

## INSTRUMENTATION

### 3/4.3.2 ISOLATION ACTUATION INSTRUMENTATION

#### LIMITING CONDITIONS FOR OPERATION

---

3.3.2 The isolation actuation instrumentation channels shown in Table 3.3.2-1 shall be OPERABLE with their Trip Setpoints set consistent with the values shown in the Trip Setpoint column of Table 3.3.2-2 and with ISOLATION SYSTEM RESPONSE TIME shown in Table 3.3.2-3.

APPLICABILITY: As shown in Table 3.3.2-1.

#### ACTION:

- a. With an isolation actuation instrumentation channel Trip Setpoint less conservative than the value shown in the Allowable Values column of Table 3.3.2-2, declare the channel inoperable until the channel is restored to OPERABLE status with its Trip Setpoint adjusted consistent with the Trip Setpoint value.
- b. With the number of OPERABLE channels less than required by the Minimum OPERABLE Channels per Trip System requirement for one trip system, either
  1. Place the inoperable channel(s) in the tripped condition within
    - a) 1 hour for trip functions without an OPERABLE channel
    - b) 12 hours for trip functions common to RPS Instrumentation, and
    - c) 24 hours for trip functions not common to RPS Instrumentation
  - or
  2. Take the ACTION required by Table 3.3.2-1.
- c. With the number of OPERABLE channels less than required by the Minimum OPERABLE Channels per Trip System requirement for both trip systems,
  1. Place the inoperable channel(s) in one trip system in the tripped condition within one hour, and
  2. a) Place the inoperable channel(s) in the remaining trip system in the tripped condition within
    - 1) 1 hour for trip functions without an OPERABLE channel
    - 2) 12 hours for trip functions common to RPS Instrumentation, and
    - 3) 24 hours for trip functions not common to RPS Instrumentation,
  - or
  - b) Take the ACTION required by Table 3.3.2-1.

The provisions of Specification 3.0.4 are not applicable.

## INSTRUMENTATION

### 3/4.3.6 CONTROL ROD BLOCK INSTRUMENTATION

#### LIMITING CONDITIONS FOR OPERATION

---

3.3.6. The control rod block instrumentation channels shown in Table 3.3.6-1 shall be OPERABLE with their Trip Setpoints set consistent with the values shown in the Trip Setpoint column of Table 3.3.6-2.

Applicability: As shown in Table 3.3.6-1.

#### ACTION:

- a. With a control rod block instrumentation channel Trip Setpoint less conservative than the value shown in the Allowable Values column of Table 3.3.6-2, declare the channel inoperable until the channel is restored to OPERABLE status with its Trip Setpoint adjusted consistent with the Trip Setpoint value.
- b. With the number of OPERABLE channels less than required by the Minimum OPERABLE Channels per Trip Function requirement, take the ACTION required by Table 3.3.6-1.

#### SURVEILLANCE REQUIREMENTS

---

4.3.6 Each of the above required control rod block Trip Systems and instrumentation channels shall be demonstrated OPERABLE\* by the performance of the CHANNEL CHECK, CHANNEL FUNCTIONAL TEST, AND CHANNEL CALIBRATION operations for the OPERATIONAL CONDITIONS and at the frequencies shown in Table 4.3.6-1.

- \* A channel may be placed in an inoperable status for up to 6 hours for required surveillance without placing the Trip System in the tripped condition, provided at least one other operable channel in the same Trip System is monitoring that Trip Function.