
THE SOCIETY OF AMERICAN MILITARY ENGINEERS

PROUD HERITAGE, PROMISING FUTURE

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OPERATION FAST START

Kentuckiana Post
READINESS PLAN
2005-2006



Kentuckiana Post

The Society of American Military Engineers

05 December 2005

It is the policy of the United States to have an Emergency Mobilization Preparedness Capability that will ensure that government at all levels, in partnership with the private sector and the American people, can respond decisively and effectively to any major national emergency with the defense of the United States as first priority.

National Security Council NS DD-47

In order to support government at all levels in their emergency preparedness capabilities, the Kentuckiana Post of the Society of American Military Engineers (SAME), in cooperation with its corporate members/firms, has published a *Fast Start* plan in response to the Society's commitment to come to the aid of governments and citizens in time of national emergencies, including natural and man-made disasters.

Our *Fast Start* plan outlines how civilian architectural and engineering firms, construction contractors, materials suppliers, and other firms can interact with military and government construction agencies in the Louisville Metro area to effectively respond to any major emergency. For those in the private sector, you will find names and addresses of organizations you can contact in the event you wish to make your firm known as a resource to support emergency relief or recovery efforts. For those in the public sector, you will find the names and addresses of organizations prepared to support disaster relief efforts and who can respond in a disciplined manner to prevent further loss and restore normalcy.

We at the Kentuckiana Post hope you will find this publication both informative and useful. Only through the efforts of concerned organizations such as yours can we achieve an effective level of preparedness. We invite you to become a member of SAME, if you are not already, and to share with us your ideas, abilities, and experiences. What better way to show our support for our national defense than by working together to increase our emergency preparedness and defense readiness? We look forward to your active participation.

Stephen Bickel, PE, PLS
Post President
Kentuckiana Post, SAME

OPERATION FAST START

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OPERATION FAST START

SUMMARY

The Kentuckiana Post's Fast Start plan is an interactive readiness program with focus on linking local, state, federal and civilian entities in the Louisville Metro area Post's geographic area.

WHAT Private sector engineering preparedness for the full range of national disasters, including terrorist activities.

- Deter if possible.
- Utilize FAST START to mitigate further loss and help restore normalcy.

WHO Society of American Military Engineers (SAME)

WHY National Security Council DD-47 calls for preparedness of government in partnership with the private sector. In addition, the U.S. Department of Homeland Security's National Infrastructure Protection Plan notes the critical roles of state and local governments and the private sector as "...the front line of response and defense in support of the security spectrum..."

SO WHAT'S IN IT FOR ME?

- Government Agencies - A way to identify and get private sector engineering and construction organizations on board quickly.
- Industry - A leg up on the competition in emergency requirements design efforts and contracting procedures.
- All - Reduction in threat potential.

HOW DOES IT WORK?

- General emergency work requirements.
- Inventory private sector capabilities.
- Determine engineer applicability and capability.
- Make capabilities known to public sector.
- Identify emergency contracting issues.
- Practice in natural disasters, and coordinate with local Emergency Preparedness Offices.

OPERATION FAST START

I. INTRODUCTION

The purpose of the Fast Start plan is to assist federal, state and local governments in recovery from natural and man-made disasters. The information contained in the plan also aims to reduce response time, make maximum use of existing member firm capabilities, enhance awareness, and maintain flexibility prior to, during, and following emergencies and disasters.

Of all the disasters that befall mankind, war is certainly the worst. If our country should experience another terrorist attack, our survival as a nation will depend to a great extent on our preparedness and readiness to respond. The Society of American Military Engineers (SAME) and the Kentuckiana Post have the resources and can provide information vital to prepare for and respond to these disasters and our national preparedness.

Located in the Louisville Metro area, the Kentuckiana Post can be a positive mitigating force during and after natural disasters, industrial emergencies or civil insurrection. To assist the community with vital emergency preparedness information and resources, the Kentuckiana Post has put together this Fast Start plan.

The Fast Start plan is an interactive communications tool that is needed if we are to tap the resources of our engineering/construction industry. A huge, untapped deterrent value resides within the US engineering/construction industry. Construction alone in this country is a \$300 billion per year industry. To maximize its deterrent value, we must make potential opponents count major portions of the civilian industry when computing the military engineering capacity of the United States. This plan aims to maximize this deterrent value.

The Kentuckiana Post continues to concentrate on improving working relations with these community, state and federal emergency management officials and disaster relief organizations with the objective of improving capabilities to respond to natural, man-made disasters, and terrorist emergencies.

Architects, engineers, materials suppliers, and construction contractors, particularly those who are members of SAME also need to understand the priorities and problems faced by local communities and the nation prior to, during and after disasters or emergencies that require rapid and significant mobilization. They need to be ready to be called upon on short notice and provide their best capabilities.

Operation Fast Start is designed to increase the awareness of local planners, design and construction personnel so they:

- Understand the mechanisms of contracting for emergency services;
- Reduce their response time by understanding what they may be required to do and when; and
- Provide a ready and viable construction force available to assist the Society and local, state and federal communities in responding effectively to the emergencies that may face our nation and region.

In short, it is preparedness for the full range of national emergencies: natural, industrial, and defense. Our Nation's Defense is paramount to the Kentuckiana Post. We hope this plan furthers the local and regional dialogue to ensure that government at all levels, in partnership with the private sector, can respond decisively and effectively to any major national and local emergency.

II. PURPOSE

National readiness provides deterrence and, therefore, lowers the probability that an attack will occur. Also, with readiness and rapid response, the effects of a disaster can be further mitigated. The purposes of *Operation Fast Start* are:

- To define emergency work requirements, inventory existing regional capabilities, describe capabilities, address significant area deficiencies, make capabilities known to governmental agencies, and address specific opportunities for sustaining member participation in engineering tasks associated with the recovery from natural, man-made, and terrorist disasters and emergencies;
- To better posture the engineering and construction assets of the Louisville Metro area to respond effectively in a national emergency, natural disaster, or other type of emergency;
- And to make the US engineering/construction industry a credible deterrent force.

Through our professional organizations, such as SAME, we need to inspect our strategy, doctrine, and plans for emergency response. In doing so, we believe it is in the nation's interest to:

- **REDUCE RESPONSE TIME.** In any emergency, loss of life and property is lessened by quick response. Reducing the time required to reorient or mobilize from peace to defense will pay dividends toward national survival. The Kentuckiana Post helps member firms understand what will be required of them and when. Coordinating between sustaining members and key response agencies to find solutions reduces response time to move to functional capacity.
- **MAKE MAXIMUM USE OF EXISTING CAPABILITIES.** The US contract construction industry is decentralized, flexible, mobile, and highly elastic to demand. The industry has demonstrated that it can respond, provided enlightened government guidelines and decentralized leadership are in place and ready for the emergency. Existing capabilities are adequate for nearly any contingency, given proper preparedness.
- **ENHANCE AWARENESS.** The industry must be aware of and involved in the national emergency planning process. Industry planners must understand the mechanisms involved in contracting for emergency services. They should be aware of the tremendous pool of talent that can be made available by the Kentuckiana Post's Sustaining Member firms and agencies to the extent of including SAME's Kentuckiana Post.
- **MAINTAIN FLEXIBILITY.** The worldwide threats to US interests in the decades ahead will be diverse. The increased demand for limited resources worldwide is likely to increase confrontations. The requirement for flexibility in planning for any contingency is apparent. Through improved planning, which incorporates awareness and timeliness, increased flexibility will enable our Nation to respond effectively to a range of disasters and emergencies.

A. GOALS

The Fast Start plan's primary goal is to encourage dialogue and enhance understanding between the public and private sectors of the requirements, processes, procedures, and capabilities available to respond effectively to a natural disaster, national emergency, or other type of emergency in the Louisville Metro area. We believe this will help achieve the purpose statement above. Secondary goals to help support the primary goal include pre-planning and preparation to minimize effects of emergencies/disasters, improved response time and flexibility to quickly respond to a wide range of emergencies, and maximum participation in local exercises conducted by Kentucky and Indiana Emergency Management Agencies, state and municipal governments in the Louisville Metro Area, and seven counties in Southern Indiana.

B. ADMINISTRATION

The Kentuckiana Post of SAME will maintain this plan. SAME is not responsible for reimbursement of costs to local government agencies, volunteer organizations, or the sustaining members listed herein. This plan is provided without charge or obligation. SAME is not an organization of the United States government or the Department of Defense.

C. ASSUMPTIONS

The Fast Start plan is a vital resource when:

- The disaster exceeds the capabilities of applicable government emergency service agencies.
- Members' capabilities are not adversely affected by the disaster and remain available.
- There will be minimal to no preparation time for some natural disasters and man-made incidents.
- Damage and personal injury caused by disasters may degrade the capabilities of county emergency management/local government.

III. KEY ORGANIZATIONS

The Louisville Metro area has several agencies and organizations that the community can go to for additional information in time of an emergency. In partnership with these organizations, and

drawing on the resources they can provide, the Fast Start plan highlights some key organizations with vital information on emergency management and readiness strategies.

FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA)

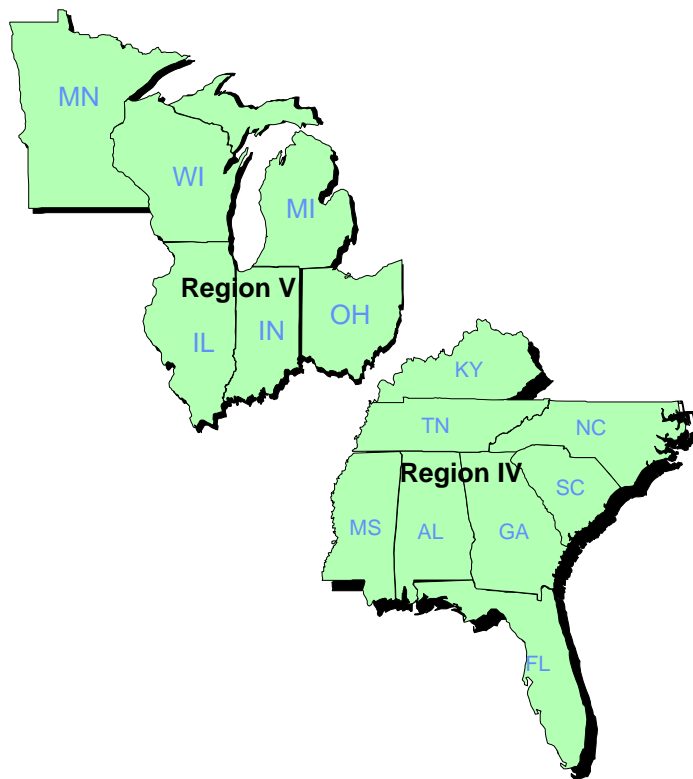
<http://www.fema.gov>



The Federal Emergency Management Agency (FEMA) coordinates the establishment of policies for mobilization preparedness of Federal Agencies, prepares and maintains the Federal Master Mobilization Plan and guides the states and federal regional councils in their emergency preparedness.

FEMA has ten regional offices, and two area offices. Each region serves several states, and regional staffs work directly with the states to help plan for disasters, develop mitigation programs, and meet needs when major disasters occur.

The United States is divided into ten FEMA regions, with the Kentuckiana Post spanning Regions IV and V www.fema.gov/regions/iv/index.shtm and V www.fema.gov/regions/v/index.shtm



- Regions IV and V work in partnership with the states' emergency management agencies to prepare for and respond to disasters.
- Region IV's most common challenges are thunderstorms, tornados, flooding, and winter storms.
- Although thunderstorms and flood-related damage is the most prevalent, Region IV and V states are also subject to tornadoes and earthquakes.

Kentucky is one of the eight states served by FEMA under Region IV. Region IV also covers Alabama, Florida, Georgia, Mississippi, North Carolina, South Carolina and Tennessee. During a Presidential Disaster Declaration, in addition to its 115 full-time employees, the Region can

draw from a cadre of over 550 Disaster Assistance Employees or "reservists" experienced in areas ranging from the delivery of disaster assistance to public information and more.

FEMA Region V serves the Midwest states of Indiana, Illinois, Michigan, Minnesota, Ohio and Wisconsin. A staff of over 90 full-time employees and a cadre of more than 300 on-call Disaster Assistance Employees provide support for Region V.

KENTUCKY DIVISION OF EMERGENCY MANAGEMENT (KyEM)

<http://kyem.ky.gov/>



There are fourteen (14) KyEM Area Offices for the Commonwealth of Kentucky. KyEM established the area offices to administer the emergency management program functions of the Division. An Area Manager and an Office Coordinator staff each area office. Each office services a geographical area of approximately 7-10 counties. KyEM Area Offices are responsible for coordinating the development and implementation of local or regional Integrated Emergency Management System (IEMS) elements that include response to disasters, emergencies, severe weather conditions, and other catastrophic events, in accordance with the State plan and program. The regionalized positioning of area offices is of strategic importance to the Division in carrying out both administrative and emergency response duties. The Louisville Metro Area falls within State Area 06.

LOUISVILLE METRO EMERGENCY MANAGEMENT AGENCY (EMA)

<http://www.louisvilleky.gov/EMA/>



The department is responsible for emergency management, planning, and coordination throughout the community. The agency also manages the 911 emergency telephone system, a countywide outdoor warning system, and an 800-megahertz radio system that serves local government.

EMA supports the Local Emergency Planning Committee that coordinates hazardous materials information and response. The LEPC has also taken the lead with key industrial partners in the Rubbertown manufacturing area to plan and implement a coordinated response to the EPA's rules related to planning for the most hazardous chemicals and flammables in the community.

DEPARTMENT OF HOMELAND SECURITY

<http://www.in.gov/dhs/>



Indiana DHS provides a wide range of public safety services to the citizens of Indiana, safeguarding them from disasters or emergencies. These services include emergency management, emergency medical services, building safety and fire protection, as well as professional training.

U.S. ARMY CORPS OF ENGINEERS (USACE)

<http://www.usace.army.mil>



The U.S. Army Corps of Engineers provides a variety of disaster response capabilities, including providing drinking water, clean-up, auxiliary power and repairs. The Army Corps of Engineers

also provides technical advice to state and federal officials in inspecting and assessing damaged areas.

The Corps is organized into eight divisions in the United States. The districts oversee project offices throughout the world. Divisions and districts are defined by watershed boundaries, not by states, for civil works and by political divisions for military construction.

The USACE, Louisville District (<http://www.lrl.usace.army.mil/>) works in the five-state area of Indiana, Kentucky, Illinois, Michigan, and Ohio. Primary civil works services include flood control; navigation; regulatory activities; water supply; water quality; hydropower; environmental conservation and enhancement; recreation; and emergency response. Louisville's military construction mission is in support to the Army, Air Force and Department of Defense facilities within 306,000 square miles located in the five-state area. In addition, the District provides a variety of design and construction management services for the Army Reserve and Air Force Reserve nationwide.

The mission of the Louisville District is to provide engineering services to its civil and military customers within the times, budgets and guidelines established by the Corps, the Congress, and customers. These services will be performed in a productive manner and be of value and quality as defined by the customer. The District will be prepared to provide immediate disaster relief, as required.

Civil Works. The District's Civil Works area of responsibility encompasses those portions of Ohio, Kentucky, Indiana, and Illinois in the drainage basins of the Ohio River and tributaries from Mile 438, Foster, Kentucky, to Mile 981, Cairo, Illinois. Assigned emergency management-related missions are as follows:

- Conducts ongoing national disaster and national emergency planning.
- During flood emergencies, assures protection of federally owned and maintained flood control works and other facilities operated by the Corps of Engineers; furnishes technical assistance to State and local authorities upon request and furnishes direct assistance, as required.
- During a disaster recovery phase, furnishes direct engineering and construction support to FEMA.

Military. Louisville's military construction mission is in support of the Army, Air Force, and Department of Defense facilities within 306,000 square miles located in the five-state area and nationwide to the Army Reserve and the Air Force Reserve. The District's military construction services include engineering design; plans and specifications; construction; real estate services, including leasing for recruiting and reserve centers; and base realignment and closure.

National Security Emergency Preparedness (NSEP). The Corps of Engineers has a significant role in planning for the orderly mobilization of national resources in the event that our nation is involved (or about to become involved) in major hostilities. Planning for NSEP actions is not an additional program, nor is it a special or ad hoc project. Rather, NSEP planning is inherent in our mission and all our functions. Every District Manager, whether in a military funded or civil funded position, is charged with the responsibility to plan, fund and train for the challenge of mobilization.

AMERICAN RED CROSS LOUISVILLE AREA CHAPTER

<http://www.louisville-redcross.org>



Each year the American Red Cross responds immediately to more than 100 million people. The American Red Cross Louisville Area Chapter, worked by Emergency Services caseworkers, responds to disasters that include natural disasters (flood, tornado, blizzard, etc.) to technological or man-made disasters (power outages, chemical spills, transportation accidents, etc. and to single family and multi-family residence fires.

The American Red Cross works with their community partners to help the public anticipate, survive, prevent and recover from disasters. The Red Cross provides practical and helpful awareness and educational information that shows the public how to save lives, reduce injuries and protect their homes from disaster. Red Cross relief focuses on meeting people's immediate emergency disaster-caused needs. When a disaster threatens or strikes, the Red Cross provides shelter, food and clothing to address basic human needs.

NSWC CRANE DIVISION, CRANE, IN

<http://www.crane.navy.mil>



The Crane Division of Naval Surface Warfare Center (NSWC) in Crane, Indiana is a shore command of the US Navy under the Naval Sea Systems Command, headquartered in Washington D.C.

The focus of NSWC Crane is harnessing the power of technology for the warfighter. NSWC Crane specializes in the Acquisition and Fleet support of Electronics, Ordnance and Electronic Warfare products and systems. The main facility is located in south-central Indiana with a detachment in Fallbrook, California.

Crane Division employees are deployed around the world with the fleet, major sponsors, and industry partners and are virtually at the Sailor's side with Distance Support technology.

U.S. GENERAL SERVICES ADMINISTRATION (GSA)

<http://www.gsa.gov>



The General Services Administration (GSA), established by the Federal Property and Administration Services Act in 1949, is one of three central management agencies in the federal government. GSA is headquartered in Washington, D.C., with 11 Regional Offices in Boston, New York, Philadelphia, Atlanta, Chicago, Kansas City, Fort Worth, Denver, San Francisco, Auburn (Washington), and Washington D.C.

GSA supports Federal employees wherever they work. GSA provides workspace, security, furniture, equipment, supplies, tools, computers, and telephones. They also provide travel and transportation services, manage the federal motor vehicle fleet, oversee telecommuting centers and federal child care centers, preserve historic buildings, and develop, advocate, and evaluate government-wide policy. GSA helps federal agencies better serve the public by offering at best value, superior workplaces, expert solutions, acquisition services and management policies.

ARMY NATIONAL GUARD (ARNG)

<http://www.arng.army.mil>



The Army National Guard is structured across 50 states, three territories and the District of Columbia. During national emergencies, the President reserves the right to mobilize the Army.

National Guard in federal status. Its federal mission is to maintain properly trained and equipped units available for prompt mobilization for war, national emergency or as otherwise needed. State Governors (serving as the commander in chief and the Adjutants' General) can call up members of the Army National Guard and are responsible for training and readiness in state status. Its state mission is to respond to fires, floods, tornadoes and hurricanes. During times of civil unrest, leadership of a state can be assured that the Guard will respond if needed. As the Nation's Militia Force, the Army National Guard's capabilities go beyond engineering, to include C2 and Disaster Preparedness.

AIR NATIONAL GUARD (ANG)

<http://www.ang.af.mil/>

ANG's mission is to provide combat capability to a warfighter and security to the homeland. Specifically, to provide ready units to the state and nation in three critical roles:

Federal Role: To support national security objectives

State Role: To protect life and property, and to preserve peace, order, and public safety

Community Role: To participate in local, state, and national programs that add value to America

KENTUCKY NATIONAL GUARD

www.state.ky.us/agencies/military/



The Kentucky National Guard has dual missions. The federal mission is to recruit, train and deploy military personnel and units anywhere in the world when ordered by the Department of Defense. The Guard also standards ready t assist state agencies and local governments during disasters and emergencies declared by the Governor. The Kentucky National Guard includes the KY Army National Guard, a component of the United States Army, and the KY Air National Guard, a US Air Force component.

INDIANA AIR NATIONAL GUARD

<http://www.inarnng.org>



There are countless instances over the years in which the Governor of Indiana has called the Guard into state service for assistance in disaster relief or to help maintain law and order. During the worst of tornados, flooding, blizzard conditions, failure of city and town utilities, aircraft crashes, domestic violence, and a host of other emergencies, it was, and will in the future be, the Indiana National Guard that has and will have the personnel, equipment, and training to respond immediately and professionally. The Indiana National Guard has served the citizens of Indiana many times during floods and other natural disasters.



SOCIETY OF AMERICAN MILITARY ENGINEERS (SAME)

<http://www.same.org>

Dedicated to national defense, SAME brings together professional engineers and those in engineering fields to improve and increase the engineering capabilities of the nation, and to exchange and advance the knowledge of engineering technologies, applications, and practices.

The Society was founded following World War I, in which engineers of the Army and Navy had served with thousands of civilian engineers taken into the military services for war duty. Similarly, during periods of peace, The Society, through its local chapters, has formed a link

between military and civilian engineers for training and preparedness, for development of resources and facilities in the national economy, and for enhancement of the engineering profession through education.

SAME is headquartered in Alexandria, Virginia, with chapters, called Posts, worldwide. The Society today has some 21,000 members from industry, the military, government, and academia. SAME members have a unique opportunity to learn about present and emerging capabilities and needs of the government, military, and private sector engineers; take part in continued education workshops and conferences; establish teaming and mentor relationships; contribute to the government's and industry's response to emergencies; participate in the Society's job search service; and receive professional publications produced by The Society.

THE CONSTRUCTION INDUSTRY

The US construction industry is the nation's largest category of industrial employers. As such, it contributes roughly 10 percent to the gross national product. With a proud, patriotic history, the industry has proven that it can expand its capacity to meet the nation's emergency requirements. In peacetime, defense needs consume only 2 to 3 percent of the construction industry's capacity. However, wartime requirements could consume as much as 60 percent of that capacity.

IV. EXECUTION

A. IMPLEMENTATION

This plan or portions thereof may be implemented on an as needed basis and without advance notice of an emergency. Normally, requests should be made from responsible government or agency officials such as the Louisville and Jefferson County Emergency Management Agency (LJCEMA), American Red Cross, U.S. Army Corps of Engineers, NAVFAC Engineering Command, National Guard, county Emergency Operations Offices, and others. Requests for assistance should be made to the Readiness Committee Chairperson or Readiness Committee Members identified in Appendix B.

B. DISASTER PREVENTION AND RECOVERY ACTIONS

Efforts to prevent and minimize the effects of natural disasters can prove vital and greatly reduce the demands of disaster recovery. Activities such as disaster education, effective communication mediums, proper response agencies and equipment, and emergency shelter preparation are just a few ways to mitigate the effects of disasters. The type of activities normally required in recovering from a natural disaster range from debris removal and emergency restoration of essential services to major reconstruction of all types of facilities, including bridge and road construction, survey inspections, renovation and reconstruction of structures, and restoration of utility systems. The construction industry, including Kentuckiana Post member firms, may be asked to help recover from these activities.

C. LOCAL RESPONSE

Kentuckiana Post member firms will receive all their direction in executing pre-emergency engineer planning, technical analyses, and damages assessment from the requesting Emergency Management Office (See Appendices D and E for a list of local EMA agencies and contacts respectively). These offices function as the principal advisor on disaster preparedness, response, and recovery efforts; optimizing the areas' capabilities by:

1. Assisting county and city agencies in the performance of their assigned responsibilities through planning emergency response and an Emergency Operations and Communications Center.
2. Coordinating Federal, State, County, City, volunteer, and private resources during times of major emergencies and disasters.
3. Pursuing and negotiating cooperative agreements and efforts to pool local public and private resources and contacts.
4. Providing education to the citizens of the Louisville Metro area regarding ways to minimize the personal effects of disasters.

D. STATE RESPONSE

If local responders are not able to appropriately respond to an emergency, state responders may assist. They would also provide the link between the local and federal actions, if necessary. Any Post support or relations with state response officials will be a result of coordination with the appropriate Emergency Management Office. (See Appendices D and E for a list of state EMA agencies and contacts).

E. FEDERAL RESPONSE

When a disaster threatens a community beyond the capabilities of local and state responders, federal help may be required. Again, any Post support or relations with state response officials will be a result of coordination with the appropriate Emergency Management Office. (See Appendices D and E for a list of federal EMA agencies and contacts).

V. MOBILIZATION READINESS

Prior to full military mobilization and dependent on congressional priorities, there may be a period of construction effort devoted to civil defense shelters, hardening of key communications facilities, emergency operations centers, infrastructure protection, and preparation for restoration of infrastructure following attack. If this does not occur in the days preceding a mobilization, it will become necessary thereafter.

During military mobilization, the focus of the nation's defense construction effort will be to first support the mobilization and deployment of both active and reserve component troops and provide construction support to other federal agencies. This support will consist of construction

at military installations, to include barracks, warehouses, utilities, waterfront structures, airfields, missile installations, transportation networks, and hospitals. As the mobilization continues, emphasis can be expected to shift from construction of military facilities to construction of industrial plants and transportation systems to support and sustain the force and to construction of civil defense structures, protection of infrastructure, and hardening of key facilities not yet protected.

This construction effort will require people skilled in nearly all engineering disciplines particularly structural, mechanical, electrical, and civil engineering. In addition to using the "old hands" in military programs, maximum use will be made of the skills found in the civil programs and in the civilian construction industry. We can gain valuable response time from prearranged contract knowledge and terms between the agencies and civilian contractors. Additional response time can be gained by training people who would be coming into military programs in some aspects of their mobilization assignments before mobilization occurs.

The primary locations for military construction work will center on existing installations. Facilities in **Kentucky** include:

- Fort Campbell
- Fort Knox
- Bluegrass Army Depot
- Louisville International Airport, Standiford Field, Air National Guard

Primary **Indiana** locations include:

- Atterbury Reserve Forces Training Area, Army National Guard
- Crane Division, Naval Surface Warfare Center
- Grissom Air Reserve Base
- Stout Field, Army National Guard

VI. CIVIL PREPAREDNESS AND READINESS

The process described for military mobilization will similarly help our response time and preparedness for civil disasters and emergencies. By clarifying channels of communications, contracting procedures, and individual responsibilities, the ability of local governments to respond to local emergencies and disasters will be greatly improved.

From time to time, local, regional, state and federal agencies conduct Civil Preparedness exercises. Too often these exercises only simulate the participation of key elements such as the A/E community and the contracting entities that will be needed to perform the work. Through SAME, more industry participation is possible in order to reach a more advanced state of readiness. The agencies conducting these exercises are encouraged to seek the voluntary

participation of SAME member firms and to have SAME representation at the various levels of activity. Conversely, we encourage our member firms to volunteer their services in these exercises. Only through such cooperation can we achieve an effective level of disaster preparedness, fulfill the industry's portion of the "partnership" language contained in the National Security Council's Document 47 and directly contribute to the SAME theme "Dedicated to the Nation's Defense".

A. NATURAL DISASTERS

Natural Disaster can disrupt the daily lives of American citizens and add strains on resources to the private sector. A natural disaster or emergency can strike anywhere and at any time. The most devastating natural disasters that can occur in the Louisville Metro area include: severe storms, tornados, and flooding. Other emergencies including winter storms, man-made hazardous materials spills, and utility failure, can also be anticipated. A disaster can build up over time, or suddenly impact a community without warning.

The better prepared we are, the faster the recovery effort will be.

Based on information provided by the Louisville Metro Emergency Management Agency, the Severe and High Risk Hazard events affecting the Kentuckiana Post area include:

- Severe thunderstorms
- Flooding
- Hailstorm
- Tornados

B. TERRORIST THREAT OR ACTIVITY

Not as unlikely as once believed, especially since the attack on New York's Twin Towers and the Pentagon in 2001, there are elements within our society that seek to enhance their own goals through sabotage of key buildings, installations and transportation and communications infrastructures. We must be vigilant to guard against future attacks and to provide vital emergency preparedness information to improve our readiness capabilities.

The construction industry may be called upon to help recover from these activities. Participation by member firms would be aimed at restoration of essential services, public safety, debris removal, and reconstruction of public facilities such as roads and bridges, utilities and other structures. Design consideration for new facilities should emphasize, where possible, mitigation of threat. The industry through SAME Kentuckiana Post's member firms can also make a contribution in this mitigation effort.

The Kentuckiana Post's sustaining member firms have the opportunity to showcase their disaster response expertise and equipment to government agencies by providing data included in the Fast Start plan.

VII. THE PROCESS

To maximize the deterrent value and mitigation capacity of the industry, a doctrine of planning, preparation, and organization must be known and practiced by industry. SAME is the organization best suited to facilitate this process.

A. REPORTING. As a private contractor, when and to whom do I report availability for work in an emergency?

A/E firms, contractors, suppliers, and subcontractors can be prepared to accept mobilization direction from the local contracting officer, from the US Army Corps of Engineers (USACE) District or Division Engineer or the NAVFAC EFD Commander in our local area. To insure timely and effective direction, these agencies need to know your firm's capabilities and assets. Without jeopardizing proprietary information, contractors who wish to accept mobilization work can report their assets, capabilities, and area of availability through the SAME Kentuckiana Post. SAME can play a role in educating firms in this process. Each interested firm normally maintains a current inventory of its assets and capabilities. Making this document available to these agencies through this plan will accomplish this purpose. Firms that see themselves playing a major role during mobilization in their locality should plan for that eventuality now. Sustaining members of SAME are being asked to provide this capability information as a part of *Operation Fast Start*. Other organizations are invited to join with us in this effort.

B. OPERATIONS. What is the nature of emergency operations?

Emergencies can run the gamut of situations from blizzards, floods, earthquakes and tornadoes to chemical and nuclear accidents, war mobilization and terrorist attacks. Operations at the peace to emergency interface are discontinuous, and time becomes the most precious resource. Private firms, whether they are A-E firms, contractors, suppliers, or subcontractors, must be able to make adjustments in their operations. New relationships must be established with local, state, regional, and national agencies to determine the response ethic necessary for the private sector to perform its role while averting panic. Again, SAME can act as the facilitator of this process. (A partial list of agencies and their contacts responsible for emergency response can be found in Appendix F and Appendix G respectively).

C. PROCEDURES. What types of contracting procedures can be expected during national emergencies?

The procedures will probably depend on the severity of the emergency and the response time required. The competitive bid process is always desirable but not always practical. In previous mobilization experiences, the use of cost plus fixed fee contracts was the norm, although not necessarily the most economical. Where competitive bid contracts can be used, history shows they should be used. Where expediency is most important, the cost plus fixed fee contract allows construction to begin before plans and specifications are finalized. It also guarantees that the contractor and A/E firm will be reimbursed for any rapidly rising, unpredictable labor and material costs necessary to perform the task they have been assigned. Standard procedures are established for A/E selection, contractor selection, types of contracts, percentage figures, cost plus fixed fee contracts, and different methods of contracting out work to accomplish the mission. The use of GSA schedules for expedited contracting is an additional option to obtain expedited services. Kentuckiana Post monthly meetings provide speakers and information on current contracting procedures.

D. LIABILITY. What relief from liability for ongoing projects can be expected?

Mechanisms to determine which projects are to be stopped and how, which projects should be continued, and which projects that should be started depend on the magnitude of the mobilization and the nature of the project. The government's mobilization efforts and priorities will be available to the private sector to facilitate private industry's conversion from peacetime work to the mobilization effort. Contractors will be engaged in both government contracts and

private contracts, and the rules for relief differ between the two. SAME can assist in this exchange.

E. DESIGN STANDARDS/STANDARD DESIGNS. What are the design standards for mobilization construction?

Peacetime standards provide "permanency," whereas emergency standards are best described as "expedient." Design criteria and standards and construction specifications standards for mobilization installations are being developed. A combined effort by the government, A/E firms, and contractors is necessary to establish standards consistent with good construction practices and with the environment of the area where the district or division offices are located. These design standards take into account the manpower, equipment, supplies, and subcontractors available within a mobilization period to perform the necessary construction activities. Mobilization construction, as currently envisioned, can use standard plans and noncritical materials, like wood. The objective is to build functional facilities in a minimum of time. It can be expected that maximum use of "alternatives" to construction will be sought, such as leasing civilian or other government facilities, and converting nonessential military facilities. The design of standard mobilization facilities is in progress, to include all drawings, standard specifications and individual bills of materials. These designs include all drawings. Once the specific construction requirements are established, a complete bill of materials can be compiled. This will allow a quick assessment of suppliers' ability to meet the demand for materials.

F. MANPOWER AND EQUIPMENT READINESS. How can the private sector enhance its readiness?

Prior planning and analysis is the key to enhanced readiness. First, a firm should examine its manpower availability under mobilization conditions. Key personnel who are members of the Active or Inactive Reserves should be identified and discounted, and plans should be made for filling gaps. Second, the change in employee priorities and needs during emergency conditions must be recognized. At these times, people's professional dedication will be tempered with worries about the safety of themselves and their families. A readiness plan must be sensitive to the psychological condition of those charged with its execution. The principals of a firm must be prepared to assume a leadership role in restoring order to the disorder that inevitably follows a mobilization.

Employees must be made to feel confident in their firm's ability to perform during emergency conditions. Also, emergency relationships with A/Es, subcontractors, and suppliers should be prepared based on specific sectors of emergency work. Finally, the organization should inform the local emergency authorities of its manpower preparedness.

Equipment readiness lists should be established with each firm that has submitted its qualifications and expertise and whose expertise will be needed in a mobilization deterrence. Lists for A/E firms should include all types of survey instruments, computers, plotters, and computer software. Contracting and construction firms should list necessary construction equipment, such as road building equipment, cranes, pile driving equipment, and small equipment necessary to perform the mission. All firms must address the equipment available in case of mobilization and keep the list continually updated.

VIII. THE FEEDBACK MECHANISM

Once we as a society of military and civilian engineers think through the probability of disaster, our ability to deter, and our response capability, important new thoughts, concepts, tactics, equipment, and processes will evolve. These can save precious minutes, lives, and property. It is here that SAME can play the greatest role. The Society must have a vehicle to make this happen -- to provide this feedback. The first step is this plan. The next step is to maintain the plan. You, the individual member, the Sustaining Member, the interested prospect, must provide us continual feedback in the form of questions, concerns, and suggestions for improvement, as well as updates of your readiness inventory. Please let us hear from you! Only through your involvement will this plan grow. Only through your involvement will our readiness condition improve.

SAME programs, including *Operation Fast Start*, will play an important part in mobilization readiness by facilitating contacts on an ongoing basis between government contracting officials, civil defense agencies, A/E firms, construction firms, and suppliers. The SAME post meetings, training seminars, conventions, and publications all help provide a degree of mobilization readiness to its members. It is the intent of the Society to further enhance this readiness posture by participating in civil defense and mobilization exercises being conducted by local emergency preparedness agencies. In this fashion, our members can become aware of the standardized methods of construction, the "M-drawings", and master planning already in place, and participate in the further development and refinement of these mobilization tools.

APPENDICES

APPENDIX A	SAME Membership Profile Questionnaire
APPENDIX B	Kentuckiana Post Readiness Committee Members
APPENDIX C	SAME Membership
APPENDIX D	Agency Listing
APPENDIX E	Emergency Management Contacts
APPENDIX F	State 24-hour Warning Points

APPENDIX A: SAME Membership Profile Questionnaire

(This data will be used in Post's OPERATION FAST START PLAN. Your participation is VERY IMPORTANT!)

Please respond to the items with your firm's or your own personal expertise in mind, whether it is design, consulting, construction, or supply. If you have suggestions to improve this form for future updates, please let us know. Thank you.

1. Please enter your firm information:

Firm Name: _____
Address: _____
City: _____ State: _____ Zip: _____
Phone: () _____ Fax: () _____
Web Address: _____

2. Select categories that best describe your firm:

Supplier Design-Build Management Technical Services
 Architect/Engineer Distribution-Supply Manufacturing Other
 Architect Engineer Planning
 Construction Environmental Surveying/Mapping

3. Geographic work areas:

Southern IN Northern KY Other Areas: Northeast and Mid-Atlantic US

4. Number of Employees: 4,500

5. Indicate your firm type:

Large Business Woman Owned Small Business
 Small Business Veteran Owned Small Business
 Small Disadvantaged Business Disabled Veteran Owned Small Business
 HUBZone Small Business Other
 Minority Owned Small Business

6. Provide Contact(s) for your Firm

	Primary Contact	Alternate Contact
Name:	_____	_____
Address:	_____	_____
City/State/Zip:	_____	_____
Phone:	_____	_____
Cellular:	_____	_____
Fax:	_____	_____
Email:	_____	_____

7. Emergency Response Support Classifications (Select all that apply):

- Transportation: highways, bridges, rail, airports, marine
- Communications: telecommunications
- Public Works: restoration, engineering, planning, design, construction, demolition
- Fire Fighting: management, coordination, detection, suppression
- Information and Planning: collection, evaluation, and processing
- Mass Care: shelter, first aid, public health response, triage, patient evacuation and transportation
- Resource Support: evaluation, location, procurement, stock, surplus
- Hazardous Materials: prevention, release mitigation and management, assessment/investigation, cleanup
- Urban Search & Rescue: Immediate lifesaving response, specialized equipment & teams, federal aircraft
- Food: Bulk Acquisition and distribution
- Energy: emergency power and fuel provisions coordination, damage assessment and system restoration, supply and demand assessment
- Anti-terrorism/Force Protection: planning, design, training, exercises

8. Firm Capabilities (Select all that apply):

- | | |
|---|---|
| <input type="checkbox"/> Aerial Photography | <input type="checkbox"/> Heating and Air Conditioning |
| <input type="checkbox"/> Airfield Facilities | <input type="checkbox"/> Highways & Bridges |
| <input type="checkbox"/> Airfield Infrastructure | <input type="checkbox"/> Housing |
| <input type="checkbox"/> Asbestos/Lead Abatement | <input type="checkbox"/> Hydroelectric Power |
| <input type="checkbox"/> Buildings | <input type="checkbox"/> Laboratory, Environmental |
| <input type="checkbox"/> Communications Systems | <input type="checkbox"/> Legal Services |
| <input type="checkbox"/> Chemical/Biological/Radiation Expert | <input type="checkbox"/> Marine Facilities |
| <input type="checkbox"/> Dams and Levees | <input type="checkbox"/> Materials Testing |
| <input type="checkbox"/> Decontamination | <input type="checkbox"/> Multimedia Environmental Health Monitoring |
| <input type="checkbox"/> Demolition | <input type="checkbox"/> Natural Resources |
| <input type="checkbox"/> Design-Build | <input type="checkbox"/> Noise Abatement |
| <input type="checkbox"/> Dredging | <input type="checkbox"/> Nuclear Ordinance Disposal |
| <input type="checkbox"/> Electrical Engineering | <input type="checkbox"/> Parks & Recreation |
| <input type="checkbox"/> Emergency Response Coordination/Scheduling | <input type="checkbox"/> Pipelines |
| <input type="checkbox"/> Emergency Response Design | <input type="checkbox"/> Radon |
| <input type="checkbox"/> Emergency Response Oversight/Monitoring | <input type="checkbox"/> Rail & Transit Systems |
| <input type="checkbox"/> Energy & Power | <input type="checkbox"/> Risk Management/Evaluation |
| <input type="checkbox"/> Engineering Controls (PPE) | <input type="checkbox"/> Security Systems |
| <input type="checkbox"/> Environmental Engineering | <input type="checkbox"/> Structural Engineering |
| <input type="checkbox"/> Environmental Assessment/Investigation | <input type="checkbox"/> Surveying & Mapping |
| <input type="checkbox"/> Environmental Remediation | <input type="checkbox"/> Transportation Management |
| <input type="checkbox"/> Financial | <input type="checkbox"/> Utility Systems |
| <input type="checkbox"/> Fire Protection Engineering | <input type="checkbox"/> Value Engineering |
| <input type="checkbox"/> Geo-technical | <input type="checkbox"/> Vulnerability Assessments |
| <input type="checkbox"/> GIS Mapping | <input type="checkbox"/> Water Resources Planning |
| <input type="checkbox"/> Hazardous Mat/Waste Assessment/Cleanup | <input type="checkbox"/> Water Treatment/Systems |
| <input type="checkbox"/> Hazardous Mat/Waste Transport/Disposal | <input type="checkbox"/> Wastewater Systems |

9. Act 20 Training

Persons who have been trained and/or have experience in Applied Technology Council's ACT 20 - "Procedures for Post Earthquake Safety Evaluation of Buildings."

	Act 20 Contact: #1	Act 20 Contact #2
Name:	_____	_____
Training Date:	_____	_____
Office Location:	_____	_____
Office Phone:	_____	_____
Cellular:	_____	_____
Email:	_____	_____
Does contact have actual experience?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
After a National Emergency, would Contact 1 volunteer to work in this capacity?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>

APPENDIX B: KENTUCKIANA POST READINESS COMMITTEE MEMBERS

Frank Terak
Readiness Co-Chair
(412) 269-6077
FTerak@mbakercorp.com

Gregory Croon
Readiness Co-Chair
(502) 315-6598
Gregory.S.Croon@LRL02.usace.army.mil

Pete Johnson, PE
Homeland Security Co-Chair
(859) 223-3999
PJohnson@grwinc.com

LTC Jeff Ogden
Homeland Security Co-Chair
(502) 315-6103
Jeffrey.S.Ogden@LRL02.usace.army.mil

APPENDIX C: SAME MEMBERSHIP

The Society of American Military Engineers (SAME) brings together professional engineers and those in the engineering-related fields to:

- Improve and increase the engineering capabilities of the nation; and
- To exchange and advance the knowledge of engineering technologies, applications, and practices

SAME is a nonprofit professional engineer association. It is headquartered in Alexandria, Virginia with chapters (called Posts) worldwide.

Founded in 1920 to engage military and federal government engineers with those in private life for the purpose of improving the engineering potential of the United States, The Society today has some 25,000 members from industry, the military, government, and academia.

Why Join?

Because you, or your organization, wish to associate with professional engineers in most disciplines and in many engineering-related fields:

- To learn about current and emerging capabilities and needs of government, military, and private sector engineers;
- To participate in professional, technical, and educational workshops and conferences, and earn credit for doing so;
- To establish partnering, teaming and mentor-protégé relationships and other business development opportunities;
- To expand the capacity of government and industry to respond to emergencies and disasters;
- To receive professional publications produced by The Society and participate in its job referral/resume matching service and several affinity benefit programs.

How to Join:

You may wish to complete an application for either:

- Individual Membership
- Sustaining Membership (Corporate)
- Sustaining Membership (Public Agency)

Visit the SAME website for more information on how to join at: <http://www.same.org>

Society of American Military Engineers (SAME)
607 Prince Street, Alexandria, VA 22314-3117
(703) 549-3800

APPENDIX D: SAME SUSTAINING MEMBERS

This section of the Kentuckiana Post Fast Start Plan provides information on capable contractors and consultants who have willingly committed their services to the Kentuckiana Post to help the Louisville metro area in case of disasters or emergencies.

Each member firm is represented with points of contact, capabilities, and geographic reach that the firm is willing to provide. All contracts entered into are the business of sustaining member firms and the government entity requesting that service.

Armag Corporation			
Firm Details		Emergency Response Classif.	Capabilities
Address	40 Lucknow Court Bardstown, KY 40004	Anti-terrorism/Force Protection Public Works	Buildings
Telephone	502-348-3987		
Fax	502-348-4801		
Web	www.armagcorp.com		
Category	Manufacturing		
Regions	Worldwide		
Primary Contact			
Primary Contact	Karlos Bruce, Director of Sales & Marketing		
Office	502-348-3987		
Cell	502-489-4146		
Email	karlosb@armagcorp.com		
Alternate Contact			
Alternate Contact	Paul Haydon, Executive Vice-President		
Office	502-348-3987		
Cell	502-507-7830		
Email	paulh@armagcorp.com		
ATC 20 Training			
Name			
Experience?			
Available?			

Black & Veatch			
Firm Details		Emergency Response Classif.	Capabilities
Address	6601 College Boulevard Overland Park, KS 66211	Anti-terrorism/Force Protection Communications Energy Hazardous Materials Information and Planning Public Works Resource Support Transportation	Airfield Facilities Airfield Infrastructure Asbestos/Lead Abatement Buildings Chemical/Biological/Radiation Expert Communications Systems Dams and Levees Demolition Design-Build Dredging Electrical Engineering Emergency Response Coordination/Sched Emergency Response Design Emergency Response Oversight/Monitoring Energy & Power Engineering Controls (PPE) Environmental Assessment/Investigation Environmental Engineering Environmental Remediation Fire Protection Engineering Geo-technical GIS Mapping
Telephone	913-458-2000		
Fax	913-458-9391		
Web	www.bv.com		
Category	Architect/Engineer		
Regions	Worldwide		
Primary Contact			
Primary Contact	Jim Waller, Vice President		
Office	913-458-9321		
Cell	913-314-7752		
Email	wallerjw@bv.com		
Alternate Contact			
Alternate Contact	Harold Sprague, Project Manager		
Office	913-458-6691		
Cell			
Email	spragueho@bv.com		
ATC 20 Training			
Name			
Experience?			
Available?			

Burgess & Niple Inc.			
<i>Firm Details</i>		<i>Emergency Response Classif.</i>	<i>Capabilities</i>
Address	5085 Reed Road Columbus, OH 43220	Anti-terrorism/Force Protection	Airfield Facilities
Telephone	614-459-2050	Hazardous Materials	Airfield Infrastructure
Fax	614-451-1385	Public Works	Asbestos/Lead Abatement
Web	www.burgessniple.com	Transportation	Buildings
Category	Architect/Engineer		Dams and Levees
Regions	Southern Indiana Northern Kentucky Continental United States		Decontamination
Primary Contact			Demolition
Primary Contact	Mark Rowland, Director Environmental Division		Design-Build
Office	614-459-2050 ext-329		Electrical Engineering
Cell			Environmental Assessment/Investigation
Email	mrowland@burnip.com		Environmental Engineering
Alternate Contact			Environmental Remediation
Alternate Contact	Ken Cristofani, Federal Business Development		Geo-technical
Office	614-459-2050 ext-532		GIS Mapping
Cell	614-353-8520		Haz Materials/Waste Assessment/Cleanup
Email	kcristofani@burnip.com		Heating and Air Conditioning
ATC 20 Training			Highways & Bridges
Name	Mark Bernhardt		Housing
Experience?	Yes		Parks & Recreation
Available?	Yes		Pipelines
			Rail & Transit Systems
			Risk Management/Evaluation
			Structural Engineering
			Surveying & Mapping
			Transportation Management
			Utility Systems
			Value Engineering
			Vulnerability Assessments
			Wastewater Systems
			Water Resources Planning
			Water Treatment/Systems

CAPE			
<i>Firm Details</i>		<i>Emergency Response Classif.</i>	<i>Capabilities</i>
Address	91 Noll Street Waukegan, IL 60085	Anti-terrorism/Force Protection	Asbestos/Lead Abatement
Telephone	847-336-4341	Hazardous Materials	Buildings
Fax	847-336-4971	Public Works	Decontamination
Web	www.cape-inc.com		Demolition
Category	Construction		Design-Build
Regions	Southern Indiana Northern Kentucky nationwide		Emergency Response Coordination/Sched
Primary Contact			Environmental Assessment/Investigation
Primary Contact	Mike Healy, Program Manager		Environmental Engineering
Office	847-336-4341		Environmental Remediation
Cell	847-682-3787		Haz Materials/Waste Assessment/Cleanup
Email	mhealy@cape-inc.com		Haz Materials/Waste Transport/Disposal
Alternate Contact			Multimedia Envir. Health Monitoring
Alternate Contact	Monica Cooper, Director Business Development		Risk Management/Evaluation
Office	949-474-3090		Value Engineering
Cell			Wastewater Systems
Email			Water Treatment/Systems
ATC 20 Training			
Name			
Experience?			
Available?			

Chase Environmental Group			
<i>Firm Details</i>		<i>Emergency Response Classif.</i>	<i>Capabilities</i>
Address	11450 Watterson Ct. Louisville, KY 40299	Hazardous Materials Public Works	Asbestos/Lead Abatement Chemical/Biological/Radiation Expert Decontamination Demolition Environmental Remediation Haz Materials/Waste Assessment/Cleanup Haz Materials/Waste Transport/Disposal Nuclear Ordinance Disposal Radon
Telephone	502-267-1455		
Fax	502-267-7299		
Web	www.chaseenv.com		
Category	Environmental		
Regions	Nationwide		
<i>Primary Contact</i>			
Primary Contact	Karen Crawford, Principal		
Office	502-267-1455		
Cell	502-592-9056		
Email	kec@chaseenv.com		
<i>Alternate Contact</i>			
Alternate Contact	Chris Ward, Principal		
Office	502-267-1455		
Cell	502-609-2630		
Email	cward@chaseenv.com		
<i>ATC 20 Training</i>			
Name			
Experience?			
Available?			

DataChem Laboratories Inc			
<i>Firm Details</i>		<i>Emergency Response Classif.</i>	<i>Capabilities</i>
Address	960 West LeVoy Salt Lake City, UT 84123	Hazardous Materials	Chemical/Biological/Radiation Expert Laboratory, Environmental
Telephone	801-266-7700		
Fax	801-268-4748		
Web	www.datachem.com		
Category	Environmental		
Regions	Southern Indiana Northern Kentucky US and outside the US		
<i>Primary Contact</i>			
Primary Contact	Brent Stephens, Laboratory Manager		
Office	801-266-7700		
Cell			
Email	stephens@datachem.com		
<i>Alternate Contact</i>			
Alternate Contact	Claudia Clark, Business Development		
Office	270-422-1506		
Cell	270-723-2179		
Email	cclark@bbtel.com		
<i>ATC 20 Training</i>			
Name			
Experience?			
Available?			

Earth Tech Inc.				
<i>Firm Details</i>		<i>Emergency Response Classif.</i>	<i>Capabilities</i>	
Address	117A Broadway Avenue Oak Ridge, TN 37930	Hazardous Materials	Airfield Facilities	Multimedia Envir. Health Monitoring
Telephone	865-483-9404		Airfield Infrastructure	Natural Resources
Fax	865-481-3834		Asbestos/Lead Abatement	Noise Abatement
Web	www.earthtech.com		Buildings	Pipelines
Category	Surveying/Mapping		Dams and Levees	Rail & Transit Systems
Regions	Southern Indiana Northern Kentucky National		Decontamination	Risk Management/Evaluation
Primary Contact			Demolition	Structural Engineering
Primary Contact	Patrick Flood,		Design-Build	Surveying & Mapping
Office	865-483-9404		Dredging	Transportation Management
Cell			Electrical Engineering	Value Engineering
Email	pat.flood@earthtech.com	Emergency Response Coordination/Sched	Vulnerability Assessments	
Alternate Contact		Emergency Response Design	Wastewater Systems	
Alternate Contact	Keith Owens, Sr. Geologist	Emergency Response Oversight/Monitoring	Water Resources Planning	
Office	865-483-9404	Engineering Controls (PPE)	Water Treatment/Systems	
Cell	865-604-6695	Environmental Assessment/Investigation		
Email	keith.owens@earthtech.com	Environmental Engineering		
ATC 20 Training		Environmental Remediation		
Name		Geo-technical		
Experience?		GIS Mapping		
Available?		Haz Materials/Waste Assessment/Cleanup		
		Highways & Bridges		
		Housing		

Fuller Mossbarger Scott & May Engineers Inc.				
<i>Firm Details</i>		<i>Emergency Response Classif.</i>	<i>Capabilities</i>	
Address	1409 N. Forbes Road Lexington, KY 40511	Hazardous Materials Public Works Transportation	Asbestos/Lead Abatement	
Telephone	859-422-3000		Dams and Levees	
Fax	858-422-3100		Dredging	
Web	www.fmsm.com		Environmental Assessment/Investigation	
Category	Engineering		Environmental Engineering	
Regions	Southern Indiana Northern Kentucky KY, OH, IN, MO, GA and surrounding states		Geo-technical	
Primary Contact			GIS Mapping	
Primary Contact	Stephen Bickel, Vice-President		Haz Materials/Waste Assessment/Cleanup	
Office	502-212-5075		Highways & Bridges	
Cell	502-558-0319		Marine Facilities	
Email	sbickel@fmsm.com	Materials Testing		
Alternate Contact		Natural Resources		
Alternate Contact	Stephen Scott, Vice President	Parks & Recreation		
Office	859-422-3016	Pipelines		
Cell	859-806-0036	Rail & Transit Systems		
Email	sscott@fmsm.com	Risk Management/Evaluation		
ATC 20 Training		Structural Engineering		
Name		Utility Systems		
Experience?		Value Engineering		
Available?		Vulnerability Assessments		
		Wastewater Systems		

GRW Inc.				
<i>Firm Details</i>		<i>Emergency Response Classif.</i>	<i>Capabilities</i>	
Address	801 Corporate Drive Lexington, KY 40503	Anti-terrorism/Force Protection Communications	Aerial Photography Airfield Facilities	Structural Engineering Surveying & Mapping
Telephone	859-223-3999	Energy	Airfield Infrastructure	Transportation Management
Fax	859-223-8917	Information and Planning	Asbestos/Lead Abatement	Utility Systems
Web	www.grwinc.com	Public Works	Buildings	Wastewater Systems
Category	Architect/Engineer	Transportation	Communications Systems	Water Resources Planning
Regions	Southern Indiana Northern Kentucky Throughout KY & TN		Demolition	Water Treatment/Systems
Primary Contact			Design-Build	
Primary Contact	Pete Johnson, Director of Military Programs		Electrical Engineering	
Office	859-223-3999		Energy & Power	
Cell	859-333-2329		Engineering Controls (PPE)	
Email	pjohnson@grwinc.com		Environmental Assessment/Investigation	
Alternate Contact			Environmental Engineering	
Alternate Contact	Ralph Johanson, Vice President		Fire Protection Engineering	
Office	502-489-8484		GIS Mapping	
Cell	502-523-6823		Heating and Air Conditioning	
Email	rjohanson@grwinc.com		Highways & Bridges	
ATC 20 Training			Housing	
Name			Noise Abatement	
Experience?			Parks & Recreation	
Available?			Pipelines	
			Security Systems	

HNTB Corporation				
<i>Firm Details</i>		<i>Emergency Response Classif.</i>	<i>Capabilities</i>	
Address	401 West Main Street Suite 601 Louisville, KY 40202	Anti-terrorism/Force Protection Communications	Airfield Facilities Airfield Infrastructure	Highways & Bridges Housing
Telephone	502-581-0985	Hazardous Materials	Asbestos/Lead Abatement	Marine Facilities
Fax	502-581-0987	Information and Planning	Buildings	Materials Testing
Web	www.hntb.com	Public Works	Chemical/Biological/Radiation Expert	Natural Resources
Category	Engineering	Resource Support	Communications Systems	Noise Abatement
Regions	Southern Indiana Northern Kentucky 63 offices across the US	Transportation	Dams and Levees	Parks & Recreation
Primary Contact			Decontamination	Pipelines
Primary Contact	Chad Modesitt, Director of Operations		Demolition	Rail & Transit Systems
Office	502-581-0985		Design-Build	Structural Engineering
Cell			Dredging	Surveying & Mapping
Email	cmodesitt@hntb.com		Electrical Engineering	Transportation Management
Alternate Contact			Emergency Response Oversight/Monitoring	Utility Systems
Alternate Contact	Susan Rich, Project Manager		Environmental Assessment/Investigation	Value Engineering
Office	502-581-0985		Environmental Engineering	Vulnerability Assessments
Cell			Environmental Remediation	Wastewater Systems
Email	srich@hntb.com		Financial	Water Resources Planning
ATC 20 Training			Geo-technical	Water Treatment/Systems
Name			GIS Mapping	
Experience?			Haz Materials/Waste Assessment/Cleanup	
Available?			Haz Materials/Waste Transport/Disposal	
			Heating and Air Conditioning	

LJB Inc.			
Firm Details		Emergency Response Classif.	Capabilities
Address	3100 Research Boulevard P.O. Box 20246 Dayton, OH 45044	Anti-terrorism/Force Protection Hazardous Materials	Airfield Facilities Airfield Infrastructure Transportation Management Utility Systems
Telephone	937-259-5000	Information and Planning	Value Engineering
Fax	937-259-5100	Public Works	Vulnerability Assessments
Web	LJBinc.com	Transportation	Wastewater Systems
Category	Architect/Engineer		Water Resources Planning
Regions	Southern Indiana Northern Kentucky Continental U.S.		Water Treatment/Systems
Primary Contact			
Primary Contact	Grant Bartee, Principal		
Office	937-259-5078		
Cell	937-657-6278		
Email	gbartee@LJBinc.com		
Alternate Contact			
Alternate Contact	Kevin Wilcox, Principal		
Office	937-259-5039		
Cell	937-478-1257		
Email	kwilcox@LJBinc.com		
ATC 20 Training			
Name			
Experience?			
Available?			

MACTEC Engineering and Consulting Inc.			
Firm Details		Emergency Response Classif.	Capabilities
Address	13425 Eastpoint Centre Drive Suite 122 Louisville , KY 40223	Hazardous Materials Public Works Transportation	Airfield Facilities Airfield Infrastructure Rail & Transit Systems Risk Management/Evaluation
Telephone	502-253-2500		Structural Engineering
Fax	502-253-2501		Surveying & Mapping
Web	http://www.mactec.com		Value Engineering
Category	Architect/Engineer		Wastewater Systems
Regions	Southern Indiana Northern Kentucky Midwest and Nationwide		Water Treatment/Systems
Primary Contact			
Primary Contact	Nicholas (Nick) G. Schmitt PE,		
Office	502-253-2514		
Cell	502-777-4656		
Email	ngschmitt@mactec.com		
Alternate Contact			
Alternate Contact	Milo Eldridge,		
Office	502-253-2478		
Cell			
Email	mbeldridge@mactec.com		
ATC 20 Training			
Name			
Experience?			
Available?			

Mason & Hanger			
<i>Firm Details</i>		<i>Emergency Response Classif.</i>	<i>Capabilities</i>
Address	300 West Vine Street Suite 1300 Lexington, KY 40507	Anti-terrorism/Force Protection Communications	Airfield Facilities Airfield Infrastructure
Telephone	859-252-9980	Fire Fighting	Buildings
Fax	859-389-8870	Public Works	Communications Systems
Web	www.masonandhanger.com	Transportation	Demolition
Category	Architect/Engineer		Design-Build
Regions	Nationwide		Electrical Engineering
			Fire Protection Engineering
			Heating and Air Conditioning
			Security Systems
			Structural Engineering
			Utility Systems
			Value Engineering
<i>Primary Contact</i>			
Primary Contact	Ron Smith, Director of A/E Services		
Office	859-252-9980		
Cell	502-320-9499		
Email	ron.smith@masonandhanger.com		
<i>Alternate Contact</i>			
Alternate Contact	Marvin Heymann, Director of Design/Build		
Office	859-252-9980		
Cell	859-351-5706		
Email	marvin.heyman@masonandhanger.com		
<i>ATC 20 Training</i>			
Name			
Experience?			
Available?			

Michael Baker Jr Inc			
<i>Firm Details</i>		<i>Emergency Response Classif.</i>	<i>Capabilities</i>
Address	Airside Business Park 100 Airside Drive Moon Township, PA 15108	Anti-terrorism/Force Protection Hazardous Materials	Airfield Facilities Airfield Infrastructure Multimedia Envir. Health Monitoring Natural Resources
Telephone	412-269-6300	Public Works	Noise Abatement
Fax	412-375-3980	Transportation	Pipelines
Web	http://www.mbakercorp.com	Resource Support	Rail & Transit Systems
Category	Architect/Engineer		Risk Management/Evaluation
Regions	Southern Indiana Northern Kentucky Nationwide		Structural Engineering
			Surveying & Mapping
			Transportation Management
			Value Engineering
			Vulnerability Assessments
			Wastewater Systems
			Water Resources Planning
			Water Treatment/Systems
			Energy & Power
			Heating and Air Conditioning
			Laboratory, Environmental
			Parks & Recreation
			Utility Systems
<i>Primary Contact</i>			
Primary Contact	Frank Terak, Assistant Vice President		
Office	412-269-6077		
Cell	412-720-5851		
Email	fterak@mbakercorp.com		
<i>Alternate Contact</i>			
Alternate Contact	Rick Bernet, Senior Program Manager		
Office	412-375-3104		
Cell	412-327-0862		
Email	rbernet@mbakercorp.com		
<i>ATC 20 Training</i>			
Name			
Experience?			
Available?			

SAIC			
<i>Firm Details</i>		<i>Emergency Response Classif.</i>	<i>Capabilities</i>
Address	8866 Commons Blvd Suite 201 Twinsburg, OH 44067	Anti-terrorism/Force Protection Communications	Asbestos/Lead Abatement Chemical/Biological/Radiation Expert Nuclear Ordinance Disposal Risk Management/Evaluation
Telephone	330-405-9810	Energy	Security Systems
Fax	330-405-9811	Hazardous Materials	Surveying & Mapping
Web	www.saic.com	Information and Planning	Transportation Management
Category	Environmental	Public Works	Value Engineering
Regions	Nationwide	Resource Support	Vulnerability Assessments Water Resources Planning
<i>Primary Contact</i>			
Primary Contact	Jeff Dick, Vice President		
Office	330-405-5807		
Cell	216-287-4222		
Email	Dickje@saic.com		
<i>Alternate Contact</i>			
Alternate Contact	Lisa Jone-Bateman, Vice President		
Office	703-318-4709		
Cell	703-725-9442		
Email	batemanl@saic.com		
<i>ATC 20 Training</i>			
Name			
Experience?			
Available?			

Strand Associates			
<i>Firm Details</i>		<i>Emergency Response Classif.</i>	<i>Capabilities</i>
Address	325 W. Main St. Suite 710 Louisville, KY 40202	Anti-terrorism/Force Protection Information and Planning	Buildings Communications Systems Water Resources Planning Water Treatment/Systems
Telephone	502-583-7020	Public Works	Dams and Levees
Fax	502-583-7026	Resource Support	Design-Build
Web	www.strand.com	Transportation	Dredging
Category	Engineering		Electrical Engineering
Regions	Southern Indiana Northern Kentucky Entire Kentuckiana Post area, plus much of the US		Energy & Power Engineering Controls (PPE) Environmental Assessment/Investigation
<i>Primary Contact</i>			
Primary Contact	Clay Kelly,		Environmental Engineering
Office	502-583-7020		Heating and Air Conditioning
Cell	502-930-3020		Highways & Bridges
Email	clay.kelly@strand.com		Parks & Recreation
<i>Alternate Contact</i>			
Alternate Contact	Roddy Williams, Engineer Corporate Director of Marketing		Pipelines
Office	502-583-7020		Risk Management/Evaluation
Cell	502-551-4160		Structural Engineering
Email	roddy.williams@strand.com		Surveying & Mapping
<i>ATC 20 Training</i>			
Name			Transportation Management
Experience?			Utility Systems
Available?			Value Engineering Vulnerability Assessments Wastewater Systems

The Lusk Group			
Firm Details		Emergency Response Classif.	Capabilities
Address	4065 Highway 60 Vine Grove, KY 40175	Energy	Asbestos/Lead Abatement
Telephone	270-828-2204	Fire Fighting	Buildings
Fax	270-828-2221	Hazardous Materials	Demolition
Web	WWW.theluskgroup.com	Public Works	Design-Build
Category	Construction	Resource Support	Energy & Power
Regions	Southern Indiana Northern Kentucky Ohio, Nebraska, Wisconsin		Environmental Remediation
Primary Contact			Financial
Primary Contact	Wendell L. Goodman,		Geo-technical
Office	270-828-2204		Haz Materials/Waste Assessment/Cleanup
Cell			Haz Materials/Waste Transport/Disposal
Email	luskmech@bbtel.com		Heating and Air Conditioning
Alternate Contact			Housing
Alternate Contact	Dr. William (Bill) R. Richards Sr. PE PhD, Dir. New BD		Parks & Recreation
Office	270-828-2204		Pipelines
Cell	321-537-3260		Security Systems
Email	Y2K_Gold_and_Silver@YAHOO.COM		Transportation Management
ATC 20 Training			Utility Systems
Name			Wastewater Systems
Experience?	Yes		Water Resources Planning
Available?	Yes		Water Treatment/Systems

Woolpert Inc			
Firm Details		Emergency Response Classif.	Capabilities
Address	1200 Corporate Court Ashland, KY 41102	Anti-terrorism/Force Protection	Aerial Photography
Telephone	606.329.1948	Public Works	Airfield Facilities
Fax	606.324.0147	Transportation	Airfield Infrastructure
Web	www.woolpert.com		Buildings
Category	Engineering		Demolition
Regions	Southern Indiana Northern Kentucky Midwestern & Southeastern States		Design-Build
Primary Contact			Electrical Engineering
Primary Contact	Ralph Norman, Vice President		Engineering Controls (PPE)
Office	606-329-1948		Environmental Assessment/Investigation
Cell	606-922-1989		Environmental Engineering
Email	ralph.norman@woolpert.com		GIS Mapping
Alternate Contact			Highways & Bridges
Alternate Contact	Shane Imwalle, Vice President		Housing
Office	937-461-5660		Parks & Recreation
Cell	937-609-5413		Pipelines
Email	shane.imwalle@woolpert.com		Structural Engineering
ATC 20 Training			Surveying & Mapping
Name			Value Engineering
Experience?			Wastewater Systems
Available?			Water Resources Planning
			Water Treatment/Systems

Sustaining Members from which information has not yet been provided are listed below:

- 3001, Inc.
- AMEC Earth & Environmental, Inc.
- ARCADIS
- Armag Corporation
- Barge Waggoner Sumner & Cannon, Inc.
- Baysinger Design Group, Inc.
- Black & Veatch Special
- Projects Corporation
- Burgess & Niple
- Cape Environmental Mgmt. Ltd.
- CDM Federal Programs Corp.
- CH2M Hill, Inc.
- Chase Environmental
- DataChem Laboratories, Inc.
- Dunaway Engineering, Inc.
- EA Engineering Science & Technology, Inc.
- Earth Tech, Inc.
- EMH&T Engineers
- EnSafe, Inc.
- Environmental Chemical Corp.
- EQ/Environmental Quality Management, Inc.
- GAI Consultants Inc.
- Gannett Fleming, Inc.
- GRW Engineers, Inc.
- H.C. Nutting Company
- HNTB Corporation
- Horner & Shifrin, Inc.
- Howard W. Pence, Inc.
- JACOBS
- James N. Gray, Company
- KBR
- Lawhon & Associates, Inc.
- LJB, Inc.
- Louisville & Jefferson County
- Metropolitan Sewer District
- Lusk Mechanical Contractors, Inc.
- MACTEC Engineering and Consulting
- Mascaro Construction Co., L.P.
- MWH Americas, Inc
- O'Brien & Gere
- Palmer Engineering Co.
- Parsons
- Parsons Brinckerhoff
- PEER Consultants, P.C.
- Plexus Scientific Corp.
- Professional Environmental Engineers, Inc.
- Qk4 Engineers, Inc.
- Quality Environmental Professionals, Inc.
- Quest Engineers, Inc.
- R.W. Armstrong & Associates, Inc.
- Science Applications International Corporation
- Shaw Environmental & Infrastructure, Inc.
- Shook Construction
- Skees Engineering, Inc.
- Specialty Earth Sciences, LLC
- Stanley Consultants, Inc.
- Strand Associates/PEH Engineers
- Terraine, Inc.
- Tetra Tech, Inc.
- The Mason & Hanger Group, Inc.
- The Schneider Corporation
- Third Rock Consultants, LLC
- TJC Engineering, Inc.
- URS Corporation
- Vaughn & Melton Consulting Engineers
- Washington Group International, Inc.
- WESTON Solutions, Inc.
- Woolpert, Inc.

APPENDIX E: AGENCY LISTING

FEDERAL AGENCIES

Department of Defense

National Response Center:	800-688-9889
U.S. Army Corps of Engineers, Louisville District (HQ):	502-315-6768
Naval Facilities Engineering Command (NAVFAC):	202-685-9126
Army National Guard:	800-464-8273
Air National Guard:	800-864-6264

Department of Homeland Security

Federal Emergency Management Agency (FEMA):	800-462-9029
United States Coast Guard	1-877-NOW-USCG

Department of Housing and Urban Development (HUD)

National Institute of Health (NIH):	800-336-4797
Center for Disease Control (CDC):	888-232-3299
Surgeon General:	301-443-4000

Department of Justice

United States Marshals Service:	502-582-5141
Federal Bureau of Investigation (FBI):	502-583-3941
Drug Enforcement Administration (DEA):	502-582-5908

Department of Transportation

Coast Guard:	502-582-5194
Federal Aviation Administration (FAA):	800-322-7873
Federal Highway Administration:	703-235-0531

Department of Treasury

United States Secret Service:	502-582-5171
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Department of Labor (DOL)

Mine Safety and Health Administration:	800-356-4674
Kentucky Mine Safety Review Committee:	502-573-0140

General Services Administration (GSA):	877-472-3777
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National Transportation Safety Board (NTSB):	202-314-6540
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National Domestic Preparedness Office (NDPO):	202-324-9025
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Environmental Protection Agency (EPA, Region IV):	502-564-2150
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Environmental Protection Agency (EPA, Region V):	800-621-8431-Hotline
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STATE AGENCIES

KENTUCKY

Kentucky Department of Homeland Security

Alecia Webb-Edgington
Director of Homeland Security
200 Metro Street
Frankfort, KY 40622
<http://homelandsecurity.ky.gov/>

Phone: 502-564-2081

Kentucky Division of Emergency Management (KyEM)

Maxwell C. (Clay) Bailey
Director
100 Minuteman Parkway
Frankfort, KY 40601-6168
<http://kyem.ky.gov/>

24-hour Phone: 1-800-255-2587
Fax: 502-607-1614

KyEM Area 06

*(Counties of Trimble, Henry, Oldham, Shelby,
Anderson, Spencer, Jefferson, Bullitt)*

John Bastin
Area Manager
Fairgrounds National Guard Armory
2729 Crittenden Drive
Louisville, Kentucky 40209-1199
http://kyem.dma.state.ky.us/area_offices/area06new.htm

Phone: 502-607-1666 or 502-636-0439
Fax: 502-638-9524

KyEM Area 05 *(Counties of Meade, Breckinridge,
Larue, Nelson, Washington, Marion, Taylor, Green,
Grayson, Hardin)*

Gene Logue
Area Manager
Elizabethtown, KY 42702
http://kyem.dma.state.ky.us/area_offices/area05new.htm

Phone: 502-607-1605 or 270-766-5071
Fax: 270-766-5172

KyEM Area 14

(County of Franklin)

Steve Oglesby
Area Manager
EOC Building, Boone Center
Frankfort, KY 40601
http://kyem.dma.state.ky.us/area_offices/area14new.htm

Phone: 502-607-1658 or 502-607-1638
Fax: 502-607-5710

Kentucky State Police

<http://www.kentuckystatepolice.org/>

Emergency Hotline: 1-800-222-5555
KSP POST 5: 502-532-6363
Campbellsburg
KSP POST 4: 270-766-5078
Elizabethtown

Kentucky Army National Guard

<http://www.state.ky.us/agencies/military/army.htm>

Phone: 502-607-1494

Kentucky Air National Guard

<http://www.kyang.ang.af.mil/>

Phone: 502-364-4741

Kentucky Department for Environmental Protection

<http://www.dep.ky.gov>

Phone: 502-564-2150

Fax: 502-564-4245

Kentucky Department for Facilities Management

<http://finance.ky.gov/ourcabinet/caboff/DFSS/>

Phone: 502-564-1026

Kentucky Cabinet for Health Services

Department for Public Health

<http://www.chs.ky.gov/publichealth/>

Reportable Diseases: 1-888-9-REPORT

Radiological Emergencies: 502-564-7815

Kentucky Transportation Cabinet

<http://www.transportation.ky.gov/highways.asp>

Central: 502-564-4890

Fax: 502-564-4809

Dist. 5 Louisville: 502-367-6411

Fax: 502-363-6170

Emergency after hours: 502-458-1333

Kentucky Community Crisis Response Board

<http://kccrb.ky.gov/>

Phone: 888-522-7228

Kentucky Labor Cabinet

<http://www.labor.ky.gov/>

Phone: 502-564-3070

Kentucky Commission on Military Affairs

<http://www.ky.gov/agencies/kcma/>

Phone: 502-564-0269

Fax: 502-564-0273

INDIANA

Indiana Department of Homeland Security

Eric Dietz
Executive Director
302 West Washington Street Room E208A
Indianapolis, IN 46204
<http://www.in.gov/dhs/response/index.html>

Phone: 317-232-3980
Fax: 317-232-3895

Indiana DHS, Office of the State Fire Marshal

State Fire Marshal
Roger Johnson
Indiana Government Center South
402 West. Washington Street Room E241
Indianapolis, IN 46204-2739
<http://www.ai.org/sema/osfm>

Phone: 317-232-2226

OSFM, Hazardous Materials Division

Mike Bigler
Chief Deputy of the State Fire Marshal
<http://www.in.gov/dhs/osfm/hazmat/>

Phone: (317) 233-4561
Emergency (24 hours): 1-800-669-7362

Indiana DHS, Indiana Emergency Response Commission (IERC)

Clark County
Shawn Smith, Chair
ssmithawg@aol.com

Phone: 812-256-6981
Phone: (24 Hour) 812-285-6385
Fax: 812-256-0398

Scott County
Eric Lowry, Chair
elowry@scottsburg.com

Phone: 812-752-8440
Phone: (24 Hour) 812-752-8400
Fax: 812-752-0332

Washington County (DBA Washington/
Orange County LEPC
Roger Pennington, Chair
emawash@gte.net

Phone: 812-883-7523
Phone: (24 Hour) 812-883-7523
Fax: 812-883-3353

Floyd County
David Anderson, Chair
Anderson_ema@yahoo.com

Phone: 812-948-5454
Phone: (24 Hour) 812-923-9517
Fax: 812-948-5453

Harrison County EMA
Greg Reas
gkr@otherside.com

Phone: 812-738-8949
Phone: (24 Hour) 812-378-2195
Fax: 812-735-7391

Indiana Department of Homeland Security

302 West Washington Street
Room E208A
Indianapolis, IN 46204
<http://www.in.gov/dhs/response/index.html>

Phone: 317-232-3980
Fax: 317-232-3895

Indiana DHS, Office of the State Fire Marshall
<http://www.ai.org/sema/osfm>

Phone: 317-232-2226
Toll Free: 800-423-0765

Indiana Department of Labor
<http://www.in.gov/labor/>

Phone: 317-232-2655
Fax: 317-233-3790

Division of Public Works
<http://www.in.gov/idoa/pwd/>

Phone: 317-232-3000
Fax: 317-233-4613

Indiana State Police
Sellersburg District 45
<http://www.in.gov/isp/>

Phone: 812-246-5424
Toll Free: 800-872-6743

State Department of Health
<http://www.in.gov/isdh/>

Phone: 317-233-1325

Indiana Department of Transportation
<http://www.state.in.us/dot/>

Phone: 317-233-5533

Indiana Department of Environmental Management
<http://www.state.in.us/idem/>

Phone: 800-451-6027
Phone: 888-233-7745

Department of National Resources
<http://www.state.in.us/dnr/>

Phone: 800-847-4367

Indiana National Guard
<http://www.inarng.org/>

Phone: 800-Go-Guard

LOCAL AGENCIES

LOUISVILLE METRO AREA

Louisville Metro Emergency Management Agency (EMA) 410 S 5th St Suite 200 Louisville, KY 40202 http://www.louisvilleky.gov/EMA/	Phone: 502-574-3900 or 911 Fax: 502-574-2693
EMA Executive Director Doug Hamilton Doug.Hamilton@louisvilleky.gov	Office: 502-574-3640 Cellular: 502-744-0577
EMA Deputy Director Mike Brown MichaelGBrown@louisvilleky.gov	Office: 502-574-3836 Cellular: 502-744-0590
SAR Coordinator Shawn Herron SAR@louisvilleky.gov	Office: 502-574-3900
Flash Flood Coordinator Metropolitan Sewer District 700 West Liberty Street Louisville, KY 40202	Office: 502-574-3900 Fax: 502-540-6132
Louisville Metro Police Department http://www.louisvilleky.gov/metropolice/	Phone: 502-574-7070 or 911
Metro Louisville Fire Department http://www.louisvilleky.gov/LouisvilleFire/	Phone: 502-574-3701
Louisville Health Department http://www.louisvilleky.gov/Health/default.htm	Phone: 502-574-6520
KyEM, Louisville Office http://kyem.dma.state.ky.us/area_offices/area06new.htm	Phone: 502-607-1666 Metro Call: 502-574-5000 or 311
Louisville Metro Planning and Design Services http://www.louisvilleky.gov/PlanningDesign/default.htm	Phone: 502-574-6230 Fax: 502-574-8129
Louisville Metro Public Works Services http://www.louisvilleky.gov/PublicWorks/default.htm	Phone: 502-574-5903
Louisville Metro Emergency Medical Service (EMS) http://www.louisvilleky.gov/EMS/default.htm	Phone: 502-574-4260

APPENDIX G: STATE 24-HOUR WARNING POINTS

COUNTY	AREA	COUNTY	AREA	COUNTY	AREA
ADAIR	12	270-384-6464	GREENUP	9	606-473-1411
ALLEN	4	270-237-3611	HANCOCK	3	270-927-8200
ANDERSON	14	502-839-5125	HARDIN	5	270-765-5978
BALLARD	1	270-335-3691	HARLAN	11	606-573-3131
BARREN	4	270-651-6161	HARRISON	13	859-234-7100
BATH	8	606-674-2341	HART	4	270-524-2832
BELL	11	606-337-6176	HENDERSON	3	270-827-8700
BOONE	7	859-371-1234	HENRY	6	502-532-6363
BOURBON	13	859-987-2100	HICKMAN	1	270-653-5871
BOYD	9	606-329-2191	HOPKINS	2	270-821-1720
BOYLE	14	859-238-1220	JACKSON	11	606-287-8305
BRACKEN	8	606-735-2700	JEFFERSON	6	502-574-3506
BREATHITT	10	606-666-2424	JESSAMINE	14	859-887-5447
BREKENRIDGE	5	270-756-6266	JOHNSON	9	606-789-4221
BULLITT	6	502-543-7074	KENTON	7	859-356-3191
BUTLER	4	270-526-3676	KNOTT	10	606-785-5074
CALDWELL	2	270-365-7860	KNOX	11	606-546-3441
CALLOWAY	1	270-753-1621	LARUE	5	270-358-9876
CAMPBELL	7	859-292-3622	LAUREL	11	606-878-7000
CARLISLE	1	270-628-3355	LAWRENCE	9	606-638-4851
CARROLL	7	502-732-6621	LEE	10	606-464-5030
CARTER	9	606-474-5753	LESLIE	10	606-672-3444
CASEY	12	606-787-9411	LETCHER	10	606-633-2126
CHRISTIAN	2	270-890-1300	LEWIS	8	606-796-2312
CLARK	13	859-744-2111	LINCOLN	14	606-365-4557
CLAY		606-598-8413	LIVINGSTON	2	270-928-2196
CLINTON	12	606-387-9163	LOGAN	4	270-726-4911
CRITTENDEN	2	270-965-3500	LYON	2	270-856-3721
CUMBERLAND		270-864-4141	MADISON	13	859-624-4776
DAVISS	3	270-685-8448	MAGOFFIN	9	606-349-4403
EDMONSON	4	270-597-2729	MARION	5	270-692-2121
ELLIOTT	9	606-738-6000	MARSHALL	1	270-527-1333
ESTILL	13	606-723-2201	MARTIN	9	606-298-2828
FAYETTE	13	859-258-3600	MASON	8	606-564-9411
FLEMING	8	606-845-2321	MCCRACKEN	1	270-444-8550
FLOYD	9	606-886-1010	MCCREARY	12	606-376-9117
FRANKLIN	14	502-875-8550	MCLEAN	3	270-273-9727
FULTON	1	270-472-1422	MEADE	5	270-422-4911
GALLATIN	7	859-567-7021	MENIFEE	8	606-768-9046
GARRARD	14	859-792-4786	MERCER	14	859-734-3311
GRANT	7	859-824-1111	METCALFE	4	270-565-2121
GRAVES	1	270-247-1621	MONROE	4	270-487-6622
GRAYSON	5	270-259-0303	MONTGOMERY	8	859-498-8720
GREEN	12	270-932-4911	MORGAN	8	606-743-4385

UPDATED 10/20/2004