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for Today and Tomorrow

Limerick Generating Station Emergency Preparedness Fact Sheet

- Limerick Generating Station employs a sophisticated emergency response plan to protect public health and safety. Both the U.S. Nuclear Regulatory Commission (NRC) and the Commonwealth of Pennsylvania approved the plan and evaluate it annually. The emergency plan includes coordination with local counties, municipalities and school districts.
- To demonstrate the company's ability to execute the emergency plan, a minimum of three emergency drills are conducted at Limerick each year. Every two years, Limerick conducts a full-scale emergency exercise involving plant employees and state and local emergency management officials. The NRC evaluates the onsite response to the simulated emergency and the Federal Emergency Management Agency (FEMA) evaluates the response of the local, county and state agencies.
- More than 100 Exelon Nuclear employees are on call seven days a week, 24 hours a day to support Limerick's emergency plan.
- Limerick has four dedicated emergency response facilities:
 - Technical Support Center - The technical support center is located at Limerick and is staffed with knowledgeable individuals responsible for overall plant operations.
 - Operations Support Center - The operations support center is located inside the plant and serves as a dispatch point for maintenance and radiological monitoring teams.
 - Emergency Operations Facility - The emergency operations facility is located in Coatesville, Pa., and coordinates the overall company response with government agencies.
 - Joint Information Center - The joint information center is located in Coatesville, Pa. It is staffed by Exelon Nuclear personnel and government agency personnel, and serves as a single point of contact for the media and public to obtain information.
- Federal guidelines require nuclear plants to educate the public regarding the local emergency plan for communities in 10-mile and 50-mile "emergency planning zones (EPZ)," which are the radiuses around the plant. The evacuation plan is an all-hazards plan for use in all types of natural and man-made emergencies. Residents in the 10-mile zone are mailed an informational brochure on an annual basis telling them what to do and where to go in the event of an emergency. In addition, the same information is provided in every telephone book that covers the EPZ.



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- An Emergency Warning System (including a siren notification system) has been in service for area emergencies even prior to Limerick's startup in 1985. The system is designed to provide emergency information and instructions to the public. Limerick updated the siren control system in 2004. This is the communications network between the sirens and 9-1-1 centers. Limerick is replacing and upgrading all 165 sirens in the 10 miles around Limerick with sirens that include battery back-up power. Completion of the replacement project is scheduled for 2011.
- The sirens are used for any emergency in the 10 miles around the plant, including natural disasters. The sirens are a signal for residents and businesses to tune to the local Emergency Alert Station (EAS).
- Nuclear plant operators work in conjunction with state and local police, the FBI and Department of Homeland Security to ensure security is always at a high state of alert. The security team has procedures that address onsite evacuation, communications, staffing, and procedures and plans in the context of a security threat.
- Limerick contributes annually to state and local off-site emergency preparedness readiness. Funds and training support emergency response personnel, plans and procedure development, facilities, equipment, and participation in drills and exercises.