

JUN 17 1985

Docket No.: 50-440

Mr. Roland Louth
13164 Leroy Center Road
Painesville, Ohio 44077

Dear Mr. Louth:

My letter to you dated May 24, 1985, advised that the Federal Emergency Management Agency (FEMA) would be responding to your questions raised during the Limited Appearance session at the Perry hearing on April 11, 1985, relative to the Perry offsite Emergency Preparedness Plans.

This letter provides the NRC staff's response to your questions pertaining to the Perry Plant Emergency Onsite Plans, which are enclosed.

If you have any further concerns or questions on the enclosed responses, please do not hesitate to contact me. If you have any further questions on offsite emergency preparedness at Perry, it is suggested that you contact the FEMA Regional Office at:

Director, Federal Emergency Management Agency
Region V
300 S. Wacker Drive - 24th Floor
Chicago, Illinois 60606

Sincerely,

John J. Stefano, Project Manager
Licensing Branch No. 1
Division of Licensing

Enclosure:
NRC Responses to Questions on the
Perry Onsite Emergency Plans

cc: See next page

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

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Sincerely,

A handwritten signature in cursive script, appearing to read "John J. Stefano".

John J. Stefano, Project Manager
Licensing Branch No. 1
Division of Licensing

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Perry Onsite Emergency Plans

cc: See next page

JUN 17 1985

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NRC Responses to Mr. Louth's Questions
on the Perry Onsite Emergency Plans

Question No. 1. Who is charged with implementing the emergency evacuation plan for Perry?

Answer: Perry Plant personnel are responsible for the evacuation of onsite personnel, both utility employees and non-utility persons, at the time of an accident. During an emergency situation, the Emergency Coordinator (initially the Shift Supervisor, then the Plant Operations Manager when the Technical Support Center is activated) has the authority and responsibility to direct all phases of emergency response onsite, including evacuation of non-essential personnel. In the event of a Site Area or General Emergency, site personnel will be instructed to begin personnel accountability and all persons without an emergency response function will be directed to exit the site area by normal exit routes and exit procedures and proceed to offsite assembly areas for assembly and monitoring. For additional information see the answer to Question No. 5.

Question No. 2. I would like to know what the chain of command is in the emergency evacuation plan.

Answer: As explained above, the Emergency Coordinator has the overall responsibility and authority for directing the emergency response onsite. The Perry emergency plan provides a line of succession for the Emergency Coordinator position: Shift Supervisor; Operations

Manager; and Vice-President, Nuclear Group or his alternate, the Vice-President, Nuclear Operations Division. As the Technical Support Center (TSC) and Emergency Operations Facility (EOF) are activated, the Shift Supervisor and Operations Manager, respectively, are relieved as the Emergency Coordinator, such that, if a Site Area or General Emergency were declared, the Shift Supervisor would be involved in the safe operation of the plant, the Operations Manager would be in charge of the onsite activities, and the Vice-President, Nuclear Group would be in charge of overall direction of emergency operations. The Vice-President, Nuclear Group would be assisted by the EOF Manager.

Question No. 3. I would like to know the reliability and the confidence of those involved in the plan and what are their credentials.

Answer: The Shift Supervisor position is a 24 hour-per-day position. Shift Supervisors are selected by utility management based on their experience and background. However, Shift Supervisors must meet certain NRC standards: four years of nuclear power plant experience in a responsible position, a licensed reactor operator for a minimum of one year, at least three months on shift in that role (i.e., as an extra Shift Supervisor in a training status), and a minimum of six months on site. In addition, the Shift Supervisor holds a Senior Reactor Operator license. The Operations Manager, and the Vice-President, Nuclear Group are generally upper-management personnel whose selection is based on experience and background. All

persons who serve in the position of the Emergency Coordinator are required to successfully complete emergency response training courses which include radiological controls, emergency response, accident assessment/protective response, recovery/reentry, and EOF operations. Drills and emergency exercises are included in the training program and all emergency response personnel, including Emergency Coordinators, are provided re-training on an annual basis.

Question No. 4. No one has made available at least to me a clear answer on why an emergency evacuation plan is necessary at all.

Answer: Emergency evacuation plans for nuclear power plants are required by Federal regulation as an element of onsite and offsite emergency plans for responding to potential accidents at nuclear power plants. The Commission has determined that emergency preparedness, as well as proper plant siting and engineered safety features, is needed to protect the health and safety of the public.

A principal objective of emergency planning is to take protective actions before any of the public is exposed to radiation during an emergency situation. The onsite emergency response plans are developed for, 1) early detection and classification of the event, 2) prompt notification of State and local authorities and the public, 3) onsite response to mitigate the emergency, and 4) making protective action recommendations to appropriate authorities, to include recommendations for sheltering and/or evacuation.

Question No. 5. What is the emergency evacuation plan route of egress from the plant area, and what are the school bus evacuation routes?

Answer: Evacuation routes from the plant are shown in the attached Figures 6-7B and 6-7C which have been extracted from the Perry Plant Emergency Plan. Your question on school bus evacuation routes has been forwarded to FEMA.

Question No. 6. Has the degree of emergency increased from conception of the plant until today with regard to the evacuation?

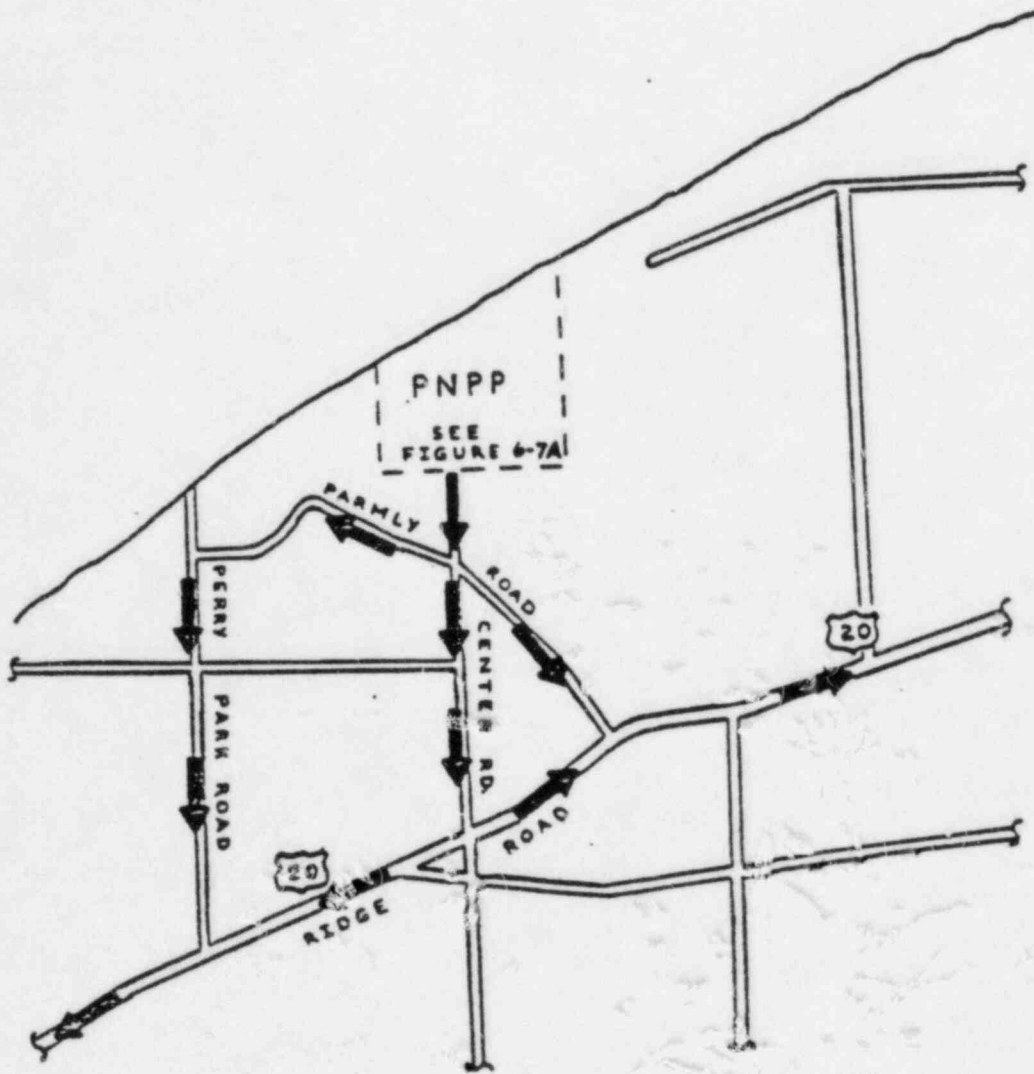
Question No. 7. Have the problems at Three Mile Island plant given rise to any change in the proposed emergency evacuation plan at the plant at Perry?


Answers to 6 & 7: After the Three Mile Island accident in 1979, the NRC made significant changes to its regulations on emergency planning applicable to nuclear power plants. The most substantive changes involved the establishment of plume and ingestion exposure pathway emergency planning zones (EPZs) of about 10 and 50 miles in radius from the plant, a public alerting and notification system for early warning of the public, a prompt notification scheme for alerting state and local authorities, a standard emergency classification scheme (Notification of Unusual Event, Alert, and Site Area and General Emergencies), an emergency action level scheme to be used by the plant operator, and emergency response facilities (Technical Support Center, Operations Support

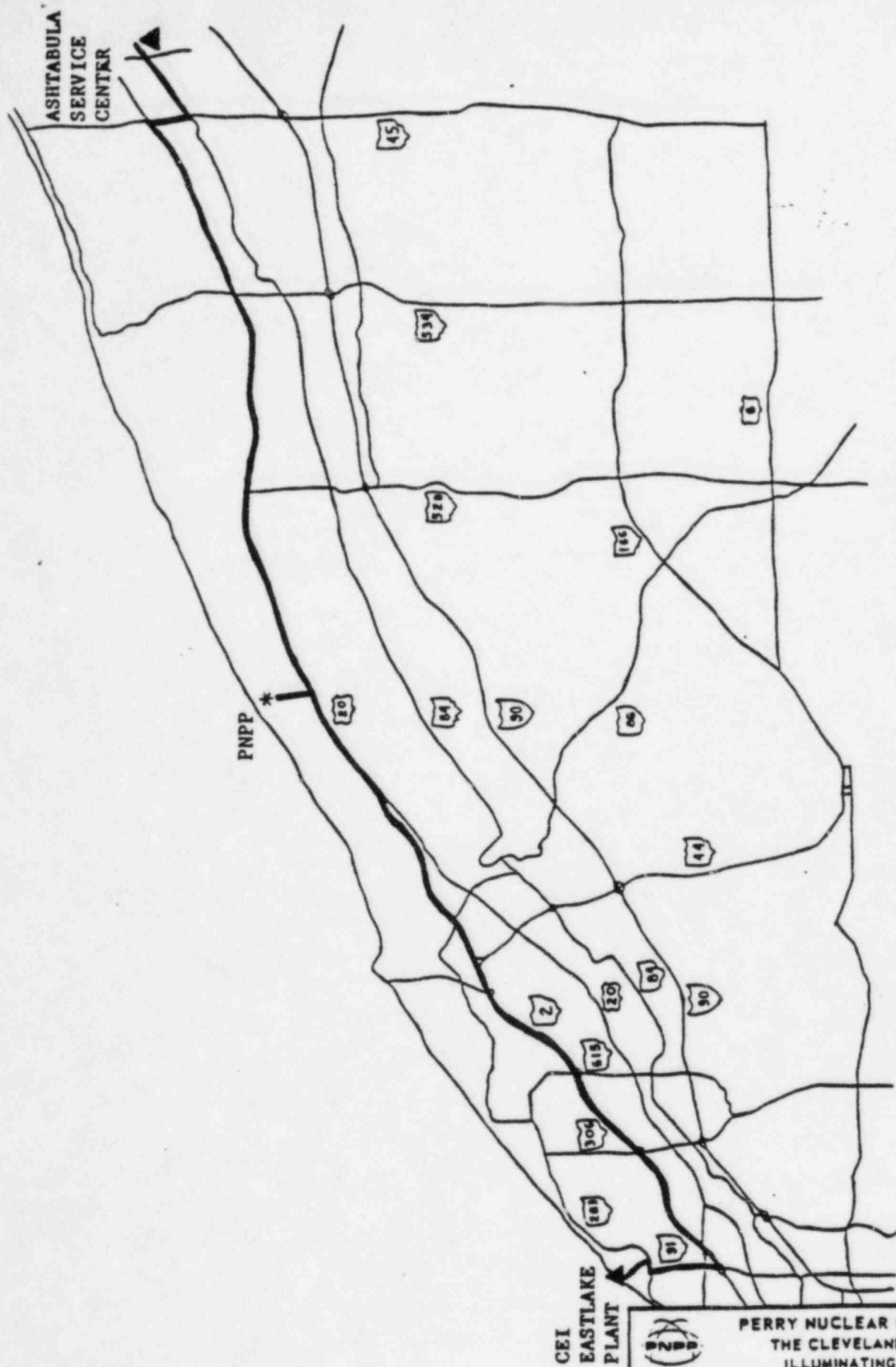
Center and Emergency Operations Facility). In particular, the Emergency Operations Facility, or EOF, was established as the location for coordination of all Federal, state, local, and utility officials' emergency response effort.

In addition, requirements regarding emergency response training, procedures and equipment have been enhanced. Training is more extensive and exercises are now required which involve participation by state and local agencies. A successful offsite exercise at operating plants is required by FEMA for approval of state and local emergency response plans. Also, evacuation time estimates for the plume EPZ are required for each nuclear power plant which will provide state and local authorities with information (including evacuation routes and clear time estimates) that is needed to make decisions on protective actions for the public.

In summary, onsite and offsite emergency plans have been significantly upgraded, the notification links have been greatly improved, the decision-making chain has been streamlined, and cooperation and coordination between utility, state, local and Federal officials and agencies has vastly improved. With regard to evacuation of the public, an EPZ of about 10 miles in radius from the Perry plant has been established in which potential protective actions such as sheltering or evacuation are planned for by local authorities.




	PERRY NUCLEAR POWER PLANT THE CLEVELAND ELECTRIC ILLUMINATING COMPANY
	Site Evacuation Routes Figure 6-7 Sheet B



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	<p>PERRY NUCLEAR POWER PLANT THE CLEVELAND ELECTRIC ILLUMINATING COMPANY</p>
<p>Site Evacuation Routes Figure 6-7 Sheet C</p>	