

PROPOSED TECHNICAL
SPECIFICATION 3/4.9.11.2

9008210172 900809
PDR ADOCK 05000416
P PDC

NL-90/02

REFUELING OPERATIONS

LOW WATER LEVEL

LIMITING CONDITION FOR OPERATION

INSERT 1

3.9.11.2 ~~Two shutdown cooling mode trains of the residual heat removal (RHR) system shall be OPERABLE and at least one train shall be in operation, with each train consisting of at least:~~

- ~~a. One OPERABLE RHR pump, and~~
- ~~b. One OPERABLE RHR heat exchanger train.~~

APPLICABILITY: OPERATIONAL CONDITION 5, when irradiated fuel is in the reactor vessel and the water level is less than 22 feet 8 inches above the top of the reactor pressure vessel flange.

ACTION:

INSERT 2

- a. With less than the above required shutdown cooling mode trains of the RHR system OPERABLE, within one hour and at least once per 24 hours thereafter, demonstrate the OPERABILITY of at least one alternate method capable of decay heat removal for each inoperable RHR shutdown cooling mode train.
- b. With no RHR shutdown cooling mode train in operation, within one hour establish reactor coolant circulation by an alternate method and monitor reactor coolant temperature at least once per hour.
- ~~c. The provisions of Specification 3.0.4 are not applicable for entry into OPERATIONAL CONDITION 5 from 4 or lowering reactor cavity water level.~~

SURVEILLANCE REQUIREMENTS

4.9.11.2 At least one shutdown cooling mode train of the residual heat removal system or alternate method shall be verified to be in operation and circulating reactor coolant at least once per 12 hours.

ADHRS in the reactor cooling mode

or ADHRS

* The shutdown cooling pump may be removed from operation for up to 2 hours per 8-hour period.

~~* This exception is applicable until startup from the third refueling outage.~~

~~** The alternate decay heat removal system (ADHRS) may be used as the alternate decay heat removal method for the third refueling outage only.~~

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Two of three of the following shall be OPERABLE # and at least one shall be in operation *:

- a. residual heat removal (RHR) system shutdown cooling mode train "A", or
- b. RHR system shutdown cooling mode train "B", or
- c. alternate decay heat removal system (ADHRS) in the reactor cooling mode.

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Otherwise, either raise water level to greater than or equal to 22 feet 8 inches above the top of the reactor pressure vessel flange within 12 hours of discovery of the inoperable system or alternate or suspend all operations involving an increase in the reactor decay heat load and initiate action within one hour to establish SECONDARY CONTAINMENT INTEGRITY.

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One of the two required shall have an OPERABLE associated diesel generator.