

Annex 4-Protective Actions

A. PURPOSE

Protective actions are those measures taken to ensure the health and safety of both the emergency workers and the general public.

B. SITUATION

1. In the event of an accident at the Beaver Valley Power Station (BVPS) the State of West Virginia will recommend **protective actions** for the emergency workers and the general public in the state and assist in their implementation.
2. Protective Action Recommendations (PARs) for the Plume Exposure Pathway 10-mile Emergency Planning Zone (EPZ) will be developed by the Bureau for Public Health (BPH) and the Division of Homeland Security and Emergency Management (DHSEM) using information from the plant and data from Field Monitoring Teams.
3. PARs for the Ingestion Zone (50-mile EPZ), (see Annex 16) will be developed by the West Virginia State Recovery Task Force (SRTF) . The WV SRTF consists of representatives from DHSEM, BPH, Department of Natural Resources (DNR), Department of Agriculture (Ag) and the Department of Environmental Protection (DEP). Other agencies may be added as needed.
4. West Virginia will deploy Field Sampling Teams made up of various state agencies involved in regulation and sampling. The sample collection teams will report to the West Virginia Field Team Center (FTC), which communicates information with the SEOC.

C. CONCEPT OF OPERATIONS

1. Plume Exposure Pathway (10-mile EPZ)
 - a. Protective Action Guides (PAGs) for exposure to radiation for both the general public and the emergency workers will be established by the WV BPH.
 - b. The State of West Virginia will coordinate with the States of Ohio and Pennsylvania in development of Protective Action Recommendations (PARs) and Protective Action Decisions (PADs). This coordination does not preclude differing PARs/PADs for separate jurisdictions.
 - c. West Virginia will consider all relevant factors including weather, time of day, and road conditions, in making PARs.

- d. WVDHSEM will make the Protective Action Recommendation to the Governor or his designee.

Note: The Governor should declare a State of Emergency and every effort should be made to coordinate the PAR with Ohio and Pennsylvania.

- e. The Governor or his designee will present the Protective Action Recommendation to the Hancock County Commission President or his designee.
- f. The President of the Hancock County Commission or his designee will announce the Protective Action Decision (PAD) to the general public. PAD procedures are addressed in the Hancock County Radiological Emergency Plan.

Note: If time is critical, the President of the County Commission will make the Protective Action Recommendation. If the County Commission is not available and time is critical, the County Emergency Management Director can recommend the necessary protective action, based on information provided by the facility.

2. Ingestion Zone (50-mile EPZ)

- a. The West Virginia SRTF will establish Protective Action Guides for the control of the "Food Chain." (see Annex 16)
- b. Initially, the focus will be in the 10-mile EPZ of Hancock County and will address:
 - (1) Sheltering of farm animals, and
 - (2) The use of stored feed and covered water sources.
- c. Coordination for Hancock County will be through the Agriculture Representatives in the HCEOC.
- d. The West Virginia SRTF will coordinate the "Food Chain" sampling to be conducted in the 50-mile EPZ.
- f. The West Virginia SRTF will make the PAR to the Governor or his designee.
- g. The Governor, or designee, will coordinate the PARs with the appropriate governmental authorities and County Commissioners.
- h. The County Commissioners will notify the general public, in their Counties, of the PADs.