

Loss of Offsite Power Test  
Preoperational Test Procedure Review  
Procedure No.: 70306B  
Issue Date: 1/1/79

## 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 Guides 1.68, and 1.41. Verify that the test procedure adequately addresses NRC requirements and licensee commitments relating to Loss of Offsite Power, including load shedding and sequencing.
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. Items which should be adequately tested as part of the test procedure include (but are not limited to):
  - a. diesel generator should be in standby mode (cold) prior to initiation of test,
  - b. status and mode of tripping all offsite power, this includes a transfer from normal to backup transformers and then to onsite systems,
  - c. load shedding and sequential loading,
  - d. one diesel generator should be stopped followed by a manual restart and reload to simulate DG trip under demand conditions,
  - e. 25%\* load increase over emergency loading of DG, and
  - f. integrated electrical system operation at multiunit facilities,
  - g. system voltage and frequency, and
  - h. DG start to full load time requirements.

NOTE: Items may be part of other systems tests.

\* General number; see FSAR for requirements.