

NUCLEAR CRITICALITY SAFETY

Theory and Practice

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Theory and Practice

Ronald Allen Knief

Prepared under the direction of the
American Nuclear Society
with support from the
U.S. Nuclear Regulatory Commission



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Dedicated to
Hugh Paxton and Dixon Callihan,
pioneers in the field of
nuclear criticality safety.

Library of Congress Cataloging in Publication Data

Knief, Ronald Allen, 1944–
Nuclear criticality safety.

Includes bibliographical references and index.

1. Criticality (Nuclear engineering) 2. Nuclear
fuels—Safety measures. I. American Nuclear Society.
II. U.S. Nuclear Regulatory Commission. III. Title.
TK9153.K56 1985 621.48'35 85-1303
ISBN 0-89448-028-6

This document was prepared with the support of the U.S. Nuclear
Regulatory Commission under Grant No. NRC-G-04-85-001. The
opinions, findings, conclusions, and recommendations expressed
herein are those of the author and do not necessarily reflect the views
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This monograph has been authored by a grantee of the U.S.
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ISBN: 0-89448-028-6
Library of Congress Catalog Card Number: 85-1303
ANS Order No. 300020

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

Second Printing 1986
Third Printing 1991
Fourth Printing 1993
Fifth Printing 1996
Sixth Printing 1998

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Printed in the United States of America

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Publisher's Foreword

The American Nuclear Society is pleased to publish this book on nuclear criticality safety. While there are a variety of existing proceedings, reports, and manuals on the subject, this is the first book. It deals with not only the theoretical bases for criticality safety, but also details practical applications in use today at facilities across the United States.

In addition to those individuals and organizations mentioned in the author's Preface, special thanks go to the U.S. Nuclear Regulatory Commission for its financial support.

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