

PSC NO: 119 ELECTRICITY  
NEW YORK STATE ELECTRIC & GAS CORPORATION  
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### GENERAL INFORMATION

9. Distributed Generation Interconnection Requirements (Cont'd.)

F. III. Glossary of Terms (Cont'd.)

**Utility Grade Relay:** A relay that is constructed to comply with, as a minimum, the most current version of the following Standards for non-nuclear facilities:

<u>Standard</u>	<u>Conditions Covered</u>
<u>ANSI/IEEE C37.90</u>	Usual Service Conditions Ratings - Current and Voltage Maximum design for all relays Ac and dc auxiliary relays Make and carry ratings for tripping contacts Tripping contacts duty cycle Dielectric tests by manufacturer Dielectric tests by user
<u>ANSI/IEEE C37.90.1</u>	Surge Withstand Capability (SWC) Fast Transient Test
<u>IEEE C37.90.2</u>	Radio Frequency Interference
<u>IEEE C37.98</u>	Seismic Testing (fragility) of Protective and Auxiliary Relays
<u>ANSI C37.2</u>	Electric Power System Device Function Numbers
<u>IEC 255-21-1</u>	Vibration
<u>IEC 255-22-2</u>	Electrostatic Discharge
<u>IEC 255-5</u>	Insulation (Impulse Voltage Withstand)

**Verification Test:** A test performed upon initial installation and repeated periodically to determine that there is continued acceptable performance.

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