FORM PTO-1619A Expires 06/30/99 OMB 0651-0027

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CONFIRMATORY LICENSE

Application for: METHODS AND SYSTEMS FOR SUBSURFACE STABILIZATION USING JET

GROUTING

Inventor(s): Guy G. Loomis, Jerry R. Weidner, Richard K. Farnsworth,

Bradley M. Gardner, and James J. Jessmore

Serial No.: 08/910,098

Filing Date (U.S.): August 12, 1997 DOE Contract No.: DE-ACO7-76ID01570

Contractor: EG&G Idaho, Inc.

The invention identified above is a "Subject Invention" under the above-numbered contract, now Contract No. DE-ACO7-94ID13223 with Lockheed Martin Idaho Technologies Company. A copy of the provisions of the above-numbered contract (certified on February 29, 1996) governing patent rights in the Subject Invention at the time the invention was made has been submitted to the U.S. Department of Energy.

The Contractor hereby confirms that under the provisions of the above-numbered contract governing patent rights, it has granted to the Government a nonexclusive, nontransferable, irrevocable, paid-up license to practice or to have practiced for or on behalf of the United States the Subject Invention throughout the world. This License applies to the invention in the above-identified patent application and any and all divisions or continuations thereof and any resulting patent or reissue patent which may be granted thereon.

It is understood and agreed that this License does not preclude the Government from asserting rights under the provisions of said Contract or any other agreement between the Government and the Contractor, or any other rights of the Government with respect to the above-identified invention.

The Contractor hereby grants the Government an irrevocable power to inspect and make copies of the above-identified application.

Signed this 9th day of March, 1998.

LOCKHEED MARTIN IDAHO TECHNOLOGIES COMPANY (Contractor)

Successor Operator of INEL

John G. Simon

Vice President, Technology Transfer

RECORDED: 04/16/1999

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