70-07	FÖRM PTO-1619 Expires 06/30/99

09-22-2004

U.S. Department of Commerce Patent and Trademark Office PATENT

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PATENT REEL: 015790 FRAME: 0789

DOE Case No.: S-98,134

B-180D6

CONFIRMATORY LICENSE

Application for:

A HARDFACING MATERIAL

Inventor(s):

Daniel J. Branagan

Serial No.:

10/753,162

Filing Date (U.S.): 01/05/2004

DOE Contract No.: DE-AC07-99ID13727

Contractor: Bechtel BWXT Idaho, LLC

The invention identified above is a "Subject Invention" under the above-numbered contract. A copy of the provisions of the above-numbered contract 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 aboveidentified patent application and any and all divisions or continuations thereof and any resulting patent or reissue patent which may be granted thereon.

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

Signed this 27th day of May, 2004.

BECHTEL BWXT IDAHO, LLC Operator of the INEEL

A. Ray Barnes

Director, Technology Outreach

RECORDED: 09/20/2004

P. O. Box 1625, Idaho Falls, ID 83415-3805

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