American Nuclear Society

WITHDRAWN
1996
ANSI/ANS-16.1-1986

measurement of the leachability of solidified low-level radioactive wastes by a short-term test procedure

an American National Standard

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published by the
American Nuclear Society
555 North Kensington Avenue
La Grange Park, Illinois 60525 USA

ANSI/ANS-16.1-1986

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American National Standard Measurement of the Leachability of Solidified Low-Level Radioactive Wastes by a Short-Term Test Procedure

Secretariat
American Nuclear Society

Prepared by the
American Nuclear Society
Standards Committee
Working Group ANS-16.1

Published by the
American Nuclear Society
555 North Kensington Avenue
La Grange Park, Illinois 60525 USA

Approved April 14, 1986
by the
American National Standards Institute, Inc.

American National Standard

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Published by

American Nuclear Society
555 North Kensington Avenue, La Grange Park, Illinois 60525 USA

Printed in the United States of America

Foreword

(This Foreword is not a part of American National Standard for the Measurement of the Leachability of Solidified Low-Level Radioactive Wastes by a Short-Term Test Procedure, ANSI/ANS-16.1-1986.)

This standard provides a limited leach test procedure to measure the release of radionuclides from waste forms by leaching at ambient temperatures. It is intended for solidified low-level radioactive waste. The procedure permits accumulation of sufficient data for the determination of a material parameter in short times (days and months) using leach test specimens with simple shapes and finite dimensions. This parameter is used to characterize the leaching of a specific radioactive species from the waste form and is called the "Leachability Index" (L). Discussions of the interpretation and limitations of this Index are included.

This standard was drafted by Working Group ANS-16.1 of the American Nuclear Society Standards Committee which had the following membership at the time of its approval of this standard:

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