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May 6, 2009

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OFFICE OF DEFECTS
INVESTIGATION

Mr. Daniel C. Smith
Associate Administrator for Enforcement
National Highway Traffic Safety Administration
Recall Management Division (NVS-215)
1200 New Jersey Avenue, SE – Room W45-306
Washington, D.C. 20590

Dear Mr. Smith:

The following information is submitted pursuant to the requirements of 49 CFR 573.6 as it applies to a determination by General Motors of a safety defect involving certain 2009 model year Cadillac Escalade, Escalade Hybrid, Escalade ESV and Escalade EXT; Chevrolet Avalanche, Colorado, Suburban, Tahoe and Tahoe Hybrid; GMC Canyon, Yukon, Yukon Hybrid and Yukon XL vehicles.

573.6(c)(1): Cadillac, Chevrolet and GMC Brands of General Motors Corporation

573.6(c)(2)(3)(4): This information is shown on the attached sheet.

573.6(c)(5): General Motors has decided that a defect, which relates to motor vehicle safety, exists in certain 2009 model year Cadillac Escalade, Escalade Hybrid, Escalade ESV and Escalade EXT; Chevrolet Avalanche, Colorado, Suburban, Tahoe and Tahoe Hybrid; GMC Canyon, Yukon, Yukon Hybrid and Yukon XL vehicles. The fuel system control modules on some of these vehicles have a condition in which an adhesive separation of the room temperature vulcanizing (RTV) seal between the seal and the housing may allow water to seep into the module. Water in the module could cause a short or open circuit, illumination of the Service Engine Soon lamp, setting of diagnostic trouble codes or the engine may be hard to start, may not start or may stall.

573.6(c)(6): On December 8, 2008, Product Investigations opened an investigation to understand a concern from engineering for fuel module water intrusion.

In December through February, GM Engineering, with the help of the supplier, conducted significant warranty parts return analysis, material tests, a Red X study and engineering measurements to understand the root cause of the issue.

In February through April, a robust manufacturing alternative, that addresses water seepage into the module, was reviewed and tested. Warranty analysis continued to project field performance of the products involved relative to engine stall.

The issue was presented to the Field Performance Evaluation Review Committee and on April 29, 2009, the Executive Field Action Decision Committee decided to conduct a safety recall.

573.6(c)(8): Dealers are to install a new fuel system control module.

Pursuant to 577.11(e), GM does not plan to provide notice about reimbursement to owners because all involved vehicles are covered under the new vehicle warranty.

Product Investigations

Mail Code: 480-210-G11 • 30001 Van Dyke Road • Warren, MI 48090-9020
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573.6(c)(9): The NHTSA was notified of this decision on May 1, 2009 in a phone conversation between Gay Kent and Kathleen DeMeter. The dealer bulletin and owner letter was provided under separate cover. GM anticipates sending the dealer bulletin on May 8, 2009 and owner letters will be mailed on May 18, 2009.

Sincerely,

A handwritten signature in black ink, appearing to read 'Gay P. Kent', with a long, sweeping horizontal stroke extending to the right.

Gay P. Kent
Director
Product Investigations

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Attachment

573.6(c)(2),(3),(4)

VEHICLES POTENTIALLY AFFECTED BY MAKE, MODEL, AND MODEL YEAR
PLUS INCLUSIVE DATES OF MANUFACTURE

<u>MAKE</u>	<u>MODEL SERIES</u>	<u>MODEL YEAR</u>	<u>NUMBER INVOLVED</u>	<u>INCLUSIVE MANUFACTURING DATES (FROM) (TO)</u>		<u>DESCRIPTIVE INFO. TO PROPERLY IDENT. VEH.</u>	<u>EST. NO. W/CONDITION</u>
Cadillac	C/K	2009	4,017	06/2008	09/2008	Escalade	*
Cadillac	C/K	2009	931	06/2008	09/2008	Escalade ESV	"
Cadillac	C/K	2009	315	06/2008	09/2008	Escalade EXT	"
Chevrolet	C/K	2009	859	06/2008	09/2008	Avalanche	"
Chevrolet	C/K	2009	1,267	06/2008	09/2008	Suburban	"
Chevrolet	C/K	2009	5,770	06/2008	09/2008	Tahoe	"
Chevrolet	S/T	2009	8,296	06/2008	09/2008	Colorado	"
GMC	C/K	2009	2,642	06/2008	09/2008	Yukon	"
GMC	C/K	2009	901	06/2008	09/2008	Yukon XL	"
GMC	S/T	2009	2,190	06/2008	09/2008	Canyon	"
GM Total:			27,188				

* All involved vehicles will be corrected as necessary.

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