

Eric A. Larson
Site Vice President724-682-5234
Fax: 724-643-8069December 1, 2014
L-14-348

10 CFR 50.90

ATTN: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001**SUBJECT:**Beaver Valley Power Station, Unit Nos. 1 and 2
Docket No. 50-334, License No. DPR-66
Docket No. 50-412, License No. NPF-73
License Amendment Request to Modify Emergency Preparedness Plan Regarding the
Emergency Planning Zone Boundary (TAC NOS. MF4765 and MF4766)

By correspondence dated September 4, 2014 (Accession No. ML14247A512), FirstEnergy Nuclear Operating Company (FENOC) submitted a license amendment request for the Beaver Valley Power Station, Units No. 1 and No. 2 (BVPS). The proposed amendment would modify the BVPS Emergency Preparedness Plan to align the 10-mile emergency planning zone boundary with that used by the three counties surrounding BVPS.

By correspondence dated October 14, 2014 (Accession No. ML14267A079), the Nuclear Regulatory Commission requested additional information to complete the staff's review. FENOC's response to this request is included in Attachment 1.

There are no regulatory commitments contained in this submittal. If there are any questions or if additional information is required, please contact Mr. Thomas A. Lentz, Manager – Fleet Licensing, at (330) 315-6810.

I declare under penalty of perjury that the foregoing is true and correct. Executed on December 1, 2014.

Sincerely,



Eric A. Larson

Beaver Valley Power Station, Unit Nos. 1 and 2
L-14-348
Page 2

Attachments:

1. Response to Request for Additional Information
2. State and County Support Documents

cc: NRC Region I Administrator
NRC Region II Administrator
NRC Region III Administrator
NRC Resident Inspector
NRC Project Manager
Director BRP/DEP
Site BRP/DEP Representative
Executive Director, Ohio Emergency Management Agency,
State of Ohio (NRC Liaison)
Utility Radiological Safety Board
Bureau Chief, Division of Plans, Pennsylvania Emergency
Management Agency
Director, West Virginia Division of Homeland Security
Radiological Assistance Committee Chair, Federal Emergency
Management Agency, Region III
Radiological Assistance Committee Chair, Federal Emergency
Management Agency, Region V

Attachment 1

L-14-348

Response to Request for Additional Information

Page 1 of 1

By correspondence dated September 4 2014, FirstEnergy Nuclear Operating Company (FENOC) submitted a license amendment request for the Beaver Valley Power Station, Unit Nos. 1 and 2 (BVPS). The proposed amendment would modify the BVPS Emergency Preparedness Plan to align the 10-mile emergency planning zone boundary with that used by the three counties surrounding BVPS.

By correspondence dated October 14, 2014, the Nuclear Regulatory Commission (NRC) staff requested additional information to complete its review of the license amendment request. The NRC request for additional information (RAI) is presented in bold type, followed by the FENOC response.

RAI-1:

Please provide documentation from each affected State and County within the BVPS 10 mile Plume Exposure Pathway EPZ stating that they are in agreement with the proposed changes to the BVPS Emergency Plan, and that their respective Emergency Plans have been, or will be, revised accordingly to reflect the 10 mile Plume Exposure Pathway EPZ boundary as shown in the 2012 BVPS ETE study.

Response:

The affected states and counties are the Commonwealth of Pennsylvania, State of West Virginia, State of Ohio, Beaver County (Pennsylvania), Hancock County (West Virginia), and Columbiana County (Ohio). Documentation from these entities supporting the BVPS license amendment request and the status of modifying their respective emergency plans are included in Attachment 2.

ATTACHMENT 2
L-14-348

State and County Support Documents
(23 Pages Follow)

Commonwealth of Pennsylvania



October 29, 2014

FEMA Region III
Mr. John Price, Acting RAC Chair
FEMA/DHS
One Independence Mall, 6th Floor
614 Chestnut Street
Philadelphia, Pennsylvania 19106-4404

Dear Mr. Price:

Earlier this year, the First Energy Nuclear Operating Company (FENOC), Beaver Valley Power Station (BVPS) submitted a license amendment application with the U.S. Nuclear Regulatory Commission (NRC) to change the facility's emergency plan. The change in question updates the boundaries of the Emergency Planning Zone (EPZ) in the facility's emergency plan so that they are consistent with the EPZ boundaries as defined in the Beaver County Radiological Emergency Preparedness Plan.

The Commonwealth of Pennsylvania supports the proposed change to the BVPS Emergency Plan, as it will ensure continuity of planning and response efforts between the state, county and BVPS. Any and all references to the previous mapped boundaries will be updated as appropriate.

Should you have any questions or concerns please contact me at 717-651-2217 or via e-mail at abrinser@pa.gov.

Sincerely,

Alan R. Brinser
Chief, Technological Hazards Division
Pennsylvania Emergency Management Agency

cc: Mr. Glenn McKee, Manager, Fleet Emergency Preparedness, FENOC
Mr. Steve Sawtschenko, Director, Emergency Preparedness, BVPS

State of West Virginia



STATE OF WEST VIRGINIA
DEPARTMENT OF MILITARY AFFAIRS
AND PUBLIC SAFETY
DIVISION OF HOMELAND SECURITY
AND EMERGENCY MANAGEMENT
Building 1, Room EB-80
1900 Kanawha Blvd., East
Charleston, West Virginia 25305-0360
Telephone: (304) 558-5380 Fax: (304) 344-4538

EARL RAY TOMBLIN
GOVERNOR

JOSEPH C. THORNTON
CABINET SECRETARY

JIMMY J. GIANATO
DIRECTOR

October 20, 2014

FEMA Region III
Mr. John Price, Acting RAC Chair
U.S. Department of Homeland Security
One Independence Mall, 6th Floor
615 Chestnut Street
Philadelphia, PA 19106-4404


Mr. Price:

Earlier this year, the First Energy Nuclear Operating Company Beaver Valley Power Station (BVPS) submitted a license amendment application with the U.S. Nuclear Regulatory Commission (NRC) to change the facility's emergency plan. The change in question updates the boundaries of the Emergency Planning Zone (EPZ) in the facility's emergency plan so that they are consistent with the EPZ boundaries as defined in the Hancock County Radiological Emergency Preparedness Plan.

The State of West Virginia agrees with the proposed EPZ change to BVPS' Emergency Plan, as identified in the Hancock County Radiological Emergency Preparedness Plan. The West Virginia Radiological Emergency Preparedness Plan is in the process of being revised to reflect the revised EPZ identified in the Hancock County plan.

If you have any questions or concerns, please feel free to contact me at 304-558-5380 or via e-mail at Robert.L.Jelacic@wv.gov.

Sincerely,


Robert L. Jelacic
WVREP Program Manager

cc: John P. Jones, Director Hancock County OEM
Sam Paletta, BVPS
Lee Torres, FEMA III

State of Ohio



- Bureau of Motor Vehicles
- **Emergency Management Agency**
- Emergency Medical Services
- Office of Criminal Justice Services
- Ohio Homeland Security
- Ohio Investigative Unit
- Ohio State Highway Patrol



John R. Kasich, Governor
John Born, Director
Nancy J. Dragani
Executive Director

Emergency Management Agency
2855 West Dublin-Granville Road
Columbus, Ohio 43235-2206
(614) 889-7150
www.ema.ohio.gov

Dwaine K. Warren, Co-RAC Chairperson
DHS/FEMA Region V – 6th Floor
536 S. Clark St
Chicago, IL 60605

October 14, 2014

Dear Dwaine,

Earlier this year the Beaver Valley Power Station (BVPS) submitted a license amendment application with the U.S. Nuclear Regulatory Commission (NRC) to change the facility emergency plan. The change in question updates the boundaries of the Emergency Planning Zone (EPZ) in the facility emergency plan so they are consistent with the EPZ boundaries as defined in the Columbiana County Radiological Emergency Response Plan. The proposed amendment will also make the BVPS emergency response plan consistent with the State of Ohio's radiological plan which references the Columbiana County Radiological Emergency Response Plan to define the EPZ boundaries. As you know these boundaries have been in place for many years and FEMA has found them acceptable in the course of plan reviews, approved Annual Letters of Certification, and exercise evaluations. The state supports the proposed change to the BVPS emergency plan, as it will ensure that the planning and response efforts between the state, county, and BVPS remain coordinated and effective.

If you have any questions or concerns please feel free to contact me at 614-799-3687 or via e-mail at mlbear@dps.state.oh.us.

Sincerely,

Michael L. Bear
Radiological Branch Chief
Ohio Emergency Management Agency

CC: Patrick Sheehan, Operation Division Director, Ohio Emergency Management Agency
Sima Merick, Assistant Director, Ohio Emergency Management Agency
Nancy Dragani, Executive Director, Ohio Emergency Management Agency
Steve Sawtschenk, Emergency Preparedness Director, Beaver Valley Power Station
Glenn McKee, Fleet Emergency Preparedness Manager, First Energy Nuclear Operating Company

Mission Statement

"to save lives, reduce injuries and economic loss, to administer Ohio's motor vehicle laws and to preserve the safety and well being of all citizens with the most cost-effective and service-oriented methods available."

Beaver County (Pennsylvania)

EMERGENCY SERVICES



March 19, 2014

FEMA Region III
Mr. John Price, Acting RAC Chair
U.S. Department of Homeland Security
One Independence Mall, 6th Floor
615 Chestnut Street
Philadelphia, PA 19106-4404

Board of Commissioners
Tony Amadio, Chairman
Joe Spanik
Dennis E. Nichols

Mr. Price,

EMERGENCY SERVICES

351 14th Street
Ambridge, PA 15003
724-775-1700
724-266-0210, Fax

Attached to this letter is an official proposal to change the Beaver County Pennsylvania 10-Mile Emergency Planning Zone (EPZ) associated with the Beaver Valley Power Station (BVPS), located in Shippingport Pennsylvania. The package meets the requirements identified in the FEMA Radiological Emergency Preparedness Program Manual, June 2013; Part IV: Section K. Emergency Planning Zone Boundary Changes, Page IV-28.

Wesley W. Hill
Director
Randall L. Dawson
Deputy Director 9-1-1
Eric J. Brewer
Deputy Director EMA

The changes are outside of the 10-mile radius of the Beaver Valley Power Station. The new boundaries reduce the unnecessary evacuation risk without the benefits of the associated radiation dose avoidance for the public beyond 10 miles from the plant.

This proposal is being made in conjunction with the submittal of the 2014 Beaver County Emergency Response Plan Radiological Emergency Response Annex, copy enclosed. The BCREP Plan was reviewed and revised as needed to reflect the new requirements of the "FEMA Radiological Emergency Preparedness Program Manual, June 2013". The 2010 US Census Data, the 2012 Evacuation Time Estimates (ETE) and the new EPZ Boundary have been incorporated in the 2014 BCREP Plan.

As always our primary responsibility is the health and safety of the general public.

Sincerely,

Wesley Hill
Director
Beaver County EMA

Cc: Lee Torres, Tech Hazards Specialist, FEMA Reg.III

Proposal to Revise the Emergency Planning Zone for Beaver Valley Power Station in Beaver County, PA

The Beaver County Emergency Management Agency is requesting to revise the First Energy - Beaver Valley Power Station 10-mile Plume Emergency Planning Zone (EPZ). This proposal meets the requirements as outlined in FEMA Radiological Emergency Preparedness Program Manual, June 2013, Part IV, Section K in accordance with NUREG-0654/FEMA-REP-1, Revision 1.

The proposed revision has been incorporated into the "Beaver County Emergency Response Plan Radiological Emergency Response Annex Beaver Valley Power Station" (Beaver County RERP) dated March 2014 and approved by the Beaver County Board of Commissioners. The March 2014 revision to the Beaver County RERP is being submitted with this proposal for FEMA review and approval.

Description of the Change

The proposed revision is to remove a small area in the north-east area of the EPZ which is outside of the 10-mile radius of Beaver Valley Power Station (see Figure 1 and 2). The area to be removed is generally described as that area of Chippewa Township south of Darlington Rd (Rt. 588), North of Rt. 51, and north-east of the Patterson Township corporate boundary.

Basis for the Change

The proposed revision is a result of annual review of the Beaver County RERP which identified a discrepancy between maps used to identify the EPZ in the Beaver County RERP, maps used by the Pennsylvania Emergency Management Agency and maps used to develop the BVPS Evacuation Time Estimate (ETE).

The area identified for removal is a small area (less than 1 square mile) which is difficult to identify on older maps. While previous versions of the Beaver County RERP did include this area in its written description of the EPZ Boundary many maps used to display the EPZ did not include that area. Beaver County has determined that the proposed revision will provide an EPZ boundary that is more easily identifiable to both the general public and to emergency workers. Route 51 is a major thoroughfare in Beaver County, therefore using "South of Route 51 in Chippewa Township" to identify the EPZ boundary is more identifiable to the public than Rt. 588 or Darlington Rd which is a much less traveled roadway. Thus, the proposed changes to the BVPS 10-mile EPZ is an improvement because the BVPS EPZ will have improved geopolitical boundaries with clear and understandable descriptions to improve the county Emergency Management Agency's ability to communicate Protective Action Decisions to the public, which improves the overall ability to protect the health and safety of the public. Additionally the new boundaries reduce the unnecessary evacuation risk without the benefits of the associated radiation dose avoidance for the public beyond 10 miles from the plant.

Because of the discrepancies identified above, this proposed EPZ boundary was used in the *Development of Evacuation Time Estimates for the Beaver Valley Power Station* study, dated December 2012, and submitted to FEMA for approval in 2013. Therefore, the most current ETE study for BVPS has already incorporated the

proposed EPZ boundary. This proposed change would bring all Beaver County and related plans and documents into alignment with the most current ETE.

Discussion of the Population Affected by the Change

The following population figures were derived from a report provided by KLD Engineering (KLD TR-641) in response to a request by BVPS to provide an evaluation to revise the Emergency Planning Zone for all three states and counties in the BVPS Emergency Planning Zone. The data below applies only to Beaver County.

Permanent Resident Population:

The permanent resident population of the area affected by the proposed change is 714 people according to 2010 Census data. Removal of this population from the total EPZ population represents a less than 1% change in the total EPZ population.

Employee Population:

Section 2.1.2 of NUREG/CR-7002 indicates that major employers (50 or more employees working a single shift) should be considered. Major employers typically attract employees from beyond the local area to fulfill the workforce needed. There are no major employers in the proposed area of change.

Transient Population:

Transient population groups are defined as those people (who are not permanent residents, nor commuting employees) who enter the EPZ for a specific purpose (shopping, recreation). Transients may spend less than one day or stay overnight at camping facilities, hotels and motels. There are no transient populations in the proposed area of change.

Special Facility Population:

There are no schools, in-patient medical facilities or correctional facilities within the proposed area of change.

Effect of EPZ Boundary Change on Evacuation Time Estimates

The 2012 ETE Report (KLD-495) for Beaver Valley Power Station used the Dynamic Evacuation (DYNEV) model to compute the ETE. The input streams for the 2012 ETE analysis were updated based on the proposed EPZ change and simulations were re-run to compute ETE. The decrease in population for the proposed EPZ did not impact the 90th percentile ETE for any of the scenarios considered. As per Section 4.0 of NUREG/CR-7002, protective action recommendations and decisions should be based on the 90th percentile ETE. Thus, the proposed change in the EPZ boundary would not impact protective action recommendations and decisions.

As stated above, there are no Special Facilities in the proposed area of change, therefore there is no impact on the Special Facility ETE.

Conclusion

The proposed area of elimination is a very small area of the BVPS EPZ and is outside of the 10-mile radius of the Beaver Valley Power Station. The proposed EPZ change has no impact on evacuation time estimates or protective action decisions. Plans/procedures, maps of the EPZ and public information material have already been updated (pending approval) or will be updated with their next publication and release cycle to reflect the proposed change. The proposed change has no impact on the primary alert and notification system (sirens), but will reduce the amount of time necessary to perform back alert and notification (route alerting).

This proposed EPZ change will bring into alignment all State, County, Local, and Utility plans and documents which previously were in discrepancy. Beaver County Emergency Management also believes that the proposed boundary is readily identifiable to the public when publishing emergency materials and making emergency announcements for the general public. This change will enhance Beaver County's ability to adequately protect the health and safety of the public.

Additionally, since the proposed changes are outside of the 10-mile radius from Beaver Valley Power Station, the new boundaries reduce the unnecessary evacuation risk without the benefits of the associated radiation dose avoidance for the public beyond 10 miles from the plant.

Map showing Current and Proposed EPZ Boundary in Beaver County



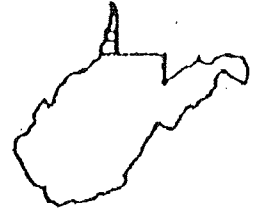
Map showing Close up of Area to Be Removed and 10-Mile Radius Boundary



Hancock County (West Virginia)



HANCOCK COUNTY
OFFICE OF EMERGENCY MANAGEMENT
P.O. BOX 884 • 102 COURT ST. • NEW CUMBERLAND, WV 26047
(304) 564-4040 • FAX (304) 564-4031



March 21, 2014

FEMA Region III
Mr. John Price, Acting RAC Chair
U.S. Department of Homeland Security
One Independence Mall, 6th Floor
615 Chestnut Street
Philadelphia, PA 19106-4404

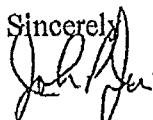
Mr. Price,

Attached to this letter is an official proposal to change the Hancock County, West Virginia 10 Mile Emergency Planning Zone (EPZ) associated with the Beaver Valley Power Station (BVPS), located in Shippingport, Pennsylvania. The package meets the requirements identified in the FEMA Radiological Emergency Preparedness Program Manual, June 2013; Part IV: FEMA REP Program Administration, Section K. Emergency Planning Zone Boundary Changes, Page IV-28.

The proposed changes to the BVPS 10-mile EPZ is an improvement because the BVPS EPZ will have improved geopolitical boundaries with clear and understandable descriptions to improve the county Emergency Management Agency's ability to communicate Protective Action Decisions to the public, which improves the overall ability to protect the health and safety of the public. The changes are outside of the 10-mile radius from Beaver Valley Power Station. The new boundaries reduce the unnecessary evacuation risk without the benefits of the associated radiation dose avoidance for the public beyond 10 miles from the plant.

This proposal is being made in conjunction with the submittal of the 2014 Hancock County Radiological Emergency Preparedness Plan, copy enclosed. The HCREP Plan was reviewed and revised as needed to reflect the new requirements of the "FEMA Radiological Emergency Preparedness Program Manual, June 2013". The 2010 US Census Data, the 2012 Evacuation Time Estimates (ETE) and the new EPZ Boundary have been incorporated in the 2014 HCREP Plan.

As always our primary responsibility is the health and safety of the general public.

Sincerely,

John P. Jones
Director, HCOEM

CC: Lee Torres

Proposal to Revise the Emergency Planning Zone for Beaver Valley Power Station in Hancock County West Virginia

Request

The Hancock County Office of Emergency Management (HCOEM) is requesting to revise the First Energy - Beaver Valley Power Station 10-mile Plume Emergency Planning Zone (EPZ). This proposal meets the requirements as outlined in FEMA Radiological Emergency Preparedness Program Manual, June 2013, Part IV, Section K in accordance with NUREG-0654/FEMA-REP-1, Revision 1.

The proposed revision has been incorporated into the "Hancock County Radiological Emergency Response Plan" (Hancock County RERP) dated 2014. The 2014 revision to the Hancock County RERP is being submitted with this proposal for FEMA review and approval.

Description of the Change

The proposed revision changes the western border of the EPZ in Hancock County, West Virginia in two (2) locations. In neither instances do these slight reductions to the boundary dip inside the 10 Mile Radius.

First Area (Small area west of West Virginia sub-area W-3):

- Starting at the intersection of Hardens Run Road and Mayhew Road
- Proceed up Mayhew Road until its junction with Frankfort Road.
- Follow Frankfort Road until it intersects with Archer Street.
- Follow Archer Street until its junction with West Virginia State Route 8.
- Follow West Virginia State Route 8 south until its junction with Washington School Road.
- Proceed North on Washington School Road until its junction with Ferndale Road.
- Proceed West on Ferndale Road to a point parallel to but ¼ mile east of WV State Route 2.

NOTE: The description of "a point parallel to but ¼ mile east of WV State Route 2" is a carryover from the original EPZ description. It connects the First Area to the Second Area.

Proposal to Revise the Emergency Planning Zone for Beaver Valley Power Station in Hancock County West Virginia

Second Area (Small area west of West Virginia sub-area W-1 and southwest of West Virginia sub-area W-2):

- Starting at a point parallel to but ¼ mile east the intersection of WV State Route 2 and White Oak Run Road.
- Follow White Oak Run Road until its junction with Arroyo Road.
- Continue North on Arroyo Road until the junction with WV State Route 2 and Congo Road.
- Follow Congo Road to the Ohio River, ending at the WV State Line / Ohio State Line boundary.

Basis for the Change

The northern portion of Hancock County is located within the Beaver Valley Power Station Emergency Planning Zone. This is a rural area.

When the Beaver Valley Power Station Emergency Planning Zone was originally established in the early 1980's it was difficult to establish the Hancock County portion of the EPZ due to lack of road names for the County Road System. Due to limited roads with names, the EPZ was made larger than necessary in order to establish an "Identifiable Boundary". Since then, Hancock County has initiated and completed the "Rural Addressing Program". The purpose of this program was to name all of the roads within the county so, when dispatched; Emergency Responders (Police, Fire, Emergency Medical, etc) could more easily identify and find locations. These new road names have been in place for several years and easily recognizable by the general public. With Rural Addressing in place it became easier to identify the actual EPZ Boundary within Hancock County. Thus, the proposed changes to the BVPS 10-mile EPZ is an improvement because the BVPS EPZ will have improved geopolitical boundaries with clear and understandable descriptions to improve the county Emergency Management Agency's ability to communicate Protective Action Decisions to the public, which improves the overall ability to protect the health and safety of the public. Additionally the new boundaries reduce the unnecessary evacuation risk without the benefits of the associated radiation dose avoidance for the public beyond 10 miles from the plant.

The process of changing the EPZ Boundary began in 2010. By starting then, it allowed the 2012 ETE (Evacuation Time Estimate) to be based on the new boundary. The 2012 ETE is based on the 2010 US Census using the new EPZ Boundary.

The 2012 ETE became effective in June 2013; at that point the Hancock County Radiological Emergency Preparedness Plan was reviewed and revised as needed to reflect the new requirements in the "FEMA Radiological Emergency Preparedness Program Manual, June 2013". The 2010 US Census Data, the 2012 ETE and the new EPZ Boundary have been incorporated into the 2014 HCREP Plan.

Proposal to Revise the Emergency Planning Zone for Beaver Valley Power Station in Hancock County West Virginia

Discussion of the Population Affected by the Change

The following population figures were derived from a report provided by KLD Engineering (KLD TR-641) in response to a request by BVPS to provide an evaluation to revise the Emergency Planning Zone for all three states and counties in the BVPS Emergency Planning Zone. The data below applies only to Hancock County, WV.

Permanent Resident Population:

The Permanent Resident Population, shown below, for both the 1985 EPZ Population and the 2012 EPZ Population is based on the 2010 U.S. Census data. The permanent resident population of the area affected by the proposed change is 1,148 people according to 2010 Census data.

Sub Area	1985 EPZ Population	2012 EPZ Population	Difference	% Change
W-1	6,364	6,173	191	-3
W-2	2,335	2,109	226	-10%
W-3	1,897	1,166	731	-39
Total	10,596	9,448	1,148	-11%

Employee Population:

Section 2.1.2 of NUREG/CR-7002 indicates that major employers (50 or more employees working a single shift) should be considered. Major employers typically attract employees from beyond the local area to fulfill the workforce needed. There are no major employers in the proposed area of change.

Transient Population:

Transient population groups are defined as those people (who are not permanent residents, nor commuting employees) who enter the EPZ for a specific purpose (shopping, recreation). Transients may spend less than one day or stay overnight at camping facilities, hotels and motels. There are no transient populations in the proposed area of change.

Proposal to Revise the Emergency Planning Zone for Beaver Valley Power Station in Hancock County West Virginia

Special Facility Population:

There are no medical facilities or correctional facilities within the proposed area of change.

The John D. Rockefeller IV Career Center, often referred to as the Vo Tech, is outside the EPZ in both the old EPZ description and the new EPZ description.

Effect of EPZ Boundary Change on Evacuation Time Estimates

The 2012 ETE Report (KLD-495) for Beaver Valley Power Station used the Dynamic Evacuation (DYNEV) model to compute the ETE. The input streams for the 2012 ETE analysis were updated based on the proposed EPZ change and simulations were rerun to compute ETE. The decrease in population for the proposed EPZ did not impact the 90th percentile ETE for any of the scenarios considered. As per Section 4.0 of NUREG/CR-7002, protective action recommendations and decisions should be based on the 90th percentile ETE. Thus, the proposed change in the EPZ boundary would not impact protective action recommendations and decisions.

As stated above, there are no Special Facilities in the proposed area of change, therefore there is no impact on the Special Facility ETE.

Conclusion

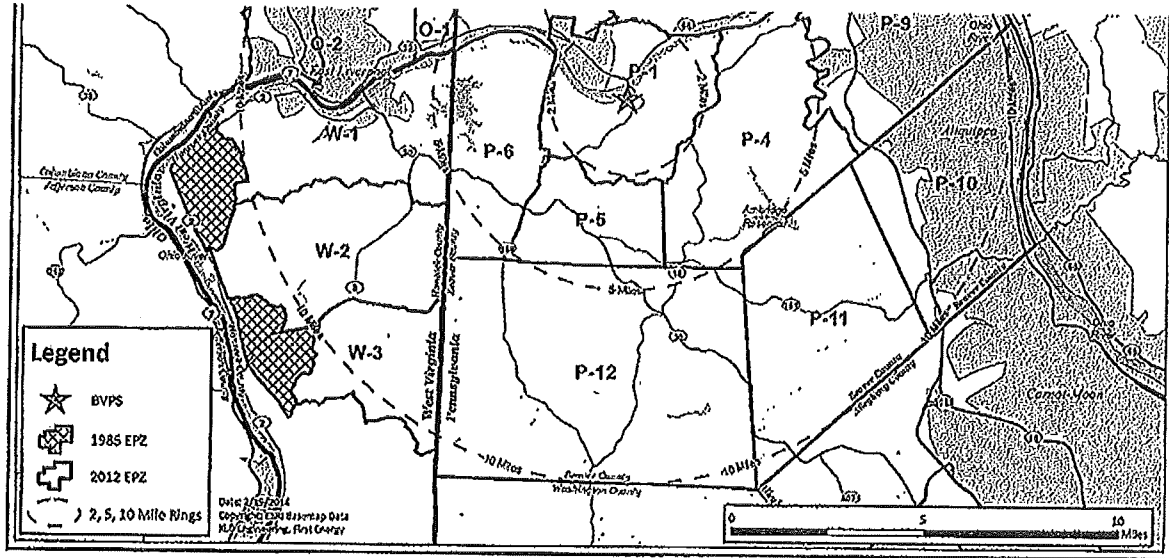
The proposed area of elimination is a very small area of the BVPS EPZ and is outside of the 10-mile radius. The proposed EPZ change has no impact on evacuation time estimates or protective action decisions. Plans/procedures, maps of the EPZ and public information material have already been updated (pending approval) or will be updated with their next publication and release cycle to reflect the proposed change.

This proposed EPZ change will bring into alignment all State, County, Local, and Utility plans and documents which previously were in discrepancy. Hancock County Office of Emergency Management also believes that the proposed boundary is readily identifiable to the public when making publishing emergency materials and making emergency announcements for the general public. This change will enhance Hancock County's ability to adequately protect the health and safety of the public.

Additionally, since the proposed changes are outside of the 10-mile radius from Beaver Valley Power Station, the new boundaries reduce the unnecessary evacuation risk without the benefits of the associated radiation dose avoidance for the public beyond 10 miles from the plant.

Proposal to Revise the Emergency Planning Zone for Beaver Valley Power Station in Hancock County West Virginia

HC EPZ Population Difference Map



Columbiana County (Ohio)



215 South Market Street
Lisbon, Ohio 44432
Phone: 330-424-9725
Fax: 330-424-9267

May 22, 2014

Columbiana County EPZ Boundary

The purpose of this letter is to confirm that the Columbiana County Emergency Planning Zone (EPZ) Boundary that is described in the 2012 Beaver Valley Power Station Evacuation Time Estimate (ETE) is correct.

The Columbiana County EPZ boundary, which aligns with the 2012 ETE, has been utilized for approximately 20 years. This EPZ boundary is included in the Columbiana County REP Plan and all public information is based on this boundary.

At this point, the Columbiana County Emergency Management Agency has no intentions of changing the EPZ Boundary from its current configuration.

Sincerely,

S. Luke Newbold
Director, Columbiana County Emergency Management Agency