

NEWS RELEASE

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Applied Nanotech Holdings, Inc. Updates Cash Position

Austin, TX, April 1, 2009 – Applied Nanotech Holdings, Inc. (OTC BB: APNT) announced that as of March 31, 2009, its cash balance was approximately \$810,000, an increase of approximately \$100,000 from its cash balance at December 31, 2008. This cash, when combined with normal recurring revenues, enables the company to operate at least through the end of June and into the 3rd Quarter. The company expects additional contracts to be signed during the 2nd quarter which will further extend this period. This is consistent with the discussion in the 2008 10-K that indicated that while the cash on hand at the time of filing of the 10-K was only sufficient to operate through the beginning of April, expected cash receipts would extend that period at least through the end of June.

ABOUT APPLIED NANOTECH HOLDINGS, INC.

Applied Nanotech Holdings, Inc. is a premier research and commercialization organization dedicated to developing applications for nanotechnology with an extremely strong position in the fields of electron emission applications from carbon film/nanotubes, sensors, functionalized nanomaterials, and nanoelectronics. It also possesses investments related to electronic digitized sign technology. Applied Nanotech has over 250 patents or patents pending and its business model is to license its technology to partners that will manufacture and distribute products using the technology. Applied Nanotech's website is www.appliednanotech.net.

SAFE HARBOR STATEMENT

This press release contains forward-looking statements that involve risks and uncertainties concerning our business, products, and financial results. Actual results may differ materially from the results predicted. More information about potential risk factors that could affect our business, products, and financial results are included in our annual report on Form 10-K for the fiscal year ended December 31, 2008, and in reports subsequently filed by us with the Securities and Exchange Commission ("SEC"). All documents are available through the SEC's Electronic Data Gathering Analysis and Retrieval System (EDGAR) at www.sec.gov or from our website listed above. We hereby disclaim any obligation to publicly update the information provided above, including forward-looking statements, to reflect subsequent events or circumstances.

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