SECTION I

INSPECTION OBJECTIVES

1. Verify that the testing is conducted in accordance with approved procedures,

2. Independently verify the acceptability of test results, and

3. Evaluate the performance of licensee personnel conducting the test.

SECTION II

INSPECTION REQUIREMENTS

The inspector shall:

1. Schedule an inspection to coincide with this testing.

2. Obtain and review the Compressed Gas System Test Procedure prior to witnessing the test.

3. Review Regulatory Guide 1.68 and applicable portions of the FSAR, SER, Technical Specifications, and docket correspondence. Verify that the Compressed Gas System is adequately tested to ensure that NRC requirements and licensee commitments are satisfied.

4. Observe licensee personnel conducting the test. Verify that:

   a. tests are conducted in accordance with approved procedures,

   b. approved test procedures are available to personnel conducting the test,

   c. test equipment is properly installed,

   d. test data is collected and recorded in the approved manner, and

   e. evaluate the licensee personnel's ability to conduct the test.

SECTION III

INSPECTION GUIDANCE

1. By witnessing this test, the inspector should ensure that important system performance functions are adequately tested. Areas which should be witnessed include (but are not limited to):

   a. operation of compressors, aftercoolers, oil sperator units, and unloaders,

   b. operation and setpoints of relief valves,

   c. operation of system alarms, pressure and temperature indicators, and reset functions,

   d. operation of air dryer units, flow rates and differential pressures,

   e. test instrument air operation.

   f. system hygene, and

   g. system response to loss of instrument air supply tests.

NOTE: Items may be part of other systems tests.