

EMERGENCY PROCEDURES

1. INTRODUCTION

1.01 This section provides emergency power-down procedures for the ITS System.

1.02 The Vidar ITS System is designed so that each equipment unit is adequately fused to provide maximum protection for both equipment and personnel in the case of a malfunction or a short in the power distribution system. The procedures given are for those rare occurrences where, either by operator error, nature, or accident, it is necessary to power down all or a portion of the ITS System.

1.03 Separate instructions are provided for emergency power-down procedures to be used when a condition exists that may pose a threat to operating personnel and conditions that may cause equipment damage.

1.04 For normal ITS System operating and maintenance procedures, refer to the master index of Vidar ITS Series Practices, Section 290-000-000.

2. EMERGENCY POWER-DOWN PROCEDURES

2.01 Whenever a condition exists that poses a threat of injury to personnel operating or maintaining the ITS System, remove all power to the system. All personnel should familiarize themselves with the local power distribution system and with the most rapid method of removing total input power to the ITS System.

2.02 When a condition occurs that poses a threat of equipment damage to the ITS System, follow this procedure:

- (a) Locate the portion of the system threatened (i.e., an equipment shelf).
- (b) Locate the fuse panel that provides power to that equipment shelf.

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- (c) Remove the fuse that provides power to that equipment shelf.
- (d) If the above procedure does not remove the problem or if an entire equipment frame is involved, remove the fuses from the power distribution unit which provides power to the equipment frame in jeopardy.
- (e) If the problem still exists, remove all power to the ITS System.

2.03 Use of the procedure given in 2.02 will enable the built-in redundancy features of the ITS System to preserve service while at the same time protecting an equipment unit from possible damage.

2.04 Operating personnel should completely familiarize themselves with the internal fusing and power distribution of the ITS System.