

SECTION XI DISTURBANCES

Section XI. Disturbances

1. General

Radio and Television Transmitters, Flashing Signs, Welders, Electric Furnaces. The operation of large flashing signs, welders, arc furnaces, dielectric and induction heaters, inverters, variable voltage and frequency devices, radio and television transmitters, X-ray equipment, reciprocation compressors and similar apparatus having intermittent flow of large current, sometimes interferes with other users of the electric service. The customer shall consult the Company in each case before planning to use such equipment so that the character of electric service that will be supplied, the corrective equipment needed, and other special precautions that must be taken will be mutually known.

2. Radio, TV Interference.

Items above may also be a cause of radio and/or television interference. For further information, refer to the NYSEG booklet "How to Find Radio and TV Interference in Your Home", available at Company offices.

3. Customer Installed Generators.

These items can sometimes cause disturbances to other customers. Consultation with the Company (see Section XIII - 3) is required.

4. Harmonics.

Certain devices installed by the customer such as SCR controllers, large rectifiers, inverters, variable voltage and frequency devices, etc. may cause harmonic waveform distortion. Harmonic voltage distortion on the system shall not cause any applicable ANSI standards for NYSEG equipment connected to the system to be exceeded, shall not exceed 3% for any single frequency or 5% total harmonic distortion, and shall not injuriously affect NYSEG's equipment or its service to others.

NYSEG will endeavor to maintain reasonable limits on the harmonic distortion levels present on its system through proper design and application of related equipment, yet NYSEG cannot guarantee an essentially distortion free waveform.

Those customers whose particular service requirements necessitate such a waveform are encouraged to install, own, and maintain signal conditioning equipment.