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 Vibration Test(s) Procedure prior to witnessing the test.

3. Review Regulatory Guides 1.68 and 1.20, and applicable portions of the FSAR, SER, Technical Specifications, and docket correspondence. Verify that NRC requirements and licensee commitments relating to Vibration testing 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. sensor location and applicability of test equipment,
   b. review of data recorded during various plant conditions,
   c. review of temporary vibration restraints and their affect on test results,
   d. methods used to locate and identify causes of excessive vibration and subsequent corrective action,
   e. the data acquisition method for rotating and structural systems components, and
   f. method of test data entry into permanent data file.

NOTE: Items may be part of other systems tests.