

GENERAL MOLY APPOINTS ANDREW G. SHARKEY TO BOARD OF DIRECTORS

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LAKESWOOD, COLORADO - February 5, 2009, General Moly (NYSE Alternext and TSX: GMO) announced that Andrew G. Sharkey has been appointed to the Board of Directors. Mr. Sharkey will serve on the Governance and Nominating and the Compensation committees.

Mr. Sharkey recently retired as the President and Chief Executive Officer of the American Iron and Steel Institute (AISI), a position he has held since 1993, where he was awarded the prestigious Gary Memorial Medal for his contributions to the Institute and the North American steel industry. AISI member companies represent over 75% of raw steel produced in North America and the Institute focuses on industry representation in key public policy issues, market development, sharing best practices, and collaborative R&D. He previously served in various roles including President of the Steel Service Center Institute (now Metals Service Center Institute) from 1978-1993.

Mr. Sharkey is a graduate of Yale University and earned a M.A.T. from Duquense University. He also currently serves as a Director of the Reliance Steel and Aluminum Company, the largest metals service center in the United States with over 200 locations.

Bruce D. Hansen, Chief Executive Officer, said, "I am very pleased to welcome Andrew Sharkey to General Moly as a Director. Andrew adds tremendous insights into our principle customer base along with his understanding of national policy issues. We continue to strengthen our board with a diverse group of executives from around the mining and metals industries, which will be a great asset as we move the Company through its development and financing phases."

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General Moly is a U.S.-based molybdenum mineral development, exploration and mining company listed on the NYSE Alternext (formerly the American Stock Exchange) and the Toronto Stock Exchange under the symbol GMO. Our primary asset, our interest in the Mt. Hope project located in central Nevada, is considered one of the world's largest and highest grade molybdenum deposits. Combined with our second molybdenum property, the Liberty project that is also located in central Nevada, our goal is to become the largest primary molybdenum producer by the middle of the next decade. For more information on the Company, please visit our website at <http://www.generalmoly.com> .

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Forward-Looking Statements

Statements herein that are not historical facts are "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995, and involve a number of risks and uncertainties that could cause actual results to differ materially from those projected,

anticipated, expected or implied. These risks and uncertainties include, but are not limited to, the Company's ability to obtain required permits to commence production and its ability to raise required financing, metals price and production volatility, exploration risks and results, and project development risks. For a detailed discussion of risks and other factors that may impact these forward looking statements please refer to the Risk Factors and other discussion contained in the Company's quarterly and annual periodic reports on Forms 10-Q and 10-KSB, as the same are amended from time to time, on file with the SEC. The Company undertakes no obligation to update forward-looking statements.