

IEEE Std 603™-2009
(Revision of
IEEE Std 603-1998)

Errata to IEEE Standard Criteria for Safety Systems for Nuclear Power Generating Stations

Sponsor
Nuclear Power Engineering Committee
of the
IEEE Power and Energy Society

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Correction Sheet
Issued 10 March 2015

Under “Interdisciplinary approach,” p. iv, paragraph 2, sentence 5, the following is incorrect:

“...ASME Boiler and Pressure Vessel Code [B5].”

Revise as follows (and link the cross reference to the revised bibliography--see below):

“...ASME Boiler and Pressure Vessel Code [B4].”

Under “Evolution,” p. v, sentence 3, the following is incorrect:

“This was followed by IEEE Std 279-1971 [B7].”

Revise as follows (and link the cross reference to the revised bibliography—see below):

“This was followed by IEEE Std 279-1971 [B6].”

Under “Purpose of revision,” p. v, paragraph 2, sentence 2, the following is incorrect:

“ANSI/ANS-4.5-1980 [B1] and IEEE Std. . .”

Revise as follows:

“ANSI/ANS-4.5-1980 and IEEE Std. . .”

Under “Relationship to other standards,” p. v, paragraph 3, the following is incorrect:

“...standard IEC 60231A (1969-01) also contains...”

Revise as follows (and link the cross reference to the revised bibliography –see below):

“...standard IEC 60231A (1969-01) [B5] also contains...”

Under “1.2 Illustration,” p. 3, NOTE 1, the following is incorrect:

“...system of IEEE Std 279TM-1971 [B7] and of this standard...”

Revise as follows (and link the cross reference to the revised bibliography—see below):

“...system of IEEE Std 279TM-1971 [B6] and of this standard...”

Under “3. Definitions,” p. 9, NOTE 2, the following is incorrect:

“...Nuclear Society (ANS) and IEC 60231A (1969-01) [B6].”

Revise as follows (and link the cross reference to the revised bibliography—see below):

“...Nuclear Society (ANS) and IEC 60231A (1969-01) [B5].”

Under “8.2 Non-electrical power sources,” p. 20, sentence 3, the following is incorrect:

“(See ANSI/ANS 59.3-1992 [B3] and ANSI/ANS-59.51-1997 [B4]).”

Revise as follows (and link the cross reference to the revised bibliography—see below):

“(See ANSI/ANS 59.3-1992 [B2] and ANSI/ANS-59.51-1997 [B3]).”

Under “Bibliography,” p. 36, the following entries [B1] through [B7], and the footnotes are incorrect:

[B1] ANSI/ANS-4.5-1980 (Reaff 1988), Criteria for Accident Monitoring Functions in Light-Water-Cooled Reactors.”¹³

[B2] ANSI/ANS-58.9-1981 (Reaff 2009), Single-Failure Criteria for Light Water Reactor Safety-Related Fluid Systems.

[B3] ANSI/ANS-59.3-1992 (Reaff 2002), Nuclear Safety Criteria for Control Air Systems.

[B4] ANSI/ANS-59.51-1997 (Reaff 2007), Fuel-Oil Systems for Emergency Diesel Generators.

[B5] ASME, Boiler and Pressure Vessel Code, 2007 Edition.¹⁴

[B6] IEC 60231A (1969-01), First Supplement to General Principles of Nuclear Reactor Instrumentation.¹⁵

[B7] IEEE Std 279™-1971 (Reaff 1978), IEEE Standard Criteria for Protection Systems for Nuclear Power Generating Stations.¹⁶

¹³ ANSI publications are available from the Customer Service Department, American National Standards Institute, 25 W. 43rd Street, 4th Floor, New York, NY 10036, USA (<http://www.ansi.org/>).

¹⁴ ASME publications are available from the American Society of Mechanical Engineers, 3 Park Avenue, New York, NY 10016-5990, USA (<http://www.asme.org/>).

¹⁵ IEC publications are available from the Central Office of the International Electrotechnical Commission, 3, rue de Varembe, P.O. Box 131, CH-1211, Geneva 20, Switzerland (<http://www.iec.ch/>). IEC publications are also available in the United States from the Sales Department, American National Standards Institute, 25 West 43rd Street, 4th Floor, New York, NY 10036, USA (<http://www.ansi.org/>).

¹⁶ IEEE Std 279-1971 has been withdrawn; however, copies can be obtained from Global Engineering, 15 Inverness Way East, Englewood, CO 80112-5704, USA, tel. (303) 792-2181 (<http://global.ihs.com/>).

Replace entries [B1] through [B7] and footnotes; with entries [B1] and [B2] and footnotes as follows:

[B1] ANSI/ANS-58.9-1981 (Reaff 2009), Single-Failure Criteria for Light Water Reactor Safety-Related Fluid Systems.¹³

[B2] ANSI/ANS-59.3-1992 (Reaff 2002), Nuclear Safety Criteria for Control Air Systems.

- [B3] ANSI/ANS-59.51-1997 (Reaff 2007), Fuel-Oil Systems for Emergency Diesel Generators.
- [B4] ASME, Boiler and Pressure Vessel Code, 2007 Edition.¹⁴
- [B5] IEC 60231A (1969-01), First Supplement to General Principles of Nuclear Reactor Instrumentation.¹⁵
- [B6] IEEE Std 279TM-1971 (Reaff 1978), IEEE Standard Criteria for Protection Systems for Nuclear Power Generating Stations.¹⁶

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