American Nuclear Society

WITHDRAWN

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fuel assembly identification

an American National Standard

REAFFIRMED

February 23, 2017
August 26, 2011
January 12, 2005

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American National Standard
Fuel Assembly Identification

Secretariat
American Nuclear Society

Prepared by the
American Nuclear Society
Standards Committee
Working Group ANS-57.8

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American National Standard

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Foreword

(This Foreword is not a part of American National Standard Fuel Assembly Identification, ANSI/ANS-57.8-1995.)

This standard describes a system for the unique identification of nuclear fuel assemblies. This uniqueness is achieved by the assignment of the following to each fuel assembly: 1) a fabricator or facility identification prefix, and 2) a serial number. Although the standard was developed primarily for commercial light-water reactor fuel, it may be used for any reactor fuel contained in discrete fuel assemblies that can be identified with a serial number as specified by the standard.

The standard was originally developed to meet a need of the U.S. Atomic Energy Commission, now the U.S. Nuclear Regulatory Commission, for its Safeguards Program. Reporting and recordkeeping are necessary parts of this program. Because of the large volume of fuel needed to support commercial power reactors, a systematic method of fuel assembly identification is necessary to ensure that no two fuel assemblies manufactured in the United States have the same number; the reactor fuel can thus be accurately and expeditiously recorded. This standard provides such an identification system.

This revised standard was developed by Working Group ANS-57.8. Members at the time of its preparation were:

R. H. Ripley, Chairman, *Union Electric Company*
L. G. Ernst, *Duke Power Company*
M. T. McKelvy, *Southern Nuclear Operating Company*
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The American Nuclear Society's Nuclear Power Plant Standards Committee (NUPPSCO) had the following membership at the time of its approval of this standard:

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