

June 22, 2015

**VIA EDGAR**

Securities and Exchange Commission  
Division of Corporation Finance  
100 F Street, NE  
Washington, D.C. 20549  
Attn: Mr. Timothy Buchmiller

Re: Applied Optoelectronics, Inc.  
Registration Statement on Form S-3 filed on June 3, 2015  
File No. 333-204703 (the "**Registration Statement**")  
Request for Acceleration

Dear Mr. Buchmiller:

Pursuant to Rule 461 promulgated under the Securities Act of 1933, as amended, Applied Optoelectronics, Inc. (the "**Company**") hereby respectfully requests acceleration of the effective date of the Registration Statement so that it may become effective at 4:00 p.m., on June 23, 2015, or as soon thereafter as practicable.

In connection with the Company's request for acceleration of the effective date of the Registration Statement, the Company acknowledges the following:

- should the Securities and Exchange Commission (the "**Commission**") or the staff, acting pursuant to delegated authority, declare the filing effective, it does not foreclose the Commission from taking any action with respect to the filing;
- the action of the Commission or the staff, acting pursuant to delegated authority, in declaring the filing effective, does not relieve the Company from its full responsibility for the adequacy and accuracy of the disclosure in the filing; and
- the Company may not assert staff comments and the declaration of effectiveness as a defense in any proceeding initiated by the Commission or any person under the federal securities laws of the United States.

The Company acknowledges its responsibilities under the Securities Act of 1933 and the Securities Exchange Act of 1934 as they relate to the proposed public offering of the securities specified in the Registration Statement.

Should any member of the staff of the Commission have any questions or comments with respect to this request, please contact our counsel, Haynes and Boone, LLP, attention: Kristina Trauger at 713-547-2030

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Very truly yours,

Applied Optoelectronics, Inc.

By: /s/ Stefan J. Murry  
Stefan J. Murry  
Chief Financial Officer

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