

Attachment 1

Beaver Valley Power Station, Unit Nos. 1 and 2

Proposed Emergency Preparedness Plan Changes



The following lists the pages included within Attachment 1:

2-1*
2-2*
2-3
2-4
2-5 (Figure 2.1)

*No Change proposed. Included for context.

Section 2

SCOPE AND APPLICABILITY

Emergency Preparedness Plan

2.0 SCOPE AND APPLICABILITY

The Beaver Valley Power Station includes two 880 MWe (Gross) pressurized water reactor electrical generating units. The station is located in Shippingport Borough, Beaver County, in western Pennsylvania, about 25 miles northwest of Pittsburgh, Pennsylvania and approximately 15 miles northwest of The Pittsburgh International Airport. This Emergency Preparedness Plan applies to both BVPS Unit 1 and BVPS Unit 2.

The BVPS Emergency Preparedness Plan provides guidance for coping with both onsite and offsite emergency situations. It ranges in scope from relatively minor occurrences involving small releases of radioactive material, up to and including a major nuclear incident having significant offsite radiological consequences. This Plan, together with the interrelated State and county emergency plans, provides detailed arrangements for taking emergency measures out to a radius of at least 10 miles from BVPS. Interrelationships of this Plan with procedures, and other plans and emergency arrangements include:

- .1 BVPS Operating Procedures provide detailed instructions for the recognition and immediate response to abnormal events which are indicated by plant instrumentation. These procedures identify, in particular, initiating events which could lead to a degradation in the level of safety of the plant, and includes action statements referring the operator to the Emergency Preparedness Plan, as appropriate, which provides guidance to activate the Plan, if required. These procedures are periodically reviewed to ensure compatibility with the Emergency Preparedness Plan and Emergency Implementing Procedures.
- .2 Emergency Implementing Procedures provide detailed instructions to Site personnel for implementing the provisions of this Plan. These Emergency Implementing Procedures interrelate with the Emergency Operating Procedures and describe subsequent and supplementary actions to be taken in response to emergency conditions. A listing of the Emergency Implementing Procedures is contained in Appendix C.

Section 2 SCOPE AND APPLICABILITY

Emergency Preparedness Plan

- .3 The BVPS Radiation Protection Manual and the Radiation Protection Procedures establish the radiation protection program at the Beaver Valley Power Station by providing criteria, guidelines, and instructions for maintaining the radiation exposure of Site personnel As Low As Reasonably Achievable (ALARA) and within Federal standards (10CFR20). Specifically, the BVPS Radiation Protection Program provides for exposure control, exposure monitoring, access control, identifying radiological areas and materials, respiratory protection, contamination control, and radioactive material handling. The provisions of this radiation protection program shall be in force during emergency operations except as specifically modified by provisions in this Plan or in Emergency Implementing Procedures.
- .4 The elements of response to offsite emergency conditions are contained in the emergency plans and Emergency Operating Procedures of the responsible offsite emergency organizations. The 10-mile Emergency Planning Zone surrounding BVPS encompasses three states -- Pennsylvania, Ohio, and West Virginia -- and three counties -- Beaver County, PA; Columbiana County, OH; and Hancock County, WVA. Each county has developed their own Resource Manual which is updated periodically and referenced as needed. Continuing liaison with the emergency organizations of these jurisdictions ensures compatibility and proper interrelationship with this Plan.
- Pennsylvania Emergency Management Agency (PEMA)
 - Commonwealth of Pennsylvania Emergency Operations Plan Annex E, Radiological Emergency Response to Nuclear Power Plant Incidents
 - Department of Environmental Protection/Bureau of Radiation Protection (DEP/BRP)
 - Bureau of Radiation Protection Plan for Nuclear Generating Station Incidents (Included as part of PEMA Plan.)
 - Ohio Emergency Management Agency (OEMA)
 - State of Ohio Plan for Response to Radiation Emergencies at Licensed Nuclear Facilities
 - West Virginia Division of Homeland Security and Emergency Management (WVDHS/EM) ^{C47}

West Virginia Emergency Disaster Plan, Volume Four Response/Radiological Beaver Valley Power Station

Section 2 SCOPE AND APPLICABILITY

Emergency Preparedness Plan

- Beaver County Emergency Management Agency (BCEMA)

Beaver County Emergency Operations Plan, Annex E, Beaver Valley Power Station

- Columbiana County Emergency Management Agency (CCEMA)

Beaver Valley Site Emergency Response Plan

- Hancock County Office of Emergency Management (HCOEM)^{C47}

Beaver Valley Site Emergency Response Plan

- .5 The Coordination and liaison with offsite emergency organizations include formal agreements that individual organizations will perform their respective emergency functions in response to requests from BVPS. These Letters of Agreements will remain in effect until changed by either party. Copies of letters of such agreements are on file in the Emergency Response Section.

- .6 The 10-mile Emergency Planning Zone is shown in Figure 2.1.

Beaver County, Pennsylvania:

The EPZ is defined as the area that begins at the junction of the Ohio/Pennsylvania State Line and Pennsylvania Route 251. Follow Route 251 east to its junction with Pennsylvania Route 51. Proceed south-east on Route 51 to where it meets the north-west corporate boundary of Patterson Township. Proceed east/northeast on the Patterson Township line to the point where the White Township, Beaver Falls City, and Patterson Township corporate boundaries meet. Proceed south on the Patterson Township/Beaver Falls City corporate boundary to its junction with the Patterson Heights Borough corporate boundary. Continue southeast on the Patterson Heights/Beaver Falls City corporate boundary to the Beaver River. Proceed south on the Beaver River to the junction of the Ohio River. Proceed east, then south on the Ohio River to its intersection with the Beaver County and Allegheny County boundary. Proceed southwest on the Beaver County and Allegheny County boundary to where the Allegheny County, Beaver County, and Washington County corporate boundaries meet. Proceed west on the Beaver County and Washington County boundary to its junction with the Pennsylvania/West Virginia State Line. Proceed north on the Pennsylvania/West Virginia State line to its junction with the Ohio/West Virginia State line. Proceed north on the Ohio/Pennsylvania State line to its junction with Pennsylvania Route 251.

Section 2 SCOPE AND APPLICABILITY

Emergency Preparedness Plan

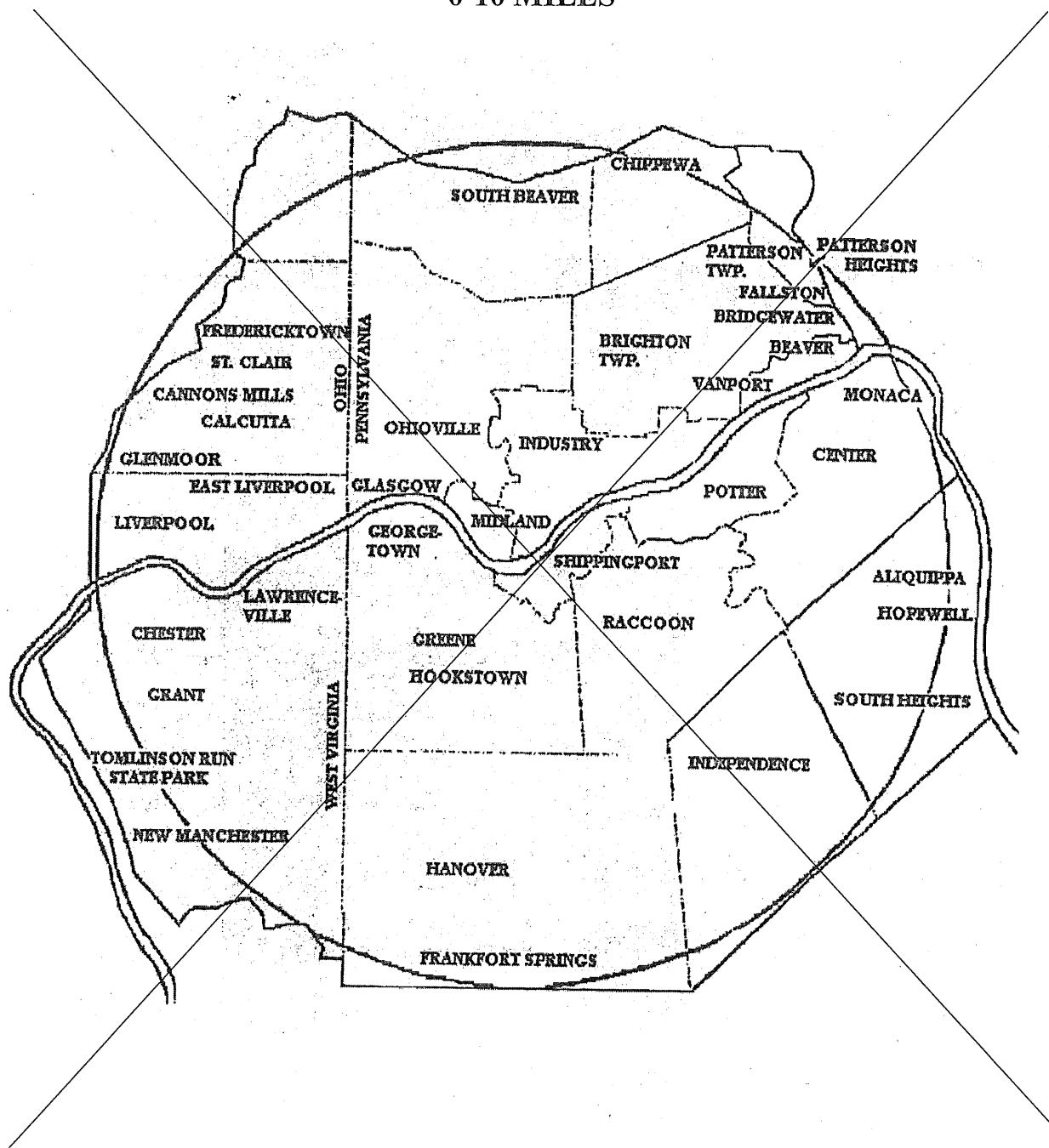
Columbiana County, Ohio:

The EPZ is defined as the area that begins in the middle of the Ohio River where Congo Road (in West Virginia) would intersect the West Virginia/Ohio State Line if it were to continue north. Proceed east on the Ohio River following the Ohio/West Virginia State line to where it would intersect Campground Road (County Highway [Co Hw] 427) if Campground Road (Co Hwy 427) continued south. Proceed north on Campground Road (Co Hwy 427) to its junction with Annesley Road (Co Hwy 963). Follow Annesley Road (Co Hwy 963) north until Annesley Road turns into Co Hwy 966. Proceed north on Annesley Road (Co Hwy 966) to its junction with East Liverpool Road (Co Hwy 425). Follow East Liverpool Road (Co Hwy 425) northwest to its junction with Cannon Mills Road (Co Hwy 1004). Follow Cannon Mills Road (Co Hwy 1004) to its junction with Sprucevale Road (Co Hwy 428). Follow Sprucevale Road (Co Hwy 428) north to its junction with Little Beaver Creek. Follow Little Beaver Creek north to its junction with Ohio Route 170. Follow Ohio Route 170 north to its junction with Pancake-Clarkson Road (Co Hwy 1031). Follow Pancake-Clarkson Road (Co Hwy 1031) east to Ohio State Line/Pennsylvania State Line.

Hancock County, West Virginia:

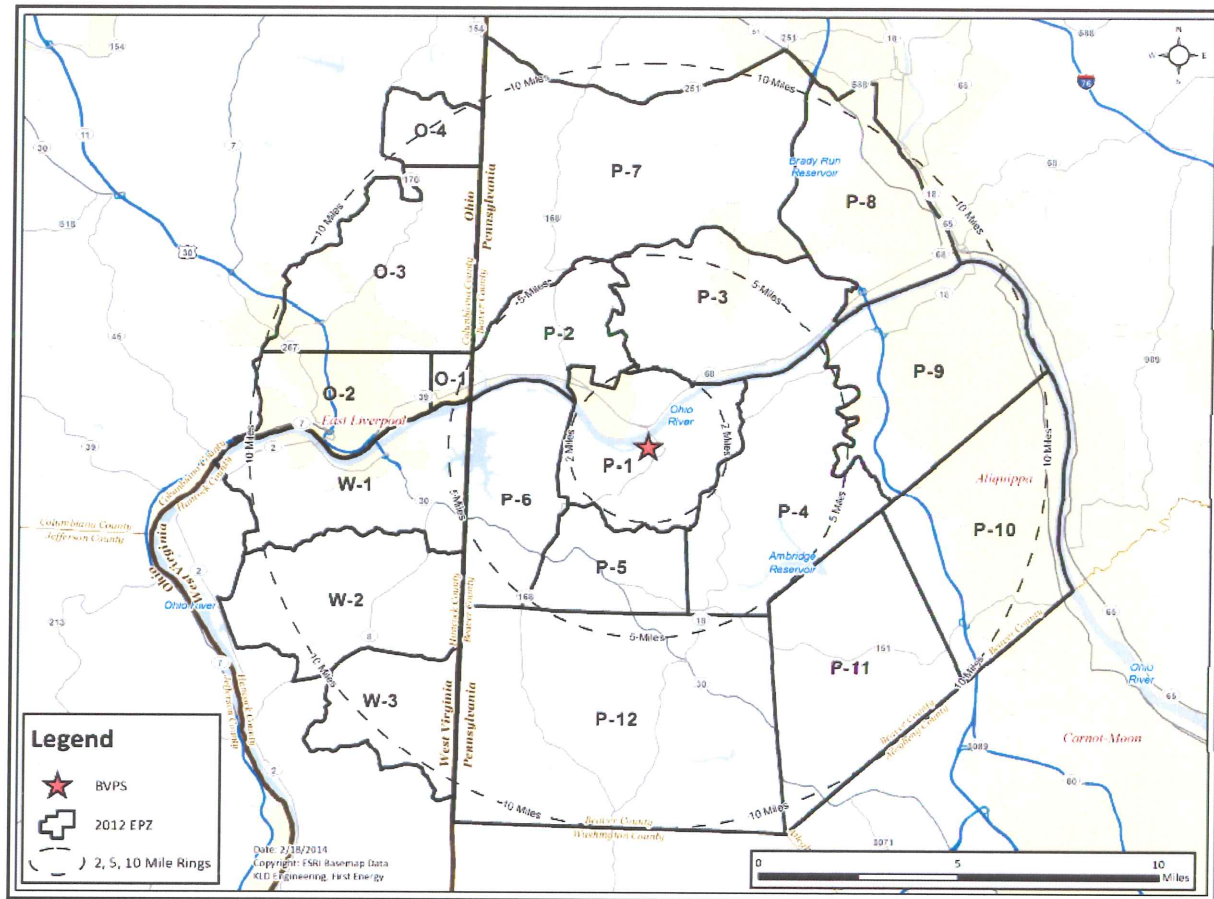
The EPZ is defined as the area that begins at the intersection of the Pennsylvania/West Virginia State Line and Shreeves Road (County Road [Co Road] 7/8). Follow Shreeves Road (Co Road 7/8) west to its junction with Cameron Hollow (Co Road 7/6). Proceed north on Cameron Hollow (Co Road 7/6) to its junction with Chapman Road (Co Road 9/2). Follow Chapman Road (Co Road 9/2) west to its junction with Wylie Ridge Road (Co Road 9). Proceed north on Wylie Ridge Road (Co Road 9) to its junction with Hardens Run (Co Road 7). Follow Hardens Run (Co Road 7) west to where it meets Mayhew Rd (Co Road 7/1). Proceed north on Mayhew Rd (Co Road 7/1) until its junction with Frankfort Road (Co Road 24). Follow Frankfort Road (Co Road 24) north until its intersection with Archer Street. Follow Archer Street until its junction with Veterans Boulevard (West Virginia State Route 8). Follow Veterans Boulevard (West Virginia State Route 8) west until its junction with Washington School Road (Co Road 3). Proceed north on Washington School Road (Co Road 3) until its junction with Ferndale Road (Co Road 3/5). Proceed west on Ferndale Road (Co Road 3/5) to a point parallel to but 1/4 mile east of Ohio River Boulevard (West Virginia State Route 2) (excludes residences along West Virginia State Route 2). Continue north parallel but 1/4 mile east of Ohio River Boulevard (West Virginia State Route 2) to White Oak Run Road (Co Road 6). Follow White Oak Run Road (Co Road 6) until its junction with Arroyo Road (Co Road 3/6). Continue north on Arroyo Road (Co Road 3/6) until the junction with Ohio River Boulevard (West Virginia State Route 2) and Congo Road. Follow Congo Road to the Ohio River, ending at the West Virginia State Line/Ohio State Line boundary.

FIG. 2.1
MAP OF BVPS EMERGENCY
PLANNING ZONE (EPZ)
0-10 MILES



Replace above figure with the following figure

Figure 2.1
BVPS 10-mile Emergency Planning Zone



Attachment 2

Beaver Valley Power Station, Unit Nos. 1 and 2

Retyped Emergency Preparedness Plan Pages

(For Information Only)

The following lists the pages included within Attachment 2:

2-3
2-4
2-5 (Figure 2.1)

Section 2 SCOPE AND APPLICABILITY

Emergency Preparedness Plan

- Beaver County Emergency Management Agency (BCEMA)

Beaver County Emergency Operations Plan, Annex E, Beaver Valley Power Station

- Columbiana County Emergency Management Agency (CCEMA)

Beaver Valley Site Emergency Response Plan

- Hancock County Office of Emergency Management (HCOEM)^{C47}

Beaver Valley Site Emergency Response Plan

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Section 2 SCOPE AND APPLICABILITY

Emergency Preparedness Plan

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Figure 2.1
BVPS 10-mile Emergency Planning Zone

