SECTION I

INSPECTION OBJECTIVES

1. Ensure that the test procedure is technically adequate.

2. Ensure that the described test is consistent with regulatory requirements, guidance and licensee commitments.

SECTION II

INSPECTION REQUIREMENTS

The inspector shall:

1. Obtain and review an approved copy of the test procedure(s) for technical adequacy prior to the date scheduled for the test.

2. Review the FSAR, docketed correspondence, SER, Technical Specifications, IEEE PGS-1 Guide and Regulatory Guide 1.68. Verify that the test procedure adequately addresses NRC requirements and licensee commitments relating to the Emergency or Standby Power Supply System.

3. Review the test procedure(s) in accordance with inspection procedure MC 70300B.

SECTION III

INSPECTION GUIDANCE

1. This review should insure that important system performance functions are accurately reflected in this test procedure. Items which should be adequately tested as part of the test procedure include (but are not limited to):

   a. system operation during loss of A.C. voltage,

   b. diesel operation including start, load tests and auxiliary systems, during normal and emergency conditions,

   c. full test discharge of batteries,

   d. component reliability, redundancy, and electrical independence during transient and steady-state conditions,

   e. operation of logic functions,

   f. emergency lighting,

   g. Engineered Safety Features functions,

   h. protective functions,

   i. auto transfer devices,

   j. system instrumentation and control,

   k. system interdependence and integrated operation at multiunit sites during normal and transient conditions.

NOTE: Items may be part of other systems tests.