

## Cooperative Research and Development Agreements

Cooperative Research and Development Agreements, or CRADAs, are authorized by the Federal Technology Transfer Act of 1986 (Pub. L. 99-502, codified at 15 U.S.C. 3710a). A CRADA promotes the transfer of technology to the private sector for commercial use as well as specified research or development efforts that are consistent with the mission of the Federal parties to the CRADA. The Federal party or parties agree with one or more non-Federal parties to share research resources, but the Federal party does not contribute funding. The Department of Homeland Security (DHS), as an executive agency under 5 U.S.C. 105, is a Federal agency for purposes of 15 U.S.C. 3710a and may enter into a CRADA. DHS delegated its authority to the Commandant of the Coast Guard (see DHS Delegation No. 0160.1, section 2(B)(34)), and the Commandant has delegated his authority to the Coast Guard Research and Development Center.

### Goal of Proposed CRADA

Under the proposed agreement, the Coast Guard's Research & Development Center (RDC) would collaborate with industry. Together, the RDC and its CRADA partner(s) will examine fire suppression/protection systems for protecting marine vessels. Through joint research, they will also provide scientific information to support development of test protocols for use on merchant vessels.

The RDC, with its CRADA partner(s), will create a structured and collaborative test environment to advance concepts and technologies for fire suppression/protection systems. Gaseous agent systems currently used on vessels are either banned or being phased out by the International Maritime Organization and/or the Environmental Protection Agency. The RDC will provide test data on new systems to the Coast Guard Marine Safety, Security, and Environmental Protection directorate for use in developing approval procedures for such systems to be used on merchant vessels.

### Party Contributions

We anticipate that the Coast Guard's contributions under the proposed CRADA will include:

(1) A full-scale test chamber that meets the International Maritime Organizations test protocol requirements to test and demonstrate CRADA products;

(2) Personnel and equipment to manage and operate the test chamber;

(3) An instrumentation system to record real time test data for future analysis; and

(4) Test data to/for CRADA partners for their own analysis.

We anticipate that industry's contributions under the proposed CRADA will include:

(1) Proposed fire suppression/protection systems for study;

(2) A proposed test plan, for comment by the RDC, for each fire suppression/protection system to be tested;

(3) Provision and installation of agent distribution systems and products. This may include but not be limited to piping, nozzles, manifolds, and cylinder connections to allow testing called for in the test plan;

(4) The disassembly and removal of all items installed by CRADA partner(s);

(5) The repair or replacement of any government instrumentation or equipment that is damaged or destroyed as a result of these tests; and

(6) The provision to the Coast Guard of one copy of the draft report of test results for review and of two copies of the final report upon its completion.

### Selection Criteria

The Coast Guard reserves the right to select for CRADA partners all, some, or none of the proposals in response to this notice. The Coast Guard will provide no funding for reimbursement of proposal development costs. Proposals (or any other material) submitted in response to this notice will not be returned. Proposals submitted are expected to be unclassified and have no more than 4 single-sided pages (excluding cover page and resumes). The Coast Guard will select proposals at its sole discretion on the basis of:

(1) How well they communicate an understanding of, and ability to meet, the proposed CRADA's goal; and

(2) How well they address the following criteria:

(a) Technical capability to support the non-Federal party contributions described;

(b) Resources available for supporting the non-Federal party contributions described; and

(c) Technical expertise/understanding of marine fire suppression/protection needs and industry best practices in fire suppression/protection technologies.

This is a technology transfer/development effort. So far, the Coast Guard has no forecast to procure the technology. Proposals should clearly discuss how the concepts and proposed technologies, *e.g.*, for fire suppression/protection systems to replace current

halon and carbon dioxide systems could improve upon systems currently being proposed by and reviewed by the International Maritime Organization.

Special consideration will be given to small business firms/consortia, and preference will be given to business units located in the United States which agree that products embodying inventions made under the CRADA or produced through the use of such inventions will be manufactured substantially in the United States.

Dated: June 27, 2005.

**F.A. Dutch,**

*Capt USCG, Commanding Officer, R&D Center.*

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## DEPARTMENT OF HOMELAND SECURITY

### Federal Emergency Management Agency

[FEMA-1593-DR]

### Alabama; Major Disaster and Related Determinations

**AGENCY:** Federal Emergency Management Agency, Emergency Preparedness and Response Directorate, Department of Homeland Security.

**ACTION:** Notice.

**SUMMARY:** This is a notice of the Presidential declaration of a major disaster for the State of Alabama (FEMA-1593-DR), dated July 10, 2005, and related determinations.

**DATES:** Effective July 10, 2005.

**FOR FURTHER INFORMATION CONTACT:** Magda Ruiz, Recovery Division, Federal Emergency Management Agency, Washington, DC 20472, (202) 646-2705.

**SUPPLEMENTARY INFORMATION:** Notice is hereby given that, in a letter dated July 10, 2005, the President declared a major disaster under the authority of the Robert T. Stafford Disaster Relief and Emergency Assistance Act, 42 U.S.C. 5121-5206 (the Stafford Act), as follows:

I have determined that the damage in certain areas of the State of Alabama, resulting from Hurricane Dennis beginning on July 10, 2005, and continuing, is of sufficient severity and magnitude to warrant a major disaster declaration under the Robert T. Stafford Disaster Relief and Emergency Assistance Act, 42 U.S.C. 5121-5206 (the Stafford Act). Therefore, I declare that such a major disaster exists in the State of Alabama.

In order to provide Federal assistance, you are hereby authorized to allocate from funds available for these purposes such amounts as you find necessary for Federal disaster assistance and administrative expenses.

You are authorized to provide Individual Assistance and assistance for debris removal and emergency protective measures (Categories A and B) under the Public Assistance program in the designated areas, Hazard Mitigation throughout the State, and any other forms of assistance under the Stafford Act you may deem appropriate subject to completion of Preliminary Damage Assessments (PDAs), unless you determine the incident is of such unusual severity and magnitude that PDAs are not required to determine the need for supplemental Federal assistance pursuant to 44 CFR 206.33(d). Direct Federal assistance is authorized.

Consistent with the requirement that Federal assistance be supplemental, any Federal funds provided under the Stafford Act for Public Assistance, Hazard Mitigation, and the Other Needs Assistance under Section 408 of the Stafford Act will be limited to 75 percent of the total eligible costs. For a period of up to 72 hours, you are authorized to fund assistance for emergency protective measures, including direct Federal assistance, at 100 percent of the total eligible costs. The period of up to 72 hours at 100 percent excludes debris removal. Federal funding will remain at 75 percent.

Further, you are authorized to make changes to this declaration to the extent allowable under the Stafford Act.

The time period prescribed for the implementation of section 310(a), Priority to Certain Applications for Public Facility and Public Housing Assistance, 42 U.S.C. 5153, shall be for a period not to exceed six months after the date of this declaration.

The Federal Emergency Management Agency (FEMA) hereby gives notice that pursuant to the authority vested in the Under Secretary for Emergency Preparedness and Response, Department of Homeland Security, under Executive Order 12148, as amended, James N. Russo, of FEMA is appointed to act as the Federal Coordinating Officer for this declared disaster.

I do hereby determine the following areas of the State of Alabama to have been affected adversely by this declared major disaster:

Baldwin and Mobile Counties for Individual Assistance.

Autauga, Baldwin, Barbour, Bibb, Bullock, Butler, Chambers, Chilton, Choctaw, Clarke, Clay, Coffee, Conecuh, Coosa, Covington, Crenshaw, Dale, Dallas, Elmore, Escambia, Geneva, Greene, Hale, Henry, Houston, Jefferson, Lee, Lowndes, Macon, Marengo, Mobile, Monroe, Montgomery, Perry, Pickens, Pike, Randolph, Russell, Shelby, Sumter, Talladega, Tallapoosa, Tuscaloosa, Washington, and Wilcox Counties for assistance for debris removal and emergency protective measures, including direct Federal assistance. For a period of up to 72 hours, assistance for emergency protective measures, including direct Federal assistance, will be provided at 100 percent of the total eligible costs. The period of up to 72 hours at 100 percent excludes debris removal.

All counties within the State of Alabama are eligible to apply for assistance under the Hazard Mitigation Grant Program.

(The following Catalog of Federal Domestic Assistance Numbers (CFDA) are to be used for reporting and drawing funds: 97.030, Community Disaster Loans; 97.031, Cora Brown Fund Program; 97.032, Crisis Counseling; 97.033, Disaster Legal Services Program; 97.034, Disaster Unemployment Assistance (DUA); 97.046, Fire Management Assistance; 97.048, Individual and Household Housing; 97.049, Individual and Household Disaster Housing Operations; 97.050 Individual and Household Program-Other Needs, 97.036, Public Assistance Grants; 97.039, Hazard Mitigation Grant Program.)

**Michael D. Brown,**

*Under Secretary, Emergency Preparedness and Response, Department of Homeland Security.*

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## DEPARTMENT OF HOMELAND SECURITY

### Federal Emergency Management Agency

[FEMA-1595-DR]

### Florida; Major Disaster and Related Determinations

**AGENCY:** Federal Emergency Management Agency, Emergency Preparedness and Response Directorate, Department of Homeland Security.

**ACTION:** Notice.

**SUMMARY:** This is a notice of the Presidential declaration of a major disaster for the State of Florida (FEMA-1595-DR), dated July 10, 2005, and related determinations.

**EFFECTIVE DATE:** July 10, 2005.

**FOR FURTHER INFORMATION CONTACT:** Magda Ruiz, Recovery Division, Federal Emergency Management Agency, Washington, DC 20472, (202) 646-2705.

**SUPPLEMENTARY INFORMATION:** Notice is hereby given that, in a letter dated July 10, 2005, the President declared a major disaster under the authority of the Robert T. Stafford Disaster Relief and Emergency Assistance Act, 42 U.S.C. 5121-5206 (the Stafford Act), as follows:

I have determined that the damage in certain areas of the State of Florida, resulting from Hurricane Dennis beginning on July 10, 2005, and continuing, is of sufficient severity and magnitude to warrant a major disaster declaration under the Robert T. Stafford Disaster Relief and Emergency Assistance

Act, 42 U.S.C. 5121-5206 (the Stafford Act). Therefore, I declare that such a major disaster exists in the State of Florida.

In order to provide Federal assistance, you are hereby authorized to allocate from funds available for these purposes such amounts as you find necessary for Federal disaster assistance and administrative expenses.

You are authorized to provide Individual Assistance and assistance for debris removal and emergency protective measures (Categories A and B) under the Public Assistance program in the designated areas, Hazard Mitigation throughout the State, and any other forms of assistance under the Stafford Act you may deem appropriate subject to completion of Preliminary Damage Assessments, unless you determine the incident is of such unusual severity and magnitude that PDAs are not required to determine the need for supplemental Federal assistance pursuant to 44 CFR 206.33(d). Direct Federal assistance is authorized.

Consistent with the requirement that Federal assistance be supplemental, any Federal funds provided under the Stafford Act for Public Assistance, Hazard Mitigation, and the Other Needs Assistance under Section 408 of the Stafford Act will be limited to 75 percent of the total eligible costs. For a period of up to 72 hours, you are authorized to fund assistance for emergency protective measures, including direct Federal assistance, at 100 percent of the total eligible costs. The period of up to 72 hours at 100 percent excludes debris removal. Federal funding for debris removal will remain at 75 percent.

Further, you are authorized to make changes to this declaration to the extent allowable under the Stafford Act.

The time period prescribed for the implementation of section 310(a), Priority to Certain Applications for Public Facility and Public Housing Assistance, 42 U.S.C. 5153, shall be for a period not to exceed six months after the date of this declaration.

The Federal Emergency Management Agency (FEMA) hereby gives notice that pursuant to the authority vested in the Under Secretary for Emergency Preparedness and Response, Department of Homeland Security, under Executive Order 12148, as amended, Justin DeMello, of FEMA is appointed to act as the Federal Coordinating Officer for this declared disaster.

I do hereby determine the following areas of the State of Florida to have been affected adversely by this declared major disaster:

Escambia and Santa Rosa Counties for Individual Assistance.

Bay, Calhoun, Escambia, Franklin, Gulf, Holmes, Jackson, Monroe, Okaloosa, Santa Rosa, Wakulla, Walton, and Washington Counties for assistance for debris removal and emergency protective measures, including direct Federal assistance. For a period of up to 72 hours, assistance for emergency protective measures, including direct Federal assistance, will be provided at