

50-546547

United States Senate

May 21, 1979

Respectfully referred to:

Congressional Liaison
Nuclear Regulatory Commission
Washington, D.C. 20555



Because of the desire of this office to be responsive to all inquiries and communications, your consideration of the attached is requested. Your findings and views, in duplicate form, along with return of the enclosure, will be appreciated by

Walter D. Huddleston
U.S.S.

Form #2

2131 335

7906270058 U

CLYDE E. GREENWOOD
JUDGE, TRIMBLE COUNTY COURT
BEDFORD, KENTUCKY 40006

April 26, 1979



Mr. James Coughlin
Vice President - Nuclear
Public Service Indiana
1000 East Main St.
Plainfield, Indiana

Dear Mr. Coughlin:

As you are aware, there is an ever-growing concern across the country and in particular in my county over the need for emergency planning for those jurisdictions adjoining commercial nuclear power stations such as your own Marble Hill Nuclear generating station. The area of my jurisdiction, Trimble County, Ky., includes portions of the Low Population Zone encircling the Marble Hill Facility. In addition, recent guidance from the Nuclear Regulatory Commission and the U.S. Environmental Protection Agency indicates that a significant level of planning is advisable out to 10 miles from Nuclear power plants.

As chief executive officer of Trimble County, I intend to make every effort to ensure that the best arrangements possible have been made to protect the citizenry in the event of a radiation emergency at Marble Hill. Extensive planning in my county has never been necessary before the Marble Hill project because there is no heavy industry or significant road hazards in this heavily agricultural area. As a result, with regard to the development of more intensive planning for radiation emergencies, I feel that it is only appropriate for the Public Service Company of Indiana, Inc. to bear the financial burdens of such planning since it is PSI that will derive financial benefits from the operation of the Marble Hill Reactor.

I believe that as a minimum, the following planning activities should be instigated in Trimble County, Kentucky supported by PSI:

1. An Emergency Operations Center (EOC) should be constructed near Bedford for the use of local officials during radiation emergencies at Marble Hill. This center should have appropriate radiation protection factors which would allow it to be staffed throughout any possible catastrophic nuclear accident at Marble Hill;

228 1815

2131 336

7906270061

CLYDE E. GREENWOOD

JUDGE, TRIMBLE COUNTY COURT
BEDFORD, KENTUCKY 40006

James Coughlin
Page two

2. A radio and telephone communications system must be installed which would allow emergency personnel in the county to communicate directly with the EOC as referenced above. In addition, a communications system must be installed which would allow access to the Emergency Broadcast System so that radiation emergency information could be transmitted from the EOC to major commercial AM, FM and TV stations in the area to permit rapid dissemination of messages to the public;
3. An audible emergency warning system must be installed for the county dedicated to providing public warnings during radiation emergencies. This separate warning system is needed to alert those residents who would normally miss radio and TV messages. The tone and pattern of this alarm would be such as to distinguish it from other alarms used during other emergencies;
4. A radiation monitoring network must be set up along the 2 mile Low Population Zone Boundary as it passes through Trimble County. This network must provide continuous readout of the radiation exposure rate in mr/hr. A minimum of one such monitor must be included in each of the eight (8) affected emergency planning sectors in Trimble County. These monitors must be connected electronically to the EOC to allow continuous remote observation of the radiation exposure levels in the eight sectors;
5. Additional air sampling equipment shall be provided to allow for air samples to be immediately collected and analyzed by Trimble County Officials to determine the iodine-131 exposure rate. Training and drills must be provided by PSI technicians for the individuals to be designated by my office who will conduct such monitoring.
6. In preparation for gaseous iodine release, PSI must provide potassium iodide tablets to be stored by Trimble Co. health Department Officials for rapid distribution to emergency personnel and/or the general population.
7. Medical emergencies during a radiation emergency will require a special vehicle to transport the injured. Vehicles normally used for this purpose would be committed to notification or evacuation operations.

2131 337

CLYDE E. GREENWOOD

JUDGE, TRIMBLE COUNTY COURT
BEDFORD, KENTUCKY 40066

8. Portable emergency equipment must be provided for emergency workers in the field, including:
- a. bullhorns for notification operations
 - b. Self-contained breathing equipment (suitable for 2-way voice communication)
 - c. Radiation detection instruments: geiger-mueller type personal dosimeter type
 - d. Personal decontamination kits and instruments

The need for other items or systems may become apparent in the future. I would appreciate your cooperation in Trimble County's effort to implement protection for its citizens as outlined in this letter. I hope to hear from you soon.

Sincerely,

Clyde E. Greenwood
Clyde E. Greenwood
County Judge/Executive
Trimble County

cc:

Peter D. Conn
Harold E. Collins
James P. O'Reilly
James G. Keppler
Sen. Wendell Ford
Sen. Walter Huddleston
Rep. Gene Snyder

2131 338