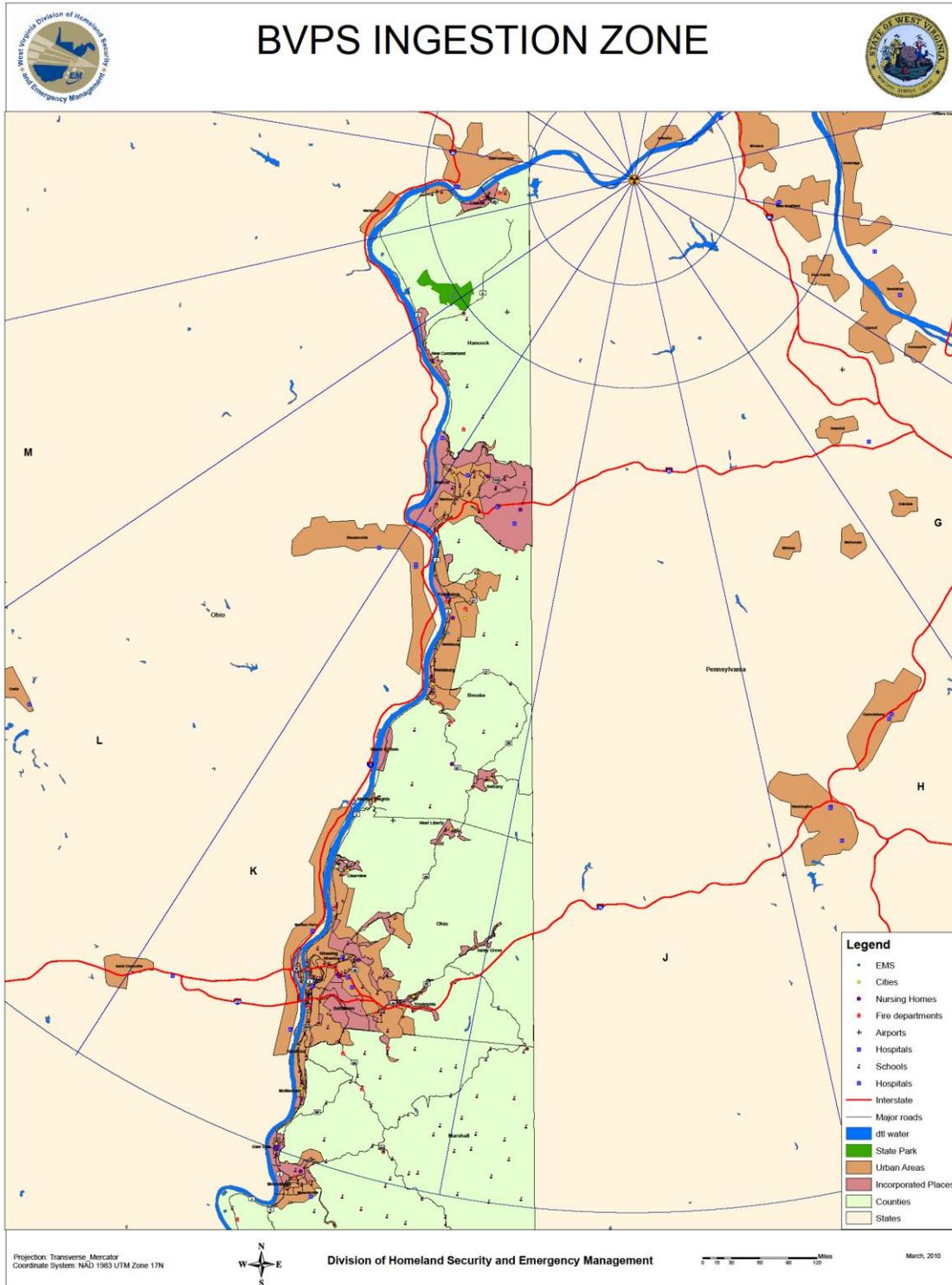


# *ATTACHMENTS*

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**Annex 16 – Attachment A**



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## ANNEX 16 - ATTACHMENT B: PROTECTIVE ACTIONS

### A. Introduction

1. Protective actions for the Ingestion Exposure Pathway EPZ are designed to reduce risk from consumption of radiologically contaminated food and water by humans and livestock.
2. The need to implement protective actions in the event of a nuclear power plant accident will be determined on a case-by-case basis.
3. Protective action recommendations are designed to be implemented within minutes, hours or days from the time the need to act is recognized. The recommended actions should be continued long enough to avoid as much of the projected dose as possible.
4. Determination of when to cease a protective action must be made on a case-by-case basis considering the radiological incident and the food supply contaminated.

### B. General Information

1. Protective Action Guides (PAGs)
  - a. PAGs represent FDA or EPA judgments on the projected doses resulting from external exposure, inhalation, and consumption of foodstuffs or water during a radiological incident at which protective action should be taken
  - b. A basic assumption in the development of protective actions is that the condition requiring their implementation is unusual and should not occur frequently.
  - c. A PAF never implies an acceptable dose. The PAG is based on a dose projection and is used to minimize the risk from an event. If an event has occurred, Protective Action Decisions based on PAGs should be implemented to reduce the impact on already exposed or yet to be exposed populations. Protective actions should be implemented as soon as possible to be most effective.
  - d. To permit flexibility of actions in minimizing radiation exposure to the public via the food pathway caused by a radiological incident, the FDA has adopted guidance levels for radionuclide activity concentrations for food stuffs.
2. Response Levels Equivalent to PAGs
  - a. The basic PAG recommendations are given in terms of projected dose equivalents. It is more convenient to use specific radionuclide concentrations upon which to initiate protective actions. The Food and Drug Administration (FDA) Derived Intervention Levels (DIL) are equivalent to the PAGs for radionuclides of interest in the ingestion exposure pathway EPZ. They are accepted by the state and will be used in any ingestion exposure incident.

(1) PAGs:

The 1998 FDA document (Attachment C) redefined a PAG as the “committed effective dose equivalent or committed dose equivalent to an individual organ or tissue that warrants protective action following a release of radionuclides.” The 1998 FDA document replaced the Preventative and Emergency PAGs with on set of PAGs for the ingestion pathway.

The PAGs established are 5 mSv (0.5rem) for committed effective dose equivalent or 50 mSv (5 rem) committed dose equivalent to an individual tissue or organ, whichever is more limiting (i.e. the most limiting PAG results in the lowest level of radionuclide activity concentration in food).

(2) Response Levels for Drinking Water PAGs:

The State of West Virginia recognizes that drinking water may be contaminated in an incident at Beaver Valley Power Station. The state will use established PAGs for food in determining the safety of water.

3. Implementation

Protective actions will be implemented as appropriate if the PAG is exceeded for the radionuclides listed. The Bureau of Public Health (or designee) will perform the procedure for estimating projected total intake as part of formulating protective action recommendations for the ingestion pathway radionuclide.

4. Implementing Protective Actions when PAGs exceeded:

Actions are appropriate when the health benefit associated with the achievable reduction in dose outweighs the undesirable health, economic and social factors. Protective actions listed below should be considered by the state for implementation in order to reduce the consequences in the ingestion pathway if the PAGs are exceeded. Several of the actions are easily implemented and may be considered for implementation as precautionary measures during the time period when post-plume data are being evaluated, or when it is reasonable to assume from early field data that the level of radioactive material in the environment is likely to approach or exceed the PAGs. Once protective actions are initiated, they continue for a time period sufficient to mitigate the radiological consequences.

a. Protective Actions

(1) For pasture: Removal of lactating dairy cows from contaminated pasture and substitution of uncontaminated stored feed. Substitute source of covered uncontaminated water. Do not use surface waters.

(2) For milk: Withholding of milk exceeding PAGs from the market.

Disposition of the milk would be addressed depending upon the situation at the time of the incident and after evaluation by WVDHHR and the Department of Agriculture in coordination with WVDHSEM.

Storage for prolonged times at reduced temperatures also is feasible provided ultrahigh temperature pasteurization techniques are employed for processing.

- (3) For fruits and vegetables: Washing, brushing, scrubbing or peeling to remove surface contamination.

Preservation by canning, freezing and dehydration or storage to permit radioactive decay of short-lived radionuclides.

- (4). For grains: Milling and polishing.

- (5) For drinking water: Avoid use of contaminated surface water (streams, lakes, and ponds) for human and animal consumption.

Limit ingestion of potable water until source has been approved for consumption.

Use bottled water and canned beverages and juices as water sources.

- (6) For other food products: Process to remove surface contamination.

- (7) For meat and meat products: Intake of Cesium-134 and Cesium-137 by an adult via the meat pathway may exceed that of the milk pathway; therefore, levels of cesium in milk which approach the "response level" should cause surveillance and protective actions for meat as appropriate.

- (8) For animal feed other than pasture: Actions should be on a case-by-case basis taking into consideration the relationship between the radionuclide concentration in the animal feed and the concentration of the radionuclide in human food.

b. Additional Protective Actions

Responsible officials from the Department of Agriculture will isolate food-exceeding PAGs to preclude its introduction into commerce and determine whether condemnation or another disposition is appropriate. Before taking this action, the following factors will be considered:

- (1) The availability of other possible protective actions.
- (2) The relative proportion of the total diet by weight represented by the item in question.
- (3) The importance of the particular food in nutrition and the availability of uncontaminated food or substitutes having the same nutritional properties.
- (4) The time and effort required to implement corrective action.

Note: This listing of protective actions serves as an example of potential protective actions and is not all inclusive.. Not all protective actions will be implemented in every event.

5. Recovery

Consideration will be given to removing restriction on harvesting, processing and consumption of food and water on a case-by-case basis. Criteria include verification of termination of the release and a measurable and consistent decline in concentrations of radionuclides in commodities. Removal of restrictions will be directed by the governor or his designee, based upon recommendations from WVDHSEM in coordination with WVDHHR and the Department of Agriculture. In addition, the assistance of federal agencies, including EPA and FDA, will be used, as needed.

**ANNEX 16 - ATTACHMENT C:**

**RECOVERY/INGESTION ZONE - PRE-SCRIPTED ADVISORIES**

Generic advisories were prepared to assist in the timely dissemination of ingestion-related precautions and restrictions to the public. The advisories can be modified as needed based on the circumstances at the time of issue.

The State Recovery Task Force (SRTF) will issue the advisory(ies) based on recommendations of the state and federal personnel and conditions in the ingestion counties at the time of the incident. Before any advisory is issued, the chairperson or his designee of the SRTF must “sign-off” on the advisory.

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**CONCURRENCE: DO NOT INITIAL UNTIL ALL BLANKS ARE FILLED IN**

\_\_\_\_\_ WV Bureau for Public Health \_\_\_\_\_ WV Department of Agriculture)

\_\_\_\_\_ WV Department of Natural Resources \_\_\_\_\_ SRTF CHAIRPERSON

**ADVISORY # 1A - GROWING SEASON PRECAUTIONARY RESTRICTIONS**

**PRECAUTIONARY RESTRICTIONS ISSUED**

Because of the incident at the Beaver Valley Power Station, state officials are placing precautionary restrictions on certain activities and the consumption of locally-available food and water in the following areas:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

This advisory (changes / does not change) boundaries issued in a previous advisory.

The State agencies issuing these precautionary restrictions include the WV Bureau for Public Health, the WV Department of Agriculture, and the WV Department of Natural Resources. The precautionary restrictions include the following:

- No transport, sale, processing or consumption of locally-produced foods including vegetables, fruit, eggs, poultry, livestock, milk, honey, grain and animal feed.
- No activities such as plowing, cultivating or harvesting which could resuspend contaminating materials and create a health hazard for the farmer.
- No hunting, trapping or fishing activity appropriate to the season or food use of fish and wildlife from the area.
- No use of water drawn from public water supplies that could result in ingestion, such as drinking, washing food, cooking or bathing. Bottled water, water stored in containers before the incident occurred or water present in the hot water tank (switch off heat source) may be used until other arrangements (such as a public water dispensing station) can be made. Water drawn from a deep well or other protected source is exempted but cisterns supplied by run-off are not.

These advisories do not apply to foodstuffs and water obtained before the release of contaminating material from the power station. The food already in your home or place of business is safe for consumption.

In addition, all lactating (dairy) animals should be taken off pasture, sheltered (kept under roof) and placed on stored feed and on well water or other protected water supply, wherever possible. If space permits, secondary consideration should be given to egg-producing fowl, breeding stock, and other livestock and poultry, in that order. If you do not have enough room to house all of your animals, keep the best stock inside and put the others in small, dry pens with the animals as close as possible without overcrowding.

If possible, cover feed and/or hay that is stored outdoors. Store as much water as possible by covering wells, rain barrels, tanks and other storage containers.

These restrictions are only a precautionary action. Monitoring teams will determine the actual extent of the contamination. Additional information will be provided as it become available.



If possible, cover feed and/or hay that is stored outdoors. Store as much water as possible by covering wells, rain barrels, tanks and other storage containers.

These restrictions are only a precautionary action. Monitoring teams will determine the actual extent of the contamination. Additional information will be provided as it become available.

CONCURRENCE: DO NOT INITIAL UNTIL ALL BLANKS ARE FILLED IN

\_\_\_\_\_ SRTF CHAIRPERSON

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**ADVISORY # 1C - ENTRY INTO RECOVERY PHASE**

**STATE BEGINS RECOVER ACTIONS**

Officials from the State of West Virginia, in coordination with federal agencies, are involved in an intensive environmental monitoring program as the result of the incident at the Beaver Valley Power Station.

Farmers and other food producers in the following areas are advised not to destroy any food products unless they are spoiled or otherwise advised by the appropriate State agency.

These areas include: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

State and federal teams will be collecting samples for lab analyses in these areas. Additional information will be provided as it becomes available.

CONCURRENCE: DO NOT INITIAL UNTIL ALL BLANKS ARE FILLED IN

\_\_\_\_\_ SRTF CHAIRPERSON

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**ADVISORY # 1D - ESSENTIAL WORKER RE-ENTRY**

**EVACUATED AREA OPENED FOR ESSENTIAL WORKERS**

Limited access to the following areas, evacuated as a result of the incident at the Beaver Valley Power Station, is now available to those with a legitimate need, such as farmers who must care for livestock. These areas include:

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This advisory ( changes / does not change ) boundaries issued in a previous advisory.

A Re-entry Verification and Orientation Center has been established at\_\_\_\_\_. People needing to return to their homes or place of business to perform essential tasks must report to the re-entry center for processing before entering the restricted area. When reporting to the center, bring photo identification and, if available, proof of residency or business within the area.

**CONCURRENCE:** DO NOT INITIAL UNTIL ALL BLANKS ARE FILLED IN

\_\_\_\_\_ WVBPH

\_\_\_\_\_ SRTF CHAIRPERSON

\_\_\_\_\_ WV Department of Agriculture

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**ADVISORY # 2A (LIVESTOCK/POULTRY) -  
SHELTERING ADVISORY FOR TEN-MILE RADIUS**

**PRECAUTIONARY SHELTERING ADVISED FOR LIVESTOCK AND POULTRY  
WITHIN A TEN-MILE RADIUS OF NUCLEAR POWER STATION**

The Directors of the WV Bureau for Public Health and Department of Agriculture recommend that, as a precaution, all lactating (dairy) animals within a ten-mile radius of the Beaver Valley Power Station be taken off pasture, sheltered (kept under roof) and placed on stored feed and well water or other protected water supply, whenever possible. This advisory covers:

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This precautionary action is being recommended now so that if the situation at the power station worsens and protective actions for the general public are necessary, farmers will not delay in taking those actions by taking the time necessary to care for their animals.

Dairy animals should be sheltered first. If space permits, secondary consideration should be given to egg-producing fowl, breeding stock, and other livestock and poultry, in that order.

If you do not have enough room to house all of your animals, keep the best stock inside and put the others outdoors in small, dry pens with the animals as close as possible without overcrowding.

If possible, cover feed and/or hay that is stored outdoors. Store as much water as possible by covering wells, rain barrels, tanks and other storage containers and protecting cisterns from run-off sources. Provide sheltered animals with an ample supply of stored feed and water from these protected sources.

This precautionary advisory remains in place until further notice. Additional information will be provided as it becomes available.

**CONCURRENCE:** DO NOT INITIAL UNTIL ALL BLANKS ARE FILLED IN

\_\_\_\_\_ WVBPH

\_\_\_\_\_ SRTF CHAIRPERSON

\_\_\_\_\_ WV Department of Agriculture

**ADVISORY # 2B (LIVESTOCK/POULTRY) - SHELTERING ADVISORY CONTINUED**

**SHELTERING ADVISORY REMAINS IN PLACE  
FOR LIVESTOCK AND POULTRY**

The WV Bureau for Public Health and Department of Agriculture are advising farmers in the following areas that, as a precaution, they should continue to shelter livestock and poultry or make provisions for keeping them on stored feed and covered water supplies and off open pasture. These areas include:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Eggs and milk from these areas should be stored until they can be sampled by lab analysis. Do not dispose of the milk or eggs unless they are spoiled or you are advised to do so.

An intensive state and federal monitoring program is presently underway. As the results of this monitoring program are received and analyzed, State officials will lift this advisory for those areas where it is no longer appropriate.

Additional information will be provided as it becomes available.

**CONCURRENCE:** DO NOT INITIAL UNTIL ALL BLANKS ARE FILLED IN

\_\_\_\_\_ WVBPH

\_\_\_\_\_ SRTF CHAIRPERSON

\_\_\_\_\_ WV Department of Agriculture

**ADVISORY # 2C (LIVESTOCK/POULTRY) - BAN PLACED ON  
LIVESTOCK/POULTRY/AGRICULTURAL PRODUCTS**

**BAN PLACED ON THE SALE, TRANSPORT, PROCESSING, AND  
CONSUMPTION OF LIVESTOCK, POULTRY AND AGRICULTURAL PRODUCTS**

The WV Bureau for Public Health and Department of Agriculture have placed a ban on the sale, transport, processing or consumption of Grade A and Grade B milk and milk products; poultry and eggs; and, meat and meat products originating from the following areas:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

This advisory ( changes / does not change ) boundaries issued in a previous advisory.

Milk and eggs from animals and poultry in these areas should be stored until sampled for lab analysis. Do not dispose of these items unless they are spoiled or you are advised otherwise.

An intensive state and federal monitoring program has determined that these areas may have received contamination as a result of the incident at the Beaver Valley Power Station. As more information is received and analyzed, state officials will lift this ban for those areas where it is no longer appropriate. Farmers, manufacturers or processors with contaminated products will be advised on a case-by-case basis of appropriate actions to take.

The boundaries established by this advisory are conservative. DO NOT ASSUME YOUR FARM, FLOCK OR HERD ARE CONTAMINATED. TAKE NO ACTIONS UNTIL ADVISED BY THE STATE AGENCY THAT GOVERNS YOUR OPERATION. Only a lab analysis of samples can determine appropriate actions to take.

Additional information will be provided as it becomes available.

CONCURRENCE: DO NOT INITIAL UNTIL ALL BLANKS ARE FILLED IN

\_\_\_\_\_ WVBPH

\_\_\_\_\_ SRTF CHAIRPERSON

\_\_\_\_\_ WV Department of Agriculture

**ADVISORY # 2D (LIVESTOCK/POULTRY) - BAN PLACED ON  
LIVESTOCK/POULTRY/AGRICULTURAL PRODUCTS CONTINUES**

**BAN PLACED ON THE SALE, TRANSPORT, PROCESSING, AND  
CONSUMPTION OF LIVESTOCK, POULTRY AND AGRICULTURAL PRODUCTS CONTINUES**

The ban placed earlier by the WV Bureau for Public Health and Department of Agriculture on the sale, transport, processing or consumption of Grade A and Grade B milk and milk products; poultry and eggs; and, meat and meat products originating from the following areas remains in place:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Milk and eggs from animals and poultry in these areas should be stored until sampled for lab analysis. Do not dispose of these items unless they are spoiled or you are advised otherwise.

An intensive state and federal monitoring program has determined that these areas may have received contamination as a result of the incident at the Beaver Valley Power Station. As more information is received and analyzed, state officials will lift this ban for those areas where it is no longer appropriate. Farmers, manufacturers or processors with contaminated products will be advised on a case-by-case basis of appropriate actions to take.

The boundaries established by this advisory are conservative. DO NOT ASSUME YOUR FARM, FLOCK OR HERD ARE CONTAMINATED. TAKE NO ACTIONS UNTIL ADVISED BY THE STATE AGENCY THAT GOVERNS YOUR OPERATION. Only a lab analysis of samples can determine appropriate actions to take.

Additional information will be provided as it becomes available.

**CONCURRENCE:** DO NOT INITIAL UNTIL ALL BLANKS ARE FILLED IN

\_\_\_\_\_ WVBPH

\_\_\_\_\_ SRTF CHAIRPERSON

\_\_\_\_\_ WV Department of Agriculture

**ADVISORY # 2E (LIVESTOCK/POULTRY) - SHELTERING ADVISORY LIFTED**

**SHELTERING ADVISORY FOR LIVESTOCK AND POULTRY LIFTED**

The WV Bureau for Public Health and Department of Agriculture are advising farmers in the following areas that it is no longer necessary to shelter livestock or poultry or make provisions for keeping them on stored feed and covered water supplies and off open pasture. These areas include:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

This advisory ( changes / does not change ) boundaries issued in a previous advisory.

An intensive state and federal monitoring program has determined that these areas were not contaminated by the incident at the Beaver Valley Power Station and that sheltering livestock and poultry is not necessary. As additional results of this monitoring program are received and analyzed, State officials will lift the sheltering advisory for other areas where it is no longer appropriate.

Further details will be provided as they become available.

**CONCURRENCE:** DO NOT INITIAL UNTIL ALL BLANKS ARE FILLED IN

\_\_\_\_\_ WVBPH

\_\_\_\_\_ SRTF CHAIRPERSON

\_\_\_\_\_ WV Department of Agriculture

**ADVISORY # 2F (LIVESTOCK/POULTRY) - LIVESTOCK DECONTAMINATION**

**ADVISORY ISSUED ON LIVESTOCK DECONTAMINATION**

Officials from the WV Bureau for Public Health and Department of Agriculture are advising farmers in the following areas of actions to take to reduce the amount of contamination livestock may have received during the incident at the Beaver Valley Power Station.

These areas include:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

As a precaution, livestock in these areas should be washed down, using soap and water, to remove any loose contamination. When washing the animals, handlers should wear protective clothing similar to what is worn when applying pesticides to prevent personal contamination.

For additional information on this process, contact the County Cooperative Extension Service agent.

**CONCURRENCE:** DO NOT INITIAL UNTIL ALL BLANKS ARE FILLED IN

\_\_\_\_\_ WVBPH

\_\_\_\_\_ SRTF CHAIRPERSON

\_\_\_\_\_ WV Department of Agriculture

**ADVISORY # 2G (LIVESTOCK/POULTRY) - BAN LIFTED**

**BAN LIFTED ON THE SALE, TRANSPORT, PROCESSING AND CONSUMPTION  
OF LIVESTOCK, POULTRY AND AGRICULTURAL PRODUCTS**

The WV Bureau for Public Health and Department of Agriculture have lifted a ban placed earlier on the sale, transport, processing and consumption of Grade A and Grade B milk and milk products; poultry and eggs; meat and meat products that originated in the following areas:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

This advisory (changes / does not change) boundaries issued in a previous advisory.

The ban was established earlier for those areas that might have received contamination as a result of the incident at the Beaver Valley Power Station. Milk, eggs, animals and poultry in these areas have since been checked and determined to be safe for consumption and/or handling.

Additional information will be provided as it becomes available.

CONCURRENCE: DO NOT INITIAL UNTIL ALL BLANKS ARE FILLED IN

\_\_\_\_\_ WVDNR

\_\_\_\_\_ SRTF CHAIRPERSON

**ADVISORY # 3A (WATER) - BAN ON USE**

**BAN AGAINST CONSUMPTION OF PUBLIC DRINKING WATER ISSUED**

Because of the incident at the Beaver Valley Power Station, the WV Department of Natural Resources is advising against the consumption of water from public supply systems in the following areas:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

This advisory ( changes / does not change ) boundaries issued in a previous advisory.

This advisory covers drinking, cooking, bathing and other uses that may result in the internal ingestion of water. The water may be used for flushing waste or watering ornamental (non-edible) plants. This ban remains in effect until testing reveals that the water is safe to use.

Bottled water or soft drinks, water in containers filled before the contamination event (including hot water tanks with intake valve and heat source shut off) or uncontaminated water brought in from outlying communities or areas not impacted by the radiological event should be substituted

Public water dispensing stations will be established (AS THE NEED IS DETERMINED/AT).

Private water supplies from deep wells or cisterns protected from run-off sources would not be included in this advisory.

This advisory remains in effect until sampling and lab analysis can be performed. Additional information will be provided as it becomes available.

CONCURRENCE: DO NOT INITIAL UNTIL ALL BLANKS ARE FILLED IN

\_\_\_\_\_ WVDNR

\_\_\_\_\_ SRTF CHAIRPERSON

**ADVISORY # 3B (WATER) - BAN CONTINUES**

**PUBLIC DRINKING WATER BAN REMAINS IN PLACE**

The WV Department of Natural Resources' advisory placed earlier on the consumption of water from public supply sources in areas impacted by the incident at the Beaver Valley Power Station is still in effect for the following areas:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

This ban covers drinking, cooking, bathing and other uses that may result in the internal ingestion of water. The water may be used for flushing waste or watering ornamental (non-edible) plants. This ban remains in effect until testing reveals that the water is safe to use.

Bottled water or soft drinks, water in containers filled before the contamination event (including hot water tanks with inlet valves and heat source shut off) or uncontaminated water brought in from outlying communities or areas not impacted by the radiological event should be substituted. Public water dispensing stations have been set up at:

\_\_\_\_\_  
\_\_\_\_\_

Home or businesses with a water softening/purification system should still have their water monitored prior to use. Private water supplies from deep wells or cisterns protected from run-off sources would not be included in this advisory.

This advisory remains in effect until further notice. Additional information will be provided as it becomes available.

CONCURRENCE: DO NOT INITIAL UNTIL ALL BLANKS ARE FILLED IN

\_\_\_\_\_ WVDNR

\_\_\_\_\_ SRTF CHAIRPERSON

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**ADVISORY # 3C (WATER) - BAN LIFTED**

**BAN ON PUBLIC DRINKING WATER CONSUMPTION LIFTED**

The WV Department of Natural Resources has lifted the advisory placed on the consumption of water from public supplies in the following areas:

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This advisory ( changes / does not change ) boundaries issued in a previous advisory.

This ban, placed as a result of the incident at the Beaver Valley Power Station, covered drinking, cooking, bathing and other uses that could have resulted in the internal ingestion of water. Testing has since proven that the water is safe to use.

CONCURRENCE: DO NOT INITIAL UNTIL ALL BLANKS ARE FILLED IN

\_\_\_\_\_ WVDNR

\_\_\_\_\_ SRTF CHAIRPERSON

**ADVISORY # 4A (PRODUCE/FRUIT) - BAN ISSUED**

**BAN ISSUED ON CONSUMPTION, SALE, TRANSPORT AND  
PROCESSING OF PRODUCE AND FRUIT**

Because of the incident at the Beaver Valley Power Station, the WV Department of Agriculture has issued a ban on the consumption, sale, transport and processing of all fruits and produce grown within the following areas:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

This advisory ( changes / does not change ) boundaries issued in a previous advisory.

This advisory remains in place until monitoring and analysis determines areas where produce and fruits are safe for consumption. Do not destroy produce or fruits unless they are spoiled or you are advised by state officials to do so. The boundaries for this advisory are conservative. Do not assume your fruit or produce is contaminated just because you are within the advisory boundaries.

Additional information will be provided as it becomes available.

CONCURRENCE: DO NOT INITIAL UNTIL ALL BLANKS ARE FILLED IN

\_\_\_\_\_ WVDA

\_\_\_\_\_ SRTF CHAIRPERSON

**ADVISORY # 4B (PRODUCE/FRUIT) - BAN CONTINUES**

**BAN ISSUED ON CONSUMPTION, SALE, TRANSPORT AND PROCESSING OF PRODUCE AND FRUIT REMAINS IN PLACE**

The WV Department of Agriculture's ban placed on the consumption, sale, transport and processing of all fruits and produce grown in the following areas remains in place:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

This advisory ( changes / does not change ) boundaries issued in a previous advisory.

This advisory issued because of the incident at the Beaver Valley Power Station, remains in place until sampling and lab analysis determines where produce and fruits are safe for consumption. Priority for monitoring will be given to those crops ready for harvest.

Do not destroy produce or fruits unless they are spoiled or you are advised by state officials to do so. The boundaries for this advisory are conservative. Do not assume your fruit or produce is contaminated just because you are within the advisory boundaries.

Additional information will be provided as it becomes available.

**CONCURRENCE:** DO NOT INITIAL UNTIL ALL BLANKS ARE FILLED IN

\_\_\_\_\_ WVDA

\_\_\_\_\_ SRTF CHAIRPERSON

**ADVISORY # 4C (PRODUCE/FRUIT) - PRECAUTIONARY ADVISORY ON WASHING PRODUCE/FRUIT BEFORE CONSUMPTION**

**PRECAUTIONS ON WASHING PRODUCE AND FRUIT BEFORE CONSUMPTION ISSUED**

The WV Department of Agriculture has issued an advisory that allows consumption of fruits and produce grown within the following areas but only if certain precautions are taken. These areas include:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

This advisory ( changes / does not change ) boundaries issued in a previous advisory.

Precautions include:

- Fresh produce may be eaten after skins or leaves on green vegetables are removed and the remainder washed thoroughly.
- Potatoes, melons, root crops, peas and beans would require normal cleaning.
- Fruit should be washed and, if appropriate, peeled before eating.

This advisory remains in place until monitoring and analysis can be performed to determine areas where produce and fruits may be consumed without restrictions. This advisory replaces a previous ban on consumption issues as a precaution after the incident at the Beaver Valley Power Station.

Additional information will be provided as it becomes available.

CONCURRENCE: DO NOT INITIAL UNTIL ALL BLANKS ARE FILLED IN

\_\_\_\_\_ WVDA

\_\_\_\_\_ SRTF CHAIRPERSON

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**ADVISORY # 4D - BAN LIFTED**

**BAN LIFTED ON CONSUMPTION, SALE, TRANSPORT AND  
PROCESSING OF PRODUCE AND FRUIT**

The WV Department of Agriculture's ban placed earlier on the consumption, sale, transport and processing of all fruits and produce grown in the following areas has been lifted:

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This advisory ( changes / does not change ) boundaries issued in a previous advisory.

Sampling and lab analysis has determined that these areas where produce and fruits are safe for consumption and not affected by the incident at the Beaver Valley Power Station.

Additional information will be provided as it becomes available.

**CONCURRENCE:** DO **NOT** INITIAL UNTIL ALL BLANKS ARE FILLED IN

\_\_\_\_\_ WVDA

\_\_\_\_\_ SRTF CHAIRPERSON

**ADVISORY # 5A (HONEY) - BAN ISSUED**

**BAN ON TRANSPORT/SALE/CONSUMPTION OF HONEY ISSUED**

Because of the incident at the Beaver Valley Power Station, the WV Department of Agriculture has banned the transport, sale or consumption of honey originating in the following areas:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

This advisory ( changes / does not change ) boundaries issued in a previous advisory.

Sampling and lab analysis has identified the possibility of contamination at levels that exceed permissible limits. Bee keepers will be contacted on a case-by-case basis to determine appropriate actions. Honey collected prior to the contaminating event is safe for consumption and is not covered by this advisory.

The boundaries established for this advisory are conservative. Do not assume your hives are contaminated just because they are within the boundaries established by this advisory. Do not take any actions without the advice or assistance of state officials.

This advisory remains in effect until further notice. Additional information will be provided as it becomes available.

CONCURRENCE: DO NOT INITIAL UNTIL ALL BLANKS ARE FILLED IN

\_\_\_\_\_ WVDA

\_\_\_\_\_ SRTF CHAIRPERSON

**ADVISORY # 5B (HONEY) - BAN CONTINUES**

**BAN ON TRANSPORT/SALE/CONSUMPTION OF HONEY CONTINUES**

Because of the incident at the Beaver Valley Power Station, the WV Department of Agriculture's ban on the transport, sale or consumption of honey originating in the following areas continues:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

This advisory ( changes / does not change ) boundaries issued in a previous advisory.

Sampling and lab analysis has confirmed the presence of contamination at levels that exceed permissible limits. Bee keepers are being contacted on a case-by-case basis to determine appropriate actions. Honey collected before the contaminating event is safe for consumption and is not covered by this advisory.

The boundaries established for this advisory are conservative. Do not assume your hives are contaminated just because they are within the boundaries established by this advisory. Do not take any actions without the advice or assistance of state officials.

This advisory remains in effect until further notice. Additional information will be provided as it becomes available.

CONCURRENCE: DO NOT INITIAL UNTIL ALL BLANKS ARE FILLED IN

\_\_\_\_\_ WVDA

\_\_\_\_\_ SRTF CHAIRPERSON

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**ADVISORY # 5C (HONEY) - BAN LIFTED**

**BAN ON TRANSPORT/SALE/CONSUMPTION OF HONEY LIFTED**

The WV Department of Agriculture's ban on the transport, sale or consumption of honey originating in the following areas has been lifted:

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This advisory ( changes / does not change ) boundaries issued in a previous advisory.

The advisory was placed as a result of the incident at the Beaver Valley Power Station. Sampling and lab analysis has confirmed that the honey is safe for consumption. An on-going monitoring program will continue to ensure that honey produced in the area remains safe.

CONCURRENCE: DO NOT INITIAL UNTIL ALL BLANKS ARE FILLED IN

\_\_\_\_\_ WVDA

\_\_\_\_\_ SRTF CHAIRPERSON

**ADVISORY # 6A - (CULTIVATION/HARVESTING) - BAN ISSUED**

**BAN ISSUED ON CULTIVATION/HARVESTING ACTIVITIES**

Because of the incident at the Beaver Valley Power Station, the WV Department of Agriculture are cautioning farmers against cultivation or harvesting activities in the following areas:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

This advisory ( changes / does not change ) boundaries issued in a previous advisory.

State and federal monitoring teams have determined that sufficient quantities of contamination are present to the extent that it creates a health hazard associated with the resuspension of contamination caused by cultivation or harvesting activities.

State and federal officials will provide information and guidance based upon each area's particular circumstances. As a precaution, the boundaries selected for this advisory area are conservative. Do not assume that your crops are contaminated just because they are within this advisory's boundaries. Do not take any actions until you are advised to do so by state or federal officials.

This advisory remains in effect until further notice. Additional information will be provided as it becomes available.

CONCURRENCE: DO NOT INITIAL UNTIL ALL BLANKS ARE FILLED IN

\_\_\_\_\_ WVDA

\_\_\_\_\_ SRTF CHAIRPERSON

**ADVISORY # 6B - (CULTIVATION/HARVESTING) - BAN CONTINUES**

**BAN ON CULTIVATION AND HARVESTING ACTIVITIES CONTINUES**

Because of the incident at the Beaver Valley Power Station, the WV Department of Agriculture's advisory against cultivation or harvesting activities in the following areas remains in place:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

This advisory ( changes / does not change ) boundaries issued in a previous advisory.

State and federal monitoring teams have determined that sufficient quantities of contamination are present in these areas to the extent that a health hazard is created associated with the resuspension of contamination caused by cultivation or harvesting activities. State officials are providing information on appropriate actions to take on a case-by-case basis. As a precaution, the boundaries selected for this advisory area are conservative. Do not assume that crops or fields are contaminated just because they fall within this advisory's boundaries. Farmers in these areas should not take any actions until advised to do so by state or federal officials.

This advisory remains in effect until further notice. Additional information will be provided as it becomes available.

CONCURRENCE: DO NOT INITIAL UNTIL ALL BLANKS ARE FILLED IN

\_\_\_\_\_ WVDA

\_\_\_\_\_ SRTF CHAIRPERSON

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**ADVISORY # 6C - (CULTIVATION/HARVESTING) - BAN LIFTED**

**BAN LIFTED ON CULTIVATION/HARVESTING ACTIVITIES**

The WV Department of Agriculture's advisory against cultivation or harvesting activities because of the incident at the Beaver Valley Power Station has been lifted in the following areas:

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This advisory ( changes / does not change ) boundaries issued in a previous advisory.

State and federal monitoring teams have determined that there is no contamination in these areas that could create a health hazard associated with the resuspension of contamination caused by cultivation or harvesting activities.

CONCURRENCE: DO NOT INITIAL UNTIL ALL BLANKS ARE FILLED IN

\_\_\_\_\_ WVDA

\_\_\_\_\_ SRTF CHAIRPERSON

**ADVISORY # 7A - (GRAIN/FEED) - BAN ISSUED**

**BAN PLACED ON TRANSPORT, SALE AND PROCESSING OF  
GRAIN AND ANIMAL FEED**

Because of the incident at the Beaver Valley Power Station, the WV Department of Agriculture has issued a ban on the consumption, sale or transport of all grain and animal feed originating from the following areas:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

This advisory ( changes / does not change ) boundaries issued in a previous advisory.

The boundaries established by this advisory are conservative. Do not assume that your grain or animal feed is contaminated just because they are within this advisory's boundaries.

This ban remains in place until sampling and analysis can be performed to determine areas where grain and animal feed may be contaminated.

Additional information will be provided as it becomes available.

CONCURRENCE: DO NOT INITIAL UNTIL ALL BLANKS ARE FILLED IN

\_\_\_\_\_ WVDA

\_\_\_\_\_ SRTF CHAIRPERSON

**ADVISORY # 7B - (GRAIN/FEED) - BAN CONTINUES**

**BAN PLACED ON TRANSPORT/SALE/PROCESSING OF  
GRAIN AND ANIMAL FEED CONTINUES**

The WV Department of Agriculture's ban placed on the consumption, sale or transport of all grain and animal feed originating from the following areas remains in effect:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

This advisory ( changes / does not change ) boundaries issued in a previous advisory.

The boundaries established by this advisory are conservative. Do not assume that your grain or animal feed is contaminated just because you are within the advisory boundaries.

This ban remains in place until sampling and lab analysis can be performed to determine areas where grain and animal feed may be contaminated. Priority for monitoring will be given to those crops ready for harvest.

Additional information will be provided as it becomes available.

CONCURRENCE: DO NOT INITIAL UNTIL ALL BLANKS ARE FILLED IN

\_\_\_\_\_ WVDA

\_\_\_\_\_ SRTF CHAIRPERSON

**ADVISORY # 7C - (GRAIN/FEED) - BAN LIFTED**

**BAN LIFTED ON TRANSPORT/SALE/PROCESSING OF  
GRAIN AND ANIMAL FEED**

The WV Department of Agriculture's ban placed earlier on the consumption, sale or transport of all grain and animal feed originating from the following areas has been lifted:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

This advisory ( changes / does not change ) boundaries issued in a previous advisory.

Sampling and lab analysis has determined that these areas where grain and animal feed are safe for consumption.

**CONCURRENCE:** DO NOT INITIAL UNTIL ALL BLANKS ARE FILLED IN

\_\_\_\_\_ WVDNR (FISH & WILDLIFE)

\_\_\_\_\_ SRTF CHAIRPERSON

**ADVISORY # 8A - (FISH AND WILDLIFE) - BAN ON HUNTING/TRAPPING**

**HUNTING AND TRAPPING SEASON CLOSED**

As a result of the incident at the Beaver Valley Power Station, the Chief of the WV Department of Natural Resources, Division of Wildlife, upon the advice and direction of the Director of the WV Bureau for Public Health, has closed the taking of wildlife by hunting and trapping in the following areas:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

This advisory ( changes / does not change ) boundaries issued in a previous advisory.

Sampling and lab analysis has established that wildlife found in these areas may be contaminated. An intensive monitoring program is underway by state and federal agencies. Upon verification from the WV Bureau for Public Health that wildlife from the area are safe for food use and/or handling, this season closure may be lifted where it is no longer appropriate.

Additional information will be provided as it becomes available.

CONCURRENCE: DO NOT INITIAL UNTIL ALL BLANKS ARE FILLED IN

\_\_\_\_\_ WVDNR (FISH & WILDLIFE)

\_\_\_\_\_ SRTF CHAIRPERSON

**ADVISORY # 8B - (FISH AND WILDLIFE) - BAN ON FISHING**

**FISHING RESTRICTIONS PLACED**

As a result of the incident at the Beaver Valley Power Station, the Chief of the WV Department of Natural Resources, Division of Wildlife, upon the advice and direction of the Director of the WV Bureau for Public Health, has closed all fishing in the following waters of the state:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

This advisory ( changes / does not change ) boundaries issued in a previous advisory.

Sampling and lab analysis has established that fish and aquatic wild animals from the water areas listed above may be contaminated. Upon verification that the fish and aquatic wild animals are safe for food use and/or handling, this closure may be lifted for those areas where it is no longer appropriate.

Additional information will be provided as it becomes available.

**CONCURRENCE:** DO NOT INITIAL UNTIL ALL BLANKS ARE FILLED IN

\_\_\_\_\_ WVDNR (FISH & WILDLIFE)

\_\_\_\_\_ SRTF CHAIRPERSON

**ADVISORY # 8C - (FISH AND WILDLIFE) - BAN ON RECREATIONAL USE OF WATER**

**USE OF RECREATIONAL WATER AREAS RESTRICTED**

Because of the incident at the Beaver Valley Power Station, the Director of the WV Bureau for Public Health, in cooperation with the WV Department of Natural Resources, has restricted use of recreational water areas for the following:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

This advisory (changes / does not change) boundaries issued in a previous advisory.

Recreational use refers to boating, swimming, diving or any other activity that may cause the ingestion of water. An intensive monitoring and sampling program is now in progress. As the results of this program are received and interpreted, this restriction will be lifted for those areas where it is no longer appropriate.

Additional information will be provided as it becomes available.

CONCURRENCE: DO NOT INITIAL UNTIL ALL BLANKS ARE FILLED IN

\_\_\_\_\_ WVDNR (FISH & WILDLIFE)

\_\_\_\_\_ SRTF CHAIRPERSON

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**ADVISORY # 8D - (FISH AND WILDLIFE) - RESTRICTIVE ACTIONS FOR  
HUNTING AND TRAPPING CONTINUES**

**SEASON CLOSURE ON HUNTING AND TRAPPING CONTINUES**

Because of the incident at the Beaver Valley Power Station, the season closure against all hunting or trapping remains in place for the following areas:

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Monitoring has determined that wildlife from these areas could potentially be contaminated and unsafe for food use and/or handling. When it is determined that the wildlife is safe, the season closure will be lifted for those areas where it is no longer appropriate.

Additional information will be provided as it becomes available.

CONCURRENCE: DO NOT INITIAL UNTIL ALL BLANKS ARE FILLED IN

\_\_\_\_\_ WVDNR (FISH & WILDLIFE)

\_\_\_\_\_ SRTF CHAIRPERSON

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**ADVISORY # 8E - (FISH AND WILDLIFE) - RESTRICTIVE ACTIONS FOR FISHING CONTINUES**

**FISHING RESTRICTIONS STILL IN PLACE**

Because of the incident at the Beaver Valley Power Station, the restrictions placed on fishing remain in place for the following waters:

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Monitoring has determined that fish and aquatic wild animals from these waters could potentially be contaminated and unsafe for food use and/or handling. When it is determined that the fish and aquatic wildlife is safe, the restrictions on fishing will be lifted for those areas where it is no longer appropriate.

Additional information will be provided as it becomes available.

**CONCURRENCE:** DO NOT INITIAL UNTIL ALL BLANKS ARE FILLED IN

\_\_\_\_\_ WVDNR (FISH & WILDLIFE)

\_\_\_\_\_ SRTF CHAIRPERSON

**ADVISORY # 8F - (FISH AND WILDLIFE) - RESTRICTIVE ACTIONS ON RECREATIONAL USE OF WATER CONTINUES**

**RESTRICTIVE ACTIONS ON USE OF RECREATIONAL WATER AREAS CONTINUES**

Because of the incident at the Beaver Valley Power Station, the Director of the WV Bureau for Public Health, in cooperation with the WV Department of Natural Resources, is continuing the restrictions placed on the use of recreational water areas for the following:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

This advisory ( changes / does not change ) boundaries issued in a previous advisory.

Recreational use refers to boating, swimming, diving or any other activity that may cause the ingestion of water. An intensive monitoring and sampling program is now in progress. As the results of this program are received and interpreted, this restriction will be lifted for those areas where it is no longer appropriate.

Additional information will be provided as it becomes available.

CONCURRENCE: DO NOT INITIAL UNTIL ALL BLANKS ARE FILLED IN

\_\_\_\_\_ WVDNR (FISH & WILDLIFE)

\_\_\_\_\_ SRTF CHAIRPERSON

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**ADVISORY # 8G - (FISH AND WILDLIFE) - HUNTING AND TRAPPING  
SEASON REOPENED**

**HUNTING AND TRAPPING SEASON CLOSURE LIFTED**

The hunting and trapping season closure, issued because of the incident at the Beaver Valley Power Station, has been lifted for the following areas:

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This advisory ( changes / does not change ) boundaries issued in a previous advisory.

Sampling and lab analysis has determined that wildlife from these areas are safe for food use and/or handling.

**CONCURRENCE:** DO NOT INITIAL UNTIL ALL BLANKS ARE FILLED IN

\_\_\_\_\_ WVDNR (FISH & WILDLIFE)

\_\_\_\_\_ SRTF CHAIRPERSON

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**ADVISORY # 8H - (FISH AND WILDLIFE) - FISHING SEASON RESTRICTIONS LIFTED**

**FISHING SEASON RESTRICTIONS LIFTED**

Fishing season restrictions issued because of the incident at the Beaver Valley Power Station, have been lifted for the following waters:

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This advisory ( changes / does not change ) boundaries issued in a previous advisory.

Sampling and lab analysis has determined that fish and aquatic wild animals from these areas are safe for food use and/or handling.

CONCURRENCE: DO NOT INITIAL UNTIL ALL BLANKS ARE FILLED IN

\_\_\_\_\_ WVDNR (FISH & WILDLIFE)

\_\_\_\_\_ SRTF CHAIRPERSON

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**ADVISORY # 8I - (FISH AND WILDLIFE) - BAN ON RECREATIONAL  
USE OF WATER LIFTED**

**RESTRICTIVE ACTIONS ON USE OF RECREATIONAL WATER AREAS LIFTED**

Restrictions placed on the use of recreational water areas because of the incident at the Beaver Valley Power Station, have been lifted for the following areas:

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This advisory ( changes / does not change ) boundaries issued in a previous advisory.

Results of a monitoring and sampling program determined that restrictions could be lifted for these areas.

**CONCURRENCE:** DO NOT INITIAL UNTIL ALL BLANKS ARE FILLED IN

\_\_\_\_\_ WVBPH

\_\_\_\_\_ SRTF CHAIRPERSON

\_\_\_\_\_ WVDA

**ADVISORY # 9A (COMPUTER BULLETIN BOARD VERSION) - SHELTERING  
ADVISORY FOR LIVESTOCK/POULTRY WITHIN TEN-MILE RADIUS**

**PRECAUTIONARY SHELTERING ADVISED FOR LIVESTOCK AND POULTRY  
WITHIN A TEN-MILE RADIUS OF NUCLEAR POWER STATION**

The Directors of the WV Bureau for Public Health and Department of Agriculture recommend that, as a precaution, all lactating (dairy) animals within a ten-mile radius of the Beaver Valley Power Station be taken off pasture, sheltered (kept under roof) and placed on stored feed and ground water supplies, whenever possible. This advisory covers:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

This precautionary action is being recommended now so that if the situation at the power station worsens and protective actions for the general public are necessary, farmers will not delay in taking those actions by taking the time necessary to care for their animals.

Dairy animals should be sheltered first. If space permits, secondary consideration should be given to egg-producing fowl, breeding stock, and other livestock and poultry, in that order.

Some form of sheltering is better than none. The best protection is in a structure that has masonry or stone walls and is stocked with hay or bagged feed. When animals are enclosed, remember:

- Do not overcrowd
- Do not allow them to become overheated
- Allow some air ventilation
- Provide water and feed from protected sources

If room enough to house all of your animals is not available, keep the best stock inside and put the others outdoors in small, dry pens with the animals as close as possible without overcrowding. Animals can also be herded into a ravine, cave, culvert, or wooded area. While not ideal, all of these options will provide some protection.

If possible, cover feed and/or hay that is stored outdoors. Store as much water as possible by covering wells, rain barrels, tanks and other storage containers and protecting cisterns from run-off sources. Provide sheltered animals with an ample supply of stored feed and water from these protected sources.

This precautionary advisory remains in place until further notice. Additional information will be provided as it becomes available.

**CONCURRENCE:** DO NOT INITIAL UNTIL ALL BLANKS ARE FILLED IN

\_\_\_\_\_ WVBPH

\_\_\_\_\_ SRTF CHAIRPERSON

\_\_\_\_\_ WVDA

**ADVISORY # 9B (COMPUTER BULLETIN BOARD VERSION) - SHELTERING  
ADVISORY CONTINUED FOR LIVESTOCK/POULTRY**

**SHELTERING ADVISORY REMAINS IN PLACE FOR LIVESTOCK AND POULTRY**

The WV Bureau for Public Health and Department of Agriculture are advising farmers in the following areas to continue to shelter livestock and poultry or to make provisions for keeping them stored feed and covered water supplies and off open pasture. These areas include:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

While there is no longer any radioactive material being released from the power station, State and federal monitoring teams must still determine exactly where the material that was released earlier was deposited. If livestock or poultry are allowed to feed in the open (where deposition of radioactive materials occurred) or drink contaminated water, the milk, eggs or meat from these animals may exceed federal guidelines for consumption.

To lessen the possibility of contamination, livestock and poultry must be kept off open feeding areas and away from food supplies and water that could be contaminated until monitoring teams check the area. **DO NOT ASSUME YOUR FARM IS CONTAMINATED JUST BECAUSE YOU ARE LOCATED WITHIN THE ADVISORY AREA.** As a precaution, advisories are issued using conservative boundaries. These boundaries may extend beyond the actual area where levels exceed federal guidelines. Follow your normal routine but store milk and eggs until advised otherwise by the state agency that governs your operation.

Grain stored in a permanent bin, hay in a barn or ensilage in a covered silo is considered protected. A haystack covered with a tarpaulin or similar covering before the release from the power station occurred is also safe. Uncovered hay should not be used unless absolutely necessary and only when the outer layers have been removed and discarded.

Water from a covered tank, a deep well or a cistern protected against run-off sources is safe for livestock. Water from an open source such as a pond could be contaminated and should not be used until tested by state or federal officials or determined to be out of the area of concern.

Emergency supplies of feed and water are available if your supplies are exhausted or potentially contaminated. Contact the County Cooperative Extension Service for additional information.

Animals can survive on the following rations and water for a long period of time without undue effects.

<b>ANIMALS</b>	<b>WATER/DAY</b>	<b>FEED/DAY</b>
<b>Dairy Cows</b>		
In Production or Dry	9 gallons summer 7 1/2 gallons winter	20 pounds hay
Weaning Calves	6 gallons summer 3 gallons winter	8-12 pounds hay
Pregnant Cow	7 gallons summer 6 gallons winter	10-15 pounds of legume hay
Nursing Cow	9 gallons summer 8 gallons winter	12-18 pounds of legume hay
Calf (400 pounds)	6 gallons summer 4 gallons winter	8-12 pounds of legume hay
<b>Swine</b>		
Brood sow with litter	4 gallons summer 3 gallons winter	8 pounds of grain
Brood sow (Pregnant)	1-2 gallons summer 1 gallon winter	2 pounds of grain
Gilt/Boar (150 pounds)	1 gallon	3 pounds of grain
<b>Sheep</b>		
Ewe with lamb	4 quarts	5 pounds hay
Ewe, dry	3 quarts	3 pounds hay
Weaning lamb	2 quarts	3 pounds hay
<b>Poultry</b>		
Layers/100 birds	5 gallons	17 pounds feed
Broilers/100 birds	5 gallons	10 pounds feed
Turkeys/100 birds	12 gallons	40 pounds feed

**CONCURRENCE:** DO NOT INITIAL UNTIL ALL BLANKS ARE FILLED IN

\_\_\_\_\_ WVDA

\_\_\_\_\_ SRTF CHAIRPERSON

**ADVISORY # 9C (COMPUTER BULLETIN BOARD VERSION) - RESTRICTIONS FOR PRODUCE/FRUIT**

**RESTRICTIONS PLACED ON THE CONSUMPTION, SALE, TRANSPORT AND PROCESSING OF PRODUCE AND FRUIT**

Because of the incident at the Beaver Valley Power Station, the WV Department of Agriculture has issued an advisory against the consumption, sale, transport and processing of fruits and produce grown within the following areas:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

This advisory ( changes / does not change ) boundaries established in a previous advisory.

This advisory remains in place until sampling and lab analysis can be performed to determine actual areas where produce and fruits may be contaminated.

Based on the results of this monitoring program, the WV Department of Agriculture will re-issue advisories that will identify specific areas where fruit and produce:

1. May be eaten without restriction.
2. May be eaten after skins or leaves on green vegetables are removed and the remainder washed thoroughly. Potatoes, melons, root crops, peas and beans would require normal cleaning.
3. Should be diverted to allow decay of radioactive materials to permissible levels, such as in canning, freezing or other storage.
4. Destroyed, as appropriate to the material. Produce or fruits should not be destroyed unless spoiled or state officials advise to do so. The boundaries for this advisory are conservative. It should not be assumed that fruit or produce is contaminated just because it is grown within the advisory boundaries.

Additional information will be provided as it becomes available.

**CONCURRENCE:** DO NOT INITIAL UNTIL ALL BLANKS ARE FILLED IN

\_\_\_\_\_ WVDA

\_\_\_\_\_ SRTF CHAIRPERSON

**ADVISORY # 9D (COMPUTER BULLETIN BOARD VERSION) - RESTRICTIONS ON HONEY**

**PRECAUTIONARY RESTRICTIONS PLACED ON HONEY**

The WV Department of Agriculture is advising bee keepers that, as a precaution, they should not remove honey from hives located in the following areas until the honey can be checked for contamination resulting from the incident at the Beaver Valley Power Station. These areas include:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

This advisory ( changes / does not change ) boundaries established in a previous advisory.

This advisory remains in place until sampling and lab analysis can be performed to determine appropriate actions. Honey collected prior to the contaminating event is safe for consumption and is not impacted by this advisory.

As results of this sampling program are analyzed, the WV Department of Agriculture will be issuing advisories on specific actions to take, depending on the levels of contamination found. These actions, determined on a case-by-case basis, could range from no restrictions at all to:

1. Storing the honey until the levels are reduced to an acceptable point.
2. Removing and destroying affected combs.
3. Destroying the hive.

The boundaries for this advisory are conservative. It should not be assumed that hives are contaminated just because they are within these boundaries. No actions should be taken until beekeepers are advised by the WV Department of Agriculture.

This precautionary advisory remains in effect until further notice. Additional information will be provided as it becomes available.

CONCURRENCE: DO NOT INITIAL UNTIL ALL BLANKS ARE FILLED IN

\_\_\_\_\_ WVDA

\_\_\_\_\_ SRTF CHAIRPERSON

**ADVISORY # 9E - (COMPUTER BULLETIN BOARD VERSION) - PRECAUTIONARY RESTRICTIONS ON CULTIVATION/HARVESTING ACTIVITIES**

**PRECAUTIONARY RESTRICTIONS ISSUED ON CULTIVATION/HARVESTING ACTIVITIES**

Because of the incident at the Beaver Valley Power Station, the WV Department of Agriculture has requested that farmers in the following areas refrain from cultivation or harvesting activities until monitoring and analysis can be performed to determine if it is safe to do so. These areas include:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

This advisory (changes / does not change) boundaries issued in a previous advisory.

State and federal monitoring teams are presently in the process of determining exactly where the contamination may have settled. This survey, conducted on an area-by-area basis, will help determine any health hazards associated with the resuspension of contamination caused by cultivation or harvesting activities. Based upon this determination, the WV Department of Agriculture will lift this advisory for areas not impacted by contamination.

For affected areas, state officials will provide information on appropriate actions to take. These actions could include:

1. Wearing protective clothing (such as that worn during pesticide applications).
2. Wearing a dust filter over your nose and mouth when plowing, cultivating dry land, or harvesting corn, etc.
3. Washing exposed areas of your skin before eating or drinking.

Part of the monitoring program includes taking soil samples. Based on the lab analysis of these samples, state and federal officials will be able to advise farmers on long term effects and actions. These actions could range from no precautions needed to:

1. Idling or allowing the land to lie fallow.
2. Disposing/replacing top contaminated layers.
3. Alternating types of crops, (i.e., planting crops that would contribute little or no radioactive material to the human diet, such as cotton or flax instead of vegetable crops).

4. Deep plowing to place the radioactive substances below the plant root zone.
5. Liming to limit absorption of specific radioactive substances by the crops.

State and federal officials will provide information and guidance based upon each area's particular circumstances. As a precaution, the boundaries selected for this advisory area are conservative. It should not be assumed that crops or fields are contaminated just because they fall within this advisory's boundaries. No actions should be taken until advised to do so by state or federal officials.

This advisory remains in effect until further notice. Additional information will be provided as it becomes available.

**CONCURRENCE:** DO NOT INITIAL UNTIL ALL BLANKS ARE FILLED IN

\_\_\_\_\_ WVDA

\_\_\_\_\_ SRTF CHAIRPERSON

**ADVISORY # 9F - (COMPUTER BULLETIN BOARD VERSION) - RESTRICTIONS  
ON GRAIN AND FEED**

**PRECAUTIONARY RESTRICTIONS PLACED ON TRANSPORT/SALE/PROCESSING OF  
GRAIN AND ANIMAL FEED**

Because of the incident at the Beaver Valley Power Station, the WV Department of Agriculture has issued a ban on the consumption, sale or transport of all grain and animal feed originating from the following areas:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

This advisory ( changes / does not change ) boundaries issued in a previous advisory.

The boundaries established by this advisory are conservative. It should not be assumed that your grain or animal feed is contaminated just because it is within the advisory boundaries.

This advisory remains in place until sampling and lab analysis can be performed to determine areas where grain and animal feed may be contaminated.

Based on the results of this monitoring program, the WV Department of Agriculture will re-issue advisories that will identify specific areas and appropriate actions. These advisories could range from no special actions necessary or delaying harvest to extended storage or milling/polishing.

Additional information will be provided as it becomes available.