

INSTRUMENTATION

TRAVERSING INCORE PROBE SYSTEM

LIMITING CONDITION FOR OPERATION

3.3.6.6 The traversing incore probe system shall be OPERABLE with:

- a. Four movable detectors, drives, and readout equipment to map the core, and
- b. Indexing equipment to allow all required detectors to be normalized in a common location.

APPLICABILITY:

When the traversing incore probe is used for:

- a. Recalibration of the LPRM detectors and
- b. Monitoring the APLHGR, LHGR, or MCPR.

ACTION:

- a. With one or more TIP measurement locations inoperable, required measurements may be performed as described in 1 or 2 below.*
 1. TIP data for an inoperable measurement location may be replaced by data obtained from that string's redundant (symmetric) counterpart if the substitute TIP data were obtained from an operable measurement location and the control rod pattern is octant symmetric, provided the total TIP uncertainty for the present cycle has been measured to be less than 8.7 percent.
 2. TIP data for an inoperable measurement location may be replaced by data obtained from the on-line core monitoring system (process computer) normalized with available operating measurements, provided the total number of simulated channels (measurement locations) does not exceed eight.
- b. Otherwise, with the TIP system inoperable, do not use the system for the above applicable monitoring or calibration functions for more than 31 EFPD following the last normalization.
- c. The provisions of Specifications 3.0.3 and 3.0.4 are not applicable.

*Action a is applicable until the end of Cycle 12.