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DOE Docket No.: S-87,108

ANL Case No.: ANL-IN-96-079

### CONFIRMATORY LICENSE

Application For: Process For Separation and Preconcentration of Radium From Water  
Inventor(s): E. P. Horwitz, R.A. Bartsch, R. Chiarizia, M. Dietz  
Serial No.: 08/870,914  
Filing Date: June 6, 1997  
Contract No.: W-31-109-ENG-38  
Contractor: The University of Chicago

The invention identified above is a "Subject Invention" under the above-numbered contract. A copy of the provisions of the above-numbered contract (certified on February 8, 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.

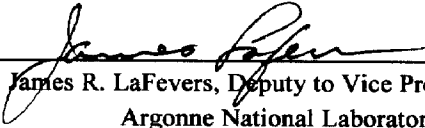
The Contractor hereby confirms that under the provisions of the above-numbered contract governing patent rights, it has granted to the Government a nonexclusive, nontransferable, irrevocable, paid-up license to practice or to have practiced for or on behalf of the United States the subject invention 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 document 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.

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Signed this 18 day of June, 1998

THE UNIVERSITY OF CHICAGO (Contractor)

By:   
James R. LaFevers, Deputy to Vice President for  
Argonne National Laboratory