January 14, 2013

EN 48412 NMED No. 120622 (closed)

Mr. Wallace P. Millett Radiation Safety Officer Hemlock Semiconductor Corporation 12334 Geddes Road Hemlock, MI 48626

SUBJECT: REPORT OF A FIXED GAUGE STUCK SHUTTER DATED OCTOBER 16, 2012 - HEMLOCK SEMICONDUCTOR CORPORATION

Dear Mr. Millett:

This acknowledges receipt of your letter dated October 22, 2012, reporting an incident that occurred on October 16, 2012, in which the shutter of a Vega Americas fixed gauge failed to close. We have reviewed your revised letter and have no further questions at this time. The incident may be examined during a future inspection.

In accordance with Title 10 of the Code of Federal Regulations (CFR) 2.390 of the United States Nuclear Regulatory Commission's (NRC) "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at http://www.nrc.gov/reading-rm/adams.html.

Please feel free to contact Ryan Craffey of my staff if you have any questions, Mr. Craffey can be reached at 630-829-9655.

Sincerely,

/RA/

Tamara Bloomer, Chief Materials Inspection Branch Division of Nuclear Materials Safety

Docket No. 030-37611 License No. 21-32682-01

cc: State of Michigan

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