

3/4.9 REFUELING OPERATIONS

3/4.9.1 REACTOR MODE SWITCH

LIMITING CONDITION FOR OPERATION

3.9.1 The reactor mode switch shall be OPERABLE and locked in the Shutdown or Refuel position. When the reactor mode switch is locked in the Refuel position:

- a. ~~A control rod shall not be withdrawn unless~~ ^T the Refuel position one-rod-out interlock is OPERABLE.
shall be
- b. ~~CORE ALTERATIONS shall not be performed using equipment associated with a Refuel position interlock unless at least the following Refuel position interlocks associated with that equipment are OPERABLE:~~ *shall be*
 1. All rods in. *(over core)*
 2. Refuel platform position.
 3. Refuel platform hoists fuel-loaded.
 4. Service platform hoist fuel-loaded *(with Service Platform installed).*

APPLICABILITY: OPERATIONAL CONDITION 5* **.

ACTION:

- a. With the reactor mode switch not locked in the Shutdown or Refuel position as specified, suspend CORE ALTERATIONS and lock the reactor mode switch in the Shutdown or Refuel position.
- b. With the one-rod-out interlock inoperable, ^{Refuel Platform} lock the reactor mode switch in the Shutdown position.
- c. With any of the above required Refuel position ~~equipment~~ interlocks inoperable, suspend CORE ALTERATIONS, ~~with equipment associated with the inoperable Refuel position equipment interlock.~~

take one of the ACTIONS listed below, or

verify all control rods are fully inserted and disable withdraw capabilities of all control rods *** or

SEE INSERT (ATTACHED)

*See Special Test Exceptions 3.10.1 and 3.10.3.

**The reactor shall be maintained in OPERATIONAL CONDITION 5 whenever fuel is in the reactor vessel with the vessel head closure bolts less than fully tensioned or with the head removed.

*** Except control rods removed per Specification 3.9.10.1 or 3.9.10.2.

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- a. ~~A control rod shall not be withdrawn unless the Refuel position one-rod-out interlock is OPERABLE.~~
shall be
- b. ~~CORE ALTERATIONS shall not be performed using equipment associated with a Refuel position interlock unless at least the following Refuel position interlocks associated with that equipment are OPERABLE:~~
shall be

1. All rods in. *(over core)*
2. Refuel platform position.
3. Refuel platform hoists fuel-loaded.
4. Service platform hoist fuel-loaded *(with Service Platforms installed).*

APPLICABILITY: OPERATIONAL CONDITION 5* **.

ACTION:

- a. With the reactor mode switch not locked in the Shutdown or Refuel position as specified, suspend CORE ALTERATIONS and lock the reactor mode switch in the Shutdown or Refuel position.
- b. With the one-rod-out interlock inoperable, lock the reactor mode switch in the Shutdown position. *Refuel Platform*
- c. With any of the above required Refuel position ~~equipment~~ interlocks inoperable, suspend CORE ALTERATIONS ~~with equipment associated with the inoperable Refuel position equipment interlock.~~

take one of the ACTIONS listed below, or

*verify all control rods are fully inserted and disable withdraw capabilities of all control rods *** or*

SEE INSERT (ATTACHED)

*See Special Test Exceptions 3.10.1 and 3.10.3.

**The reactor shall be maintained in OPERATIONAL CONDITION 5 whenever fuel is in the reactor vessel with the vessel head closure bolts less than fully tensioned or with the head removed.

*** Except control rods removed per Specification 3.9.10.1 or 3.9.10.2.

Limerick Generating Station, Units 1 and 2
Technical Specifications (TS) Change Request
TSCR No. 95-12-0

Proposed TS Wording

INSERT

1. Verify all control rods are fully inserted and disable withdraw capabilities of all control rods***, or
 2. Verify Refuel Platform is not over core (limit switches not reached) and disable Refuel Platform travel over core, or
 3. Verify that no Refuel Platform hoist is loaded and disable all Refuel Platform hoists from picking up (grappling) a load.
- d. With the Service Platform installed over the vessel and any of the above required Service Platform Refuel position interlocks inoperable, take one of the ACTIONS listed below, or suspend CORE ALTERATIONS.
1. Verify all control rods are fully inserted and disable withdraw capabilities of all control rods***, or
 2. Verify Service Platform hoist is not loaded and disable Service Platform hoist from picking up (grappling) a load.