

Working with LEPCs

Local Emergency Planning Committees

Presented to

2007 EMI-SIG Annual Meeting

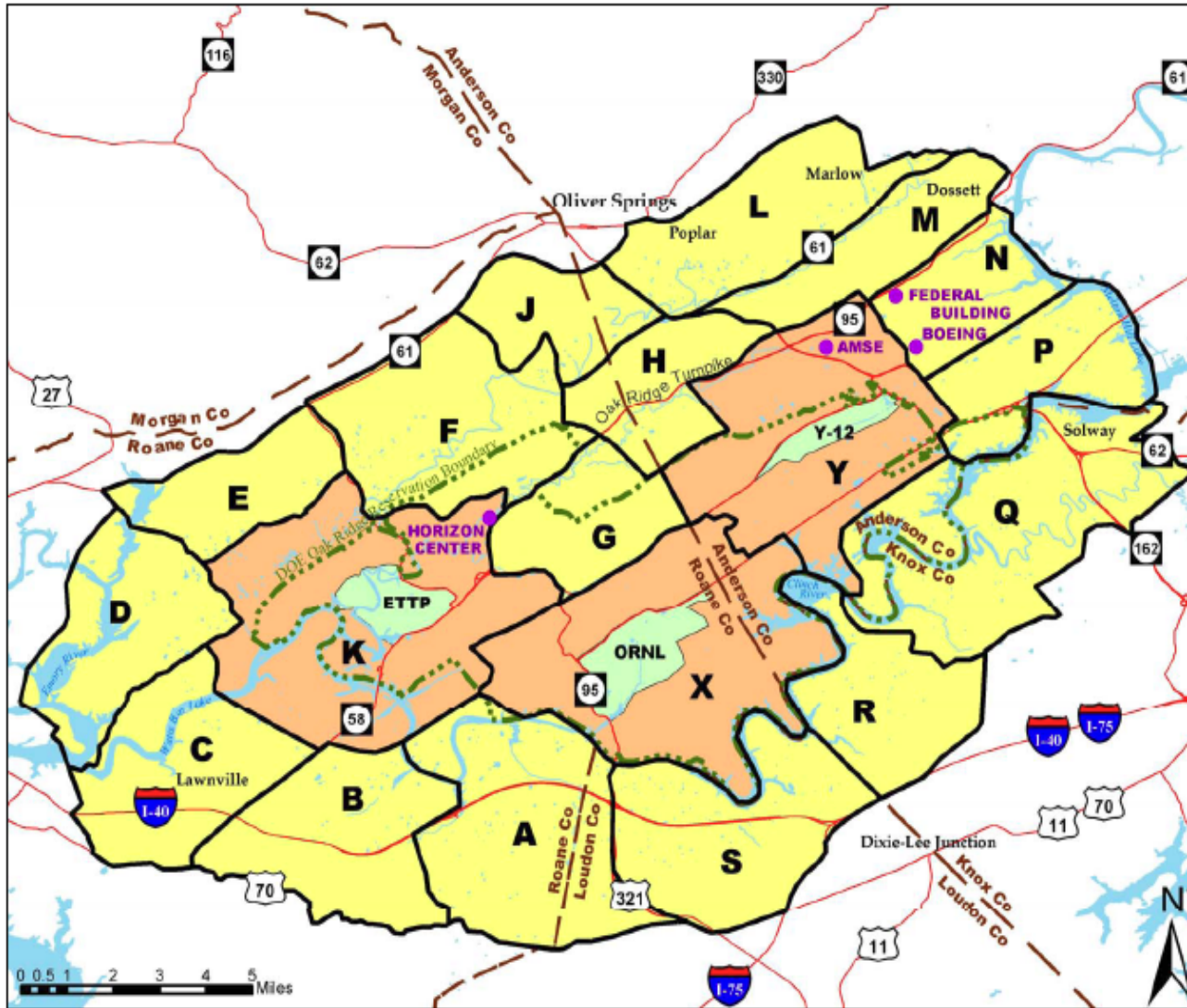
by

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DOE's Oak Ridge Reservation

Oak Ridge Reservation Emergency Planning Zones



Legend

- 2-mile INZ
(Immediate Notification Zone)
- 5-mile EPZ
(Emergency Planning Zone)
- **Landmark**
- Primary Road
- Oak Ridge Reservation
- County Boundary
- Surface Water

The Emergency Alert System (EAS) message will include the sectors being evacuated or the radius in miles from ETRP or ORNL or Y-12 being evacuated.

ETTP
(East Tennessee Technology Park)
ORNL
(Oak Ridge National Laboratory)
Y-12
(National Security Complex)

Prepared for: U.S. DOE
Oak Ridge ORNL-13802
Prepared by: Performance-based
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Tennessee Counties within the ORR 5-mile Emergency Planning Zone

- **Anderson**
 - Population¹: 72,430
 - Major Cities: Oak Ridge, Clinton
- **Knox**
 - Population¹: 404,972
 - Major Cities: Knoxville, Farragut
- **Loudon**
 - Population¹: 43,387
 - Major Cities: Lenoir City, Loudon
- **Roane**
 - Population¹: 52,889
 - Major Cities: Harriman, Kingston, Rockwood

¹ 2005 US Census Bureau Estimate

Each of these counties has a Local Emergency Planning Committee

- **LEPC Regulatory Drivers**
 - **Public Law 99-499, Superfund Amendments and Reauthorization Act, Section 301 (c), "Emergency Planning and Community Right-to Know Act of 1986" (SARA Title III/EPCRA)**
 - **State of TN Executive Order #7, April 1987 (TN E.O. #7)**

LEPC organization is headed by a Chairperson, usually a volunteer

- **Representative LEPC Membership**
 - Facility owners/operators and facility employees
 - Public works owners/operators and facility employees
 - Law enforcement agencies
 - Emergency management
 - Fire fighting agencies
 - Emergency medical services
 - Health Department
 - Rescue Squad
 - Hospitals/medical facilities
 - Elected officials

Working with LEPCs can help meet the requirements of O151.1C

- **Interface with others providing emergency support to DOE sites**
 - **Interface with State and local emergency response elements, other Federal agencies, and private institutions providing emergency medical and other emergency support to the site**
- **Emergency Public Education**
 - **Opportunity to periodically disseminate Emergency Public Information regarding DOE facility hazards, how the public will be alerted and notified of an emergency, what their actions should be in the event of an emergency, and points of contact for additional information**

Working with LEPCs can help meet the requirements of O151.1C (cont.)

- **Exercise Planning**
 - **Verification of Full Participation Exercise (FPE) assumptions and communication pathways**
- **Technical Basis Planning**
 - **Identification and examination of hazards originating outside the DOE facility and site that could impact the health and safety of onsite personnel or other DOE interests**

Other advantages for DOE sites working with LEPCs

- **Lessons Sharing**
 - **Lessons learned from planning, drills and exercises, and actual events at industrial facilities or other Federal facilities can be used to improve Emergency Management programs at DOE sites.**
- **Professional Development**
 - **Meeting with other emergency management professionals (outside of DOE)**
- **Establishing good community relationships**