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, SER, Technical Specifications, docketed correspondence, and Regulatory Guide 1.68. Verify that the test procedure adequately addresses NRC requirements and licensee commitments relating to the Nuclear Instrumentation System.

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

SECTION III

INSPECTION GUIDANCE

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

   a. operation of system instrumentation and controls over design operating range,

   b. system response to simulated test signals for normal and abnormal conditions, including simulated plant computer command signals,

   c. logic and interlock functions,

   d. protection and alarm functions,

   e. operation of system components,

   f. system operation from Control Room and remote locations, and

   g. redundancy and electrical independence for appropriate system operations and functions.

NOTE: Items may be part of other systems tests.