

**From:** kareem.habib@dot.gov  
**Sent:** Monday, May 19, 2014 3:50 PM  
**To:** Karen Morley  
**Cc:** Dale A. Furney; Jeff.Quandt@dot.gov  
**Subject:** RE: Documenting the May 14, 2014 discussion: Clarification of GM response to Q8 & Q10 of NHTSA PE14-010

Karen,

Confirmed.

Thanks,

Kareem

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**From:** Karen Morley [mailto:karen.morley@gm.com]  
**Sent:** Thursday, May 15, 2014 4:20 PM  
**To:** Quandt, Jeff (NHTSA); Habib, Kareem  
**Cc:** Dale A. Furney  
**Subject:** Documenting the May 14, 2014 discussion: Clarification of GM response to Q8 & Q10 of NHTSA PE14-010

Jeff and Kareem:

As a result of our discussion on May 14, GM will provide the following information in response to Q8 and Q10 of PE14-010:

QUESTION 8:

- Summaries of the vehicle investigations that GM has conducted (subject, peer or other vehicles) as part of PE14-010. This will include each of the vehicle investigations and descriptions of what was done for each investigation. (e.g. vehicle inspections, driver interviews, modules interrogated, system and component testing, Red X analyses, etc.)
- Descriptions of the different areas of investigation to root cause and/or replicate the incidents
- Investigation/countermeasure(s) identified during development and validation of the subject systems for automatic braking events > 1 second duration or >10mph velocity change in situations where it was unexpected and undesired (also referred to as "false positive" or "nuisance" events)

Also, for each such action identified, GM will provide the following information:

- a. Action title or identifier;
- b. The actual or planned start date;
- c. The actual or expected end date;
- d. Brief summary of the subject and objective of the action;
- e. Engineering group(s)/supplier(s) responsible for designing and for conducting the action; and
- f. A brief summary of the findings and/or conclusions resulting from the action.

For each action identified, the primary summary documentation (e.g. testing plans and results) done by or on the behalf of General Motors shall be provided.

Further information responsive to Question 8 as originally stated in PE14-010 will be provided upon the request of the NHTSA.

QUESTION 10: In addition to sections 10a. through 10g., GM will add subpart (h.) as follows:

- h. Description of the electronic park brake system as well as description of the hill assist system and algorithm for the subject vehicles

Please review this summary and reply with confirmation.

Regards...

***Karen Morley***

[karen.morley@gm.com](mailto:karen.morley@gm.com)



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