



Department of Energy

Washington, DC 20585

December 17, 2009

MEMORANDUM FOR THOMAS P. D'AGOSTINO
ADMINISTRATOR
NATIONAL NUCLEAR SECURITY ADMINISTRATION

ALICE C. WILLIAMS
MANAGER
LIVERMORE SITE OFFICE

FROM: ~~GLENN S. PODONSKY~~
~~CHIEF HEALTH, SAFETY AND SECURITY OFFICER~~
~~OFFICE OF HEALTH, SAFETY AND SECURITY~~

SUBJECT: Approved Corrective Action Plan for Judgment of Need #4
in the Type A Accident Investigation Report on the
June 26, 2009 Vehicle Fatality Accident at the Lawrence
Livermore National Laboratory

For informational purposes, please note the approved Corrective Action Plan (CAP) in response to Judgment of Need (JON) #4 in the Type A Accident Investigation report for the Lawrence Livermore National Laboratory vehicle accident fatality on June 26, 2009.

The CAP includes two corrective actions to address JON #4, with a projected completion date of June 2010.

If you have any questions or comments pertaining to the CAP, please contact me at (301) 903-3777 or your staff may contact William Roeger, Director, Office of Corporate Safety Analysis, at (301)903-8008.

Attachment: Corrective Action Plan for the #4 Judgment of Need in the Type A Accident Investigation Report on the June 26, 2009 Vehicle Fatality Accident at Lawrence Livermore National Laboratory

cc: Frank Russo, NA-1



**Corrective Action Plan
for the # 4 Judgment of Need in the
Type A Accident Investigation Report
on the June 26, 2009 Vehicle Fatality Accident at
Lawrence Livermore National Laboratory**

Purpose

The purpose of this corrective action plan (CAP) is to set a course of action addressing the need to heighten vehicle safety awareness and reduce fatal vehicle accidents in the Department of Energy (DOE). This need was addressed in Judgment of Need (JON) # 4 contained in the *Type A Accident Investigation Report June 26, 2009 Vehicle Fatality Accident at Lawrence Livermore National Laboratory*. This CAP will identify appropriate corrective actions and provide completion milestones.

Background Summary

On June 26, 2009, a vehicle fatality occurred at the Lawrence Livermore National Laboratory (LLNL) when a Lawrence Livermore National Security employee was ejected from a government-owned, full-size pickup truck and received fatal injuries. The Accident Investigation Board determined that the root cause of the accident was the victim's non-use of the vehicle's safety features. Between 1992 and 2009, there have been 604 vehicle-related accidents reported to the Department's Occurrence Reporting and Processing System database which resulted in 119 injuries and 16 deaths. With the frequency of fatal vehicle-related accidents noticeably increasing in the Department (now four within the last 15 months), Departmental senior management has taken notice. The causal factors that resulted in this fatality could happen at any DOE site, it is incumbent upon all DOE Programs and site managers to review prevailing practices at their site for possible enhancements. The Board identified seven Judgments of Need (JONs) relating to this fatality with six JONs being the responsibility of the National Nuclear Security Administration (NNSA) and one (JON # 4) being the responsibility of the Office of Health, Safety and Security (HSS).

Judgment of Need # 4

HSS in conjunction with DOE program offices, needs to heighten awareness of vehicle safety to reduce fatal accidents in the Department.

Action 1:

The Office of Corporate Safety Analysis will convene a vehicle safety advisory group of DOE program office representatives (e.g., EM, NNSA,

SC, MA) to identify internal and external vehicle safety benchmarks. Benchmarking will include the advisory group coordinating with a nationally-recognized safety organization and exploring a joint partnership to create a public-private sector national vehicle safety awareness campaign. In addition, the group will review current vehicle safety reporting data and note any reporting gaps and/or barriers to improving vehicle safety reporting, providing recommendations to heighten the awareness of vehicle safety that minimize the potential for fatal accidents in DOE. The Office of Corporate Safety Analysis will contact internal and external vehicle safety data sources (e.g., General Services Administration, DOE Office of Management, etc.) and provide vehicle safety baseline information to the vehicle safety advisory group by January 2010.

Responsible Office:

Office of Corporate Safety Analysis

Completion Date:

The vehicle safety advisory group will meet at least monthly and conclude its activities by April 2010.

Action 2:

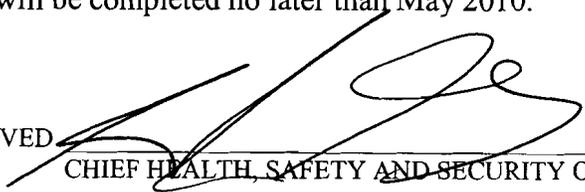
The Office of Corporate Safety Analysis, in coordination with the Program Offices, will develop a plan to implement the advisory group's recommendations. The plan will include measures to track/trend the effectiveness of the corrective actions within DOE. An HS-1 memorandum to support these vehicle safety awareness recommendations will be prepared by May 2010.

Responsible Office:

Office of Corporate Safety Analysis

Completion Date:

The plan will be completed no later than May 2010.

____ APPROVED  _____ DATE 12/17/09