



DIVISION OF
CORPORATION FINANCE

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

Mail Stop 3561

January 31, 2008

Charles G. McClure, Jr.
Chief Executive Officer
ArvinMeritor, Inc.
2135 West Maple Road
Troy, MI 48084

Re: ArvinMeritor, Inc.
File Number: 001-15983
Form 10-K for the fiscal year ended September 30, 2007

Dear Mr. McClure:

We have conducted a targeted review of the above referenced filing for the legal issues noted below. We ask you to revise future filings in response to some of these comments. If you disagree with a requested change, we will consider your explanation as to why it is unnecessary. We also ask you to provide us with information so we may better understand your disclosure. Please be as detailed as necessary in your response. After reviewing this information, we may raise additional comments.

The purpose of our review process is to assist you in your compliance with the applicable disclosure requirements and to enhance the overall disclosure in your filings. We look forward to working with you in these respects and welcome any questions. Feel free to call us at the telephone numbers listed at the end of this letter.

Please file your response to our comments via EDGAR, under the label "corresp," within ten business days.

Schedule 14A

Annual Incentives, page 20

1. We note your disclosure that annual incentive goals are based on target levels specified in the company's annual operating plan. Please quantify and disclose the specific amount of each AOP performance target, including EBITDA and free cash flow, that must be achieved in order for your executive officers to earn their annual incentive compensation. To the extent you believe that disclosure of the targets is not required because it would result in competitive harm such that the targets could be excluded under Instruction 4 to Item 402(b) of Regulation S-K,

please provide us with a detailed explanation for such conclusion. Please also note that to the extent that you have an appropriate basis for omitting the specific targets, you must discuss how difficult it would be for the named executive officers or how likely it will be for you to achieve the undisclosed target levels or other factors. General statements regarding the level of difficulty, or ease, associated with achieving performance goals either corporately or individually are not sufficient. Please provide insight into the factors considered by the committee prior to the awarding of performance-based compensation such as historical analyses prior to the granting of these awards or correlations between historical bonus practice and the incentive parameters set for the relevant fiscal period, if material.

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We urge all persons who are responsible for the accuracy and adequacy of the disclosure in the filings reviewed by the staff to be certain that they have provided all information investors require. Since the company and its management are in possession of all facts relating to a company's disclosure, they are responsible for the accuracy and adequacy of the disclosures they have made.

In connection with responding to our comments, please provide, in writing, a statement from the company acknowledging that:

- the company is responsible for the adequacy and accuracy of the disclosure in the filing;
- staff comments or changes to disclosure in response to staff comments do not foreclose the Commission from taking any action with respect to the filing; and
- the company may not assert staff comments as a defense in any proceeding initiated by the Commission or any person under the federal securities laws of the United States.

In addition, please be advised that the Division of Enforcement has access to all information you provide to the staff of the Division of Corporation Finance in our review of your filing or in response to our comments on your filing.

Please contact Daniel Morris at (202) 551-3314 or me at (202) 551-3210 with any other questions.

Sincerely,

Susan Block
Attorney-Advisor