Attachment A (§2.A-C)
C.1.c	App 23
C.2.a	BP § 4.L BP § 6.B(9).g.16 BP § 6.B(18).z.ff.6 BP § 6.B(19).j App 6, Attachment B (§1.B) App 6, Attachment D §2.C BP Enclosure 1, Tab B §5
C.2.b	
C.3	App 6 § 3.D(2) & (3) App 6 § 4.C App 6, Attachment D § 4.D
C.4.	BP § 2.J BP § 4.D BP § 4.H(2) BP § 6.B(25) BP § 6.B(9).g.14 BP § 6.B(14).l BP § 6.B(18).i, j, and y App 6 § 4.A-C App 9

**Bell Bend Nuclear Power Plant
Commonwealth of Pennsylvania NUREG 0654 Cross Reference**

NUREG-- 0654 Eval. Criterion	Commonwealth of PA SEOP/Annex E
	App 10 App 21 App 23
D.1	
D.2	
D.3	App 1
D.4	App 1 App 6 § 4.A & B
E.1	App 2 § 3.B(1) & (2) App 2 § 3.C
E.2	BP § 4.D App 2 § 4.A-G App 2, Attachment D
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	

**Bell Bend Nuclear Power Plant
Commonwealth of Pennsylvania NUREG 0654 Cross Reference**

NUREG-- 0654 Eval. Criterion	Commonwealth of PA SEOP/Annex E
E.4.k	
E.4.l	
E.4.m	
E.4.n	
E.5	App 16 § 3.A App 16 § 3.G App 16 § 3.H App 16 § 4.B.(3) & (4) App 16 § 4.C(3) App 3 § 4.A(1)-(3)a
E.6	App 3 § 2-4 App 3, Attachment A
F.1.a	BP § 4.H BP § 4.I BP § 4.M App 2 § 2-4 App 8 § 2-3 App 3 § 2.F
F.1.b	App 2 § 3.A(1) App 2, Attachment D App 8 § 2-3
F.1.c	App 2 § 3.A(1) App 2, Attachment D App 6 § 2 App 8 § 3.E & F App 23 § 4.B(6) App 23 § 5.A(3)
F.1.d	App 2 § 2.A App 2 § 3.A(1) App 6 § 3.A(3) App 6, Attachment C (§2(1)-(4)) App 8 § 2-3
F.1.e	BP § 4.G App 2 § 3.A(1) App 2 § 3.B App 2 § 4 App 6, Attachment C (§1.A-G)
F.1.f	

**Bell Bend Nuclear Power Plant
Commonwealth of Pennsylvania NUREG 0654 Cross Reference**

NUREG-- 0654 Eval. Criterion	Commonwealth of PA SEOP/Annex E
F.2	App 8 § 3.B App 11 § 4.G(2).b.(3)
F.3	App 5 § 5.A(5)
G.1	BP § 6.B(24)(a)-(h) App 16 § 4.B(6) & (7) App 16 § 4.C(1)-(10)
G.1.a	BP § 6.B(24).a.24(g) App 16 § 4.C(4)
G.1.b	BP § 6.B(24).a.24(e) App 16 § 4.C(4) App 16 § 4.C(8)
G.1.c	BP § 6.B(24)b-d App 16 § 4.B(7) App 16 § 4.C (2) & (4)
G.1.d	App 3 § 4.D(1) App 16 § 4.C(4)
G.2	BP § 6.B(24)-(26), App 16 § 4.B(7) App 16 § 4.C(1) & (2)
G.3.a	App 16 § 4.A(1) App 16 § 4.A(4) App 16 § 4.B(1-5) App 16 § 4.C(6), (9) & (10)
G.3.b	
G.4.a	App 16 § 4.B(2)-(4) App 16 § 4.C(6) & (7)
G.4.b	App 16 § 4.B(3) & (4) App 16 § 4.B(8) App 16 § 4.B(5) App 16 § 4.C(6) & (7)
G.4.c	App 16 § 4.A(2) App 16 § 4.C(8)
G.5	BP § 6.B(18)w App 16 § 4.B(7)
H.1	

**Bell Bend Nuclear Power Plant
Commonwealth of Pennsylvania NUREG 0654 Cross Reference**

NUREG-- 0654 Eval. Criterion	Commonwealth of PA SEOP/Annex E
H.2	
H.3	BP § 4.B BP § 6.A BP § 6.B(24)a(4) BP § 6.B(24)b(4) BP § 6.B(18)ee App 6, Attachment A (§1.A(1))
H.4	BP § 6.B(1)b & c BP § 6.B(24)a(2), (3) & (5) Enclosure 1, Tab A & B
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	BP § 6.B(9)g(6) App 6 § 2.B(1) App.6 § 3.D(1) App 6 § 4.C(1)-(3) App 6, Attachment A (§1.C(1)) App 6, Attachment D (§4)
H.8	
H.9	
H.10	App 5, Attachment C App 5, Attachment C, Tab 1
H.11	App 5, Chart 1 App 5 § 6.C-E App 6, Attachment C (§2(1)-(4)) App 8 § 2-4 App 5 § 6.G.2

**Bell Bend Nuclear Power Plant
Commonwealth of Pennsylvania NUREG 0654 Cross Reference**

NUREG-- 0654 Eval. Criterion	Commonwealth of PA SEOP/Annex E
H.12	BP § 4.L App 5 § 4.B App 6 § 3 App 6, Attachment A (§1.C) App 6, Attachment A (§2.B) App 6, Attachment A (§3.A(3))
I.1	
I.2	
I.3.a	
I.3.b	
I.4	
I.5	
I.6	
I.7	App 6, Attachment B, Tab 1 App 6, Attachment D (§4)
I.8	App 6
I.9	App 6, Attachment A (§4.A(1))
I.10	App 6 App 7, Attachment C (§2.B(1), (2)a-f & (3) a-f) App 7, Attachment C (§2.B(4)) App.7. Attachment C, Tab 1
I.11	App 5 § 4.B App 6 § 3.C & D App 6 § 4 App 6, Attachment A (§1.A(§2-3)) App 6, Attachment A(§1.C) App 6, Attachment A(§3-4) App 6, Attachment D(§4) App 6, Attachment G
J.1.a	

**Bell Bend Nuclear Power Plant
Commonwealth of Pennsylvania NUREG 0654 Cross Reference**

NUREG-- 0654 Eval. Criterion	Commonwealth of PA SEOP/Annex E
J.1.b	
J.1.c	
J.1.d	
J.2	App 4 § 4.E App 24 § 4.B(3)
J.3	
J.4	
J.5	
J.6.a	
J.6.b	
J.6.c	
J.7	
J.8	
J.9	App 4 § 3.A-F App 5 § 4.B App 6, Attachment E (§3.A-H) App 7, Attachment C (§1.E & F) App 7, Attachment C (§2.A-F) App 7, Attachment C, Tab1 App 7, Attachment D App 7 § 2-3
J.10.a	BP § 6.B(24)a(16) BP § 6.B(24)a(22) BP § 6.B(24)b(6) App 7 § 4.B(1)c App 24 § 3.C App 24 § 4.B(3) & (4) App 24, Attachment D (§4.B(1)-(4))
J.10.b	App 4, Attachment E
J.10.c	BP § 6.B(24)a(6) & (7) BP § 6.B(24)a(38)f-h App 3

**Bell Bend Nuclear Power Plant
Commonwealth of Pennsylvania NUREG 0654 Cross Reference**

NUREG-- 0654 Eval. Criterion	Commonwealth of PA SEOP/Annex E
J.10.d	BP § 6.B(14)c, g, & h BP § 6.B(21)a BP § 6.B(7) BP § 6.B(2) App 3 § 2.E App 3 § 4.C & D App 5 § 6.B(24)a(8)-(12) App 5 § 7
J.10.e	BP § 6.B(14)d BP § 6.B(18)dd. BP § 6.B(24)a(38)i App 5 § 4.A
J.10.f	BP § 6.B(14)e App 5 § 4.A App 5 § 6.C & G App 5, Chart 1 App 5, Attachment B App 5, Attachment B, Tab 7 App 5 § 7.B-C
J.10.g	BP § 4.P BP § 6.B(17) BP § 6.B(24) App 12
J.10.h	App 10 § 4.A
J.10.i	Evacuation Time Estimate Study (Under Separate Cover)
J.10.j	BP § 6.B Appendix 20
J.10.k	BP § 6.B App 13 § 4.B
J.10.l	Evacuation Time Estimate Study (Under Separate Cover)
J.10.m	BP § 4.J BP § 6.B App 4 App 4, Attachment M App 4, Attachment L Evacuation Time Estimate Study (Under Separate Cover)

Bell Bend Nuclear Power Plant
Commonwealth of Pennsylvania NUREG 0654 Cross Reference

NUREG-- 0654 Eval. Criterion	Commonwealth of PA SEOP/Annex E
J.11	BP § 4.V BP § 6.B App 7 App 24
J.12	BP § 6.B App 4 App 5 App 10
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	App 5 § 6
K.3.b	App 6, Attachment B, Tab 2
K.4	App 6, Attachment B
K.5.a	App 6, Attachment A
K.5.b	App 6, Attachment A
K.6.a	
K.6.b	
K.6.c	
K.7	

**Bell Bend Nuclear Power Plant
Commonwealth of Pennsylvania NUREG 0654 Cross Reference**

NUREG-- 0654 Eval. Criterion	Commonwealth of PA SEOP/Annex E
L.1	BP § 6.B App 11 App 21
L.2	
L.3	App 21
L.4	BP § 6.B(14) BP § 3.A BP § 4.F(3)
M.1	BP § 6.B(18) BP § 6.B(24) App 15
M.2	
M.3	App 15
M.4	App 15
N.1.a	BP § 4.U App 18
N.1.b	App 18 § 3 App 18 § 4 App.18 § 6 App 18, Attachment A
N.2.a	App 18
N.2.b	
N.2.c	App 18 § 1.B
N.2.d	App 18 § 1.C
N.2.e(1)	App 18 § 1.C
N.2.e(2)	App § 1.C
N.3.a	App 18 § 3.B App 18 § 4.A App 18 § Attachment A

**Bell Bend Nuclear Power Plant
Commonwealth of Pennsylvania NUREG 0654 Cross Reference**

NUREG-- 0654 Eval. Criterion	Commonwealth of PA SEOP/Annex E
N.3.b	App 18
N.3.c	App 18
N.3.d	App 18
N.3.e	App 18
N.3.f	App 18, Attachment B
N.4	App 18 § 4.A App 18 § 4.E App 18, Attachment B
N.5	App 18 § 4 F-G
O.1	BP § 4.U App 17 § 3.A-F
O.1.a	
O.1.b	BP § 6.B(24) App 17 § 4
O.2	
O.3	
O.4.a	App 17
O.4.b	App 17, Attachment A
O.4.c	BP § 2.E App 17, Attachment A
O.4.d	App 17
O.4.e	
O.4.f	App 17
O.4.g	
O.4.h	App 17

**Bell Bend Nuclear Power Plant
Commonwealth of Pennsylvania NUREG 0654 Cross Reference**

NUREG-- 0654 Eval. Criterion	Commonwealth of PA SEOP/Annex E
O.4.i	
O.4.j	App 17 App 18, Attachment C
O.5	App. 17 § 3.C
P.1	App 17
P.2	BP § 4.D
P.3	BP § 4.E BP § 4.D BP § 6.B
P.4	BP § 1.C BP § 4.D App 18, Attachment B App 21 § 3
P.5	BP § 14.A-D App 22 § 3.D
P.6	App 22
P.7	App 22 § 5.A-U
P.8	(Provided with Submittal)
P.9	
P.10	BP § 4.G BP § 1.C App 22

**COMMONWEALTH OF PENNSYLVANIA
EMERGENCY OPERATIONS PLAN
ANNEX E
RADIOLOGICAL EMERGENCY RESPONSE TO
NUCLEAR POWER PLANT INCIDENTS**

TABLE OF CONTENTS

Basic Document

1.	General	E-1
2.	Purpose	E-1
3.	Situation and Assumptions	E-3
4.	Concept of Operations	E-5
	A. General	E-5
	B. Direction and Control	E-5
	C. Policy and Guidance	E-6
	D. Plans	E-6
	E. Coordination	E-6
	F. Incident Response Actions	E-7
	G. State EOC Notification Procedures	E-7
	H. Initial Notification	E-7
	I. Activation of Notification and Alert Systems	E-8
	J. Incident Assessment	E-8
	K. Incident Escalation	E-8
	L. BRP and PEMA Liaisons to EOF	E-8
	M. Communications Failure	E-9
	N. Nuclear Power Plant Contingency	E-9
	O. County Response	E-9
	P. Evacuation Routes	E-9
	Q. American Red Cross	E-9
	R. Mass Care	E-10
	S. Premature Release of Information	E-10
	T. Public Forums	E-10
	U. Training and Exercises	E-10
	V. Ingestion Exposure Pathway EPZ	E-10
	W. Recovery	E-11
5.	Direction, Coordination and Support	E-11
	A. General	E-11
	B. Response to Nuclear Power Plant Incidents	E-12
6.	Organization and Responsibilities	E-13
	A. Organization	E-13
	B. Responsibilities	E-13
	1. Common	E-13
	2. Department of Aging	E-15
	3. Department of Agriculture	E-15

4. Department of Banking	E-17
5. Department of Community and Economic Development	E-17
6. Department of Conservation and Natural Resources	E-17
7. Department of Corrections	E-18
8. Department of Education	E-18
9. Department of Environmental Protection	E-19
10. Fish and Boat Commission	E-21
11. Game Commission	E-21
12. Department of General Services	E-21
13. Secretary for Public Information	E-22
14. Department of Health	E-22
15. Department of Insurance	E-24
16. Department of Labor and Industry	E-24
17. Department of Military and Veterans Affairs	E-25
18. Pennsylvania Emergency Management Agency	E-26
19. Pennsylvania State Police	E-30
20. Public Utility Commission	E-32
21. Department of Public Welfare	E-32
22. Department of Transportation	E-33
23. Turnpike Commission	E-34
24. County Government	E-34
25. American Red Cross	E-42
7. Communications	E-43
8. Nuclear Power Plants	E-43
9. Federal Government Support	E-43
10. Training	E-46
11. Exercises and Drills	E-46
12. References	E-46
13. Definitions and Terms	E-47
14. Distribution	E-55
Enclosure 1 – State Organization	E-57
Enclosure 2 – Primary and Support Responsibility Matrix	E-65
Enclosure 3 – Abbreviations and Acronyms	E-66
Enclosure 4 – Federal Response Management for a Radiological Event	E-68
APPENDIX 1 – Emergency Classification Level Guidelines	E-1-1
Attachment:	
A. Emergency Classification Level Guidelines for the Four Classes of Incidents	E-1-9
APPENDIX 2 – Notification Procedures	E-2-1
Attachments:	
A. Beaver Valley Power Station Notification Procedures	E-2-9
B. Limerick Generating Station Notification Procedures	E-2-10
C. Peach Bottom Atomic Power Station Notification Procedures	E-2-11

D. Susquehanna Steam Electric Station Notification Procedures	E-2-12
E. Three Mile Island Nuclear Station Notification Procedures	E-2-13
F. Emergency Notification Report – Nuclear Power Plant Incident	E-2-14
APPENDIX 3 – Public Alert and Notification	E-3-1
Attachments:	
A. Alert/Notification Timing Process	E-3-7
B. Public Alert Message by NOAA Weather Radio Station for Incidents at a Nuclear Power Plant	E-3-8
APPENDIX 4 – Protective Response	E-4-1
Attachments:	
A. Risk and Support Counties	E-4-10
B. Population Data – Beaver Valley Power Station	E-4-12
C. Population Data – Limerick Generating Station	E-4-13
D. Population Data – Peach Bottom Atomic Power Station	E-4-14
E. Population Data – Susquehanna Steam Electric Station	E-4-15
F. Population Data – Three Mile Island Nuclear Station	E-4-16
G. Plume Exposure Pathway EPZ Description for the Beaver Valley Power Station	E-4-17
H. Plume Exposure Pathway EPZ Description for the Limerick Generating Station	E-4-18
I. Plume Exposure Pathway EPZ Description for the Peach Bottom Atomic Power Station	E-4-20
J. Plume Exposure Pathway EPZ Description for the Susquehanna Steam Electric Station	E-4-22
K. Plume Exposure Pathway EPZ Description for the Three Mile Island Nuclear Station	E-4-24
L. Sheltering Information	E-4-27
M. Protective Response Flow Chart	E-4-31
APPENDIX 5 – Radiological Exposure Control	E-5-1
Attachments:	
A. Monitoring and Decontamination Procedures	E-5-19
B. Dosimetry and Potassium Iodide (KI)	E-5-34
C. Inventory and Maintenance Procedures	E-5-62
APPENDIX 6 – Bureau of Radiation Protection (BRP) Technical Assessment and Protective Actions	E-6-1
Attachments:	
A. Emergency Facilities and Equipment	E-6-7
B. BRP Emergency Organizations	E-6-13
C. Notification and Communications	E-6-18
D. Accident Assessment	E-6-21
E. Protective Response	E-6-28
F. Listing of Implementing Procedures	E-6-35

APPENDIX 7 – Ingestion Exposure Pathway Emergency Planning Zone	E-7-1
Attachments:	
A. Ingestion Exposure Pathway EPZ Counties	E-7-18
B. Pathways for Ingestion	E-7-21
C. Food Protection	E-7-22
D. Milk, Food, Feed and Forage Crop Sampling	E-7-39
E. Drinking Water Sampling	E-7-41
APPENDIX 8 – Communications	E-8-1
APPENDIX 9 – Nuclear Power Plant Responsibilities	E-9-1
APPENDIX 10 – Mass Care	E-10-1
Attachments:	
A. Mass Care Operations	E-10-5
B. Procedure for Use of the U.S. Department of Agriculture Foods for Disaster Mass Feeding	E-10-10
C. Mass Care Center (Shelter) Registration	E-10-16
D. Mass Care Activity Report	E-10-17
E. Sample Agreement for the Use of School Facilities as Mass Care Centers During Disasters	E-10-18
F. Sample Statement of Agreement Between The County Emergency Management Agency and Chapter of the American Red Cross	E-10-20
APPENDIX 11 – Health and Medical Support	E-11-1
Attachments:	
A. List of Designated MS-1 Hospitals Capable of Evaluation and Emergency Treatment of Contaminated Injured	E-11-7
B. List of Medical/Nursing Facilities Located Within the Plume Exposure Pathway Emergency Planning Zone for the Beaver Valley Power Station	E-11-11
C. List of Medical/Nursing Facilities Located Within the Plume Exposure Pathway Emergency Planning Zone for the Limerick Generating Station	E-11-13
D. List of Medical/Nursing Facilities Located Within the Plume Exposure Pathway Emergency Planning Zone for the Peach Bottom Atomic Power Station	E-11-16
E. List of Medical/Nursing Facilities Located Within the Plume Exposure Pathway Emergency Planning Zone for the Susquehanna Steam Electric Station	E-11-18
F. List of Medical/Nursing Facilities Located Within the Plume Exposure Pathway Emergency Planning Zone for the Three Mile Island Nuclear Station	E-11-21
G. Hospitals Serving in a General Support Capacity to the Beaver Valley Power Station	E-11-24

H. Hospitals Serving in a General Support Capacity to the Limerick Generating Station	E-11-25
I. Hospitals Serving in a General Support Capacity to the Peach Bottom Atomic Power Station	E-11-26
J. Hospitals Serving in a General Support Capacity to the Susquehanna Steam Electric Station	E-11-27
K. Hospitals Serving in a General Support Capacity to the Three Mile Island Nuclear Station	E-11-28
L. Sample Agreement for the Radiological Emergency Medical Service	E-11-29
APPENDIX 12 – Response By Schools and Colleges	E-12-1
APPENDIX 13 – Military Support	E-13-1
Attachments:	
A. National Guard Task Organization	E-13-3
APPENDIX 14 – Air Traffic Control	E-14-1
Attachments:	
A. Procedures for Requesting the FAA to Impose Temporary Flight Restrictions Around the Beaver Valley Power Station	E-14-5
B. Procedures for Requesting the FAA to Impose Temporary Flight Restrictions Around the Limerick Generating Station	E-14-6
C. Procedures for Requesting the FAA to Impose Temporary Flight Restrictions Around the Peach Bottom Atomic Power Station	E-14-7
D. Procedures for Requesting the FAA to Impose Temporary Flight Restrictions Around the Susquehanna Steam electric Station	E-14-8
E. Procedures for Requesting the FAA to Impose Temporary Flight Restrictions Around the Three Mile Island Nuclear Station	E-14-9
F. Sample format for a News Release About Restricted Airspace	E-14-10
G. Federal Aviation Administration Air Traffic Control Regulations for Response to Incidents at Nuclear Power Plants	E-14-11
H. Flight Restriction Operations Points per Nuclear Power Plant	E-14-17
APPENDIX 15 – Recovery (Reentry, Return and Relocation)	E-15-1
Attachment:	
A. Exclusionary and Restricted Zone Operating Procedures	E-15-27
APPENDIX 16 – Public Education and Information	E-16-1
Attachments:	
A. Sample Initial Notification EAS Announcement	E-16-8
B. Sample School Closure EAS Announcement	E-16-9
C. Sample Take Shelter EAS Announcement	E-16-10
D. Sample General Evacuation EAS Announcement	E-16-11
E. Sample School Evacuation EAS Announcement	E-16-12
F. Sample Support County Media Advisory	E-16-13
G. Sample Return Media Advisory	E-16-14

H. Sample EAS Station Media Advisory	E-16-15
I. Emergency News and Information System	E-16-16
APPENDIX 17 – Training	E-17-1
Attachment:	
A. Listing of Approved Training Programs	E-17-5
APPENDIX 18 – Exercises and Drill	E-18-1
Attachment:	
A. Scenario Development	E-18-6
B. Biennial Exercise Assessment	E-18-8
C. Drills	E-18-10
APPENDIX 19 – Banking	E-19-1
Attachment:	
A. Listing of Risk Financial Institutions for Beaver Valley Power Station	E-19-5
B. Listing of Risk Financial Institutions for Limerick Generating Station	E-19-6
C. Listing of Risk Financial Institutions for Peach Bottom Atomic Power Station	E-19-7
D. Listing of Risk Financial Institutions for Susquehanna Steam Electric Station	E-19-8
E. Listing of Risk Financial Institutions for Three Mile Island Nuclear Station	E-19-9
APPENDIX 20 – Highway, Railroad and Waterway Restrictions	E-20-1
Attachment:	
A. Pennsylvania Turnpike Routing, TMI Evacuation	E-20-8
B. Pennsylvania Turnpike Routing, Limerick Evacuation	E-20-10
C. Traffic Control Points, Barriers	E-20-12
D. Three Mile Island Closing of Turnpike Eastbound, Alternate Routes	E-20-14
E. Three Mile Island Closing of Turnpike Westbound, Alternate Routes	E-20-15
F. Limerick Closing of Turnpike Eastbound, Alternate Routes	E-20-16
G. Limerick Closing of Turnpike Westbound, Alternate Routes	E-20-17
H. Pennsylvania Turnpike Restrictions, Limerick Generating Station EAS Announcement	E-20-18
I. Pennsylvania Turnpike Restrictions, Three Mile Island, EAS Announcement	E-20-19
J. Railroads Affected by Nuclear Power Plant Incidents	E-20-20
APPENDIX 21 – Agreements	E-21-1
Attachment:	
A. Agreement Summaries	E-21-5
APPENDIX 22 – Supporting Plans and Procedures	E-22-1

APPENDIX 23 – Support to Federal Government Response Personnel E-23-1

APPENDIX 24 – Nuclear Power Plant Site Characteristics and Associated Maps E-24-1

Attachments:

A. Site Characteristics Beaver Valley Power Station	E-24-5
B. Site Characteristics Limerick Generating Station	E-24-12
C. Site Characteristics Peach Bottom Atomic Power Station	E-24-19
D. Site Characteristics Susquehanna Steam Electric Station	E-24-26
E. Site Characteristics Three Mile Island Nuclear Station	E-24-33
F. 50-Mile Radii of Nuclear Power Plants Within or Affecting Pennsylvania	E-24-40