American Nuclear Society

reload startup physics tests for pressurized water reactors

an American National Standard

WITHDRAWN

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Secretariat
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American National Standard

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Foreword

(This Foreword is not a part of American National Standard Reload Startup Physics Tests for Pressurized Water Reactors, ANSI/ANS-19.6.1-1985.)

It is the intent of this American National Standard to provide guidance for verifying the nuclear characteristics of a commercial pressurized water reactor core. This standard is intended to cover the physics tests that are performed following a refueling or other alteration of the reactor core for which nuclear design calculations are required. This standard provides the minimum acceptable startup physics test program; however, the standard recognizes that additional tests may be required by special design features for a particular core.

Compliance with the intent of this standard can be demonstrated by meeting the following requirements:

(1) Perform the physics tests described herein using one or more of the acceptable test methods.

(2) Determine if the test results agree with the predicted results within the test criteria that have been established prior to the performance of the tests.

(3) Document the above in accordance with the requirements of Section 7 of this standard.

Suggestions for the improvement of this standard will be welcome. They should be sent to the American Nuclear Society, 555 North Kensington Avenue, La Grange Park, Illinois 60525.

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